

LIEBHERR

Wind speed charts

LR 1600/2-W

Operating instructions

BAL No.: 18181-04-02

Pages: 119

| | |
|------------|--|
| Serial No. | |
| Date | |

ORIGINAL OPERATING MANUAL

The operating manual is part of the crane!

It must always be available within reach!

The traffic regulations and those for crane operation must be observed!

Liebherr-Werk Ehingen GmbH

Postfach 1361

D-89582 Ehingen / Donau

+49 (0) 7391 502-0

+49 (0) 7391 502-3399

info.lwe@liebherr.com

www.liebherr.com

Preface

General

This crane was built according to the state of technology and recognized safety technical regulations. Despite that, dangers to body and life for the user and / or third persons or damage to the crane and / or other material assets can occur.

This crane may only be used:

- in impeccable technical condition.
- for destined use.
- by trained personnel, which acts in a safety and danger conscious way.
- when no safety relevant problems are present.
- when no modifications were made on the crane.




Any problems, which could affect safety must be fixed immediately.

Modifications on the crane may only be made with written approval by Liebherr-Werk Ehingen GmbH.

Safety and warning notes

Safety and warning notes are directed to all persons who work with the crane.


The terms **DANGER**, **WARNING**, **CAUTION** and **NOTICE** used in the crane documentation are intended to point out certain rules of conduct to all persons working with the crane.

| Warn- ing signs | Signal word | Explanation |
|---|----------------|---|
|  | DANGER | Designates a dangerous situation which will lead to death or serious injury if it is not prevented. ¹⁾ |
|  | WARNING | Designates a dangerous situation, which can lead to death or serious injury if it is not prevented. ¹⁾ |
|  | CAUTION | Designates a dangerous situation, which can lead to slight or medium-grade injuries if it is not prevented. ¹⁾ |
| | NOTICE | Designates a dangerous situation, which can lead to property damage if it is not prevented. |

¹⁾ This could also result in property damage.

Additional notes

The term **Note** is used in the crane documentation to make all persons working with the crane aware of useful information and tips.

| Sign | Signal word | Explanation |
|---|----------------|---|
|  | Note | Designates useful information and tips. |

LWE/18181-04-02/en

Crane documentation

The crane documentation is comprised of:

- all supplied documents on paper and in digital form.
- all supplied programs and applications.
- all subsequently supplied information, updates and addenda for the crane documentation.

The crane documentation:

- makes it possible for you to operate the crane safely.
- supports you to utilize the permissible application possibilities of the crane.
- provides you with information about the functionality of important components and systems.



Note

Terminology in the crane documentation.

Certain expressions are used in the crane documentation.

- ▶ In order to avoid misunderstandings, the same expressions should always be used.

Translations from the German version of the crane documentation: The crane documentation has been translated to be best of one's knowledge. Liebherr-Werk Ehingen GmbH assumes no liability for translation errors. The German version of the crane documentation is solely applicable for factual accuracy. If you find any errors or if any misunderstandings arise when reading the crane documentation, please contact Liebherr-Werk Ehingen GmbH immediately.



WARNING

Danger of accident due to incorrect operation of the crane!

Incorrect operation of the crane can lead to accidents!

Personnel can be killed or seriously injured!

This could result in property damage!

- ▶ Only authorized and trained expert personnel are permitted to work on the crane.
- ▶ The crane documentation is part of the crane and must be accessible on the crane.
- ▶ The crane documentation and on-site regulations and specifications (such as accident prevention regulations) must be observed.

Using the crane documentation:

- **makes it easier** to become familiar with the crane.
- **avoids** problems due to improper operation.

Observing the crane documentation:

- **increases** reliability in use.
- **extends** the service life of the crane.
- **minimizes** repair costs and downtime.

Place the crane documentation accessible in the driver's cab or in the crane cab.



WARNING

Outdated version of crane documentation!

If subsequently supplied information, updates and addenda to the crane documentation are not observed and added, there is a danger of accidents!

Personnel can be killed or seriously injured!

This could result in property damage!

- ▶ Observe and add all subsequently supplied information, updates and addenda for the crane documentation.
- ▶ Make sure that all affected persons always know and understand the latest version of the crane documentation.



WARNING

Crane documentation is not understood!

If parts of the crane documentation are not understood and the tasks are carried out on or with the crane, then there is a danger of accidents!

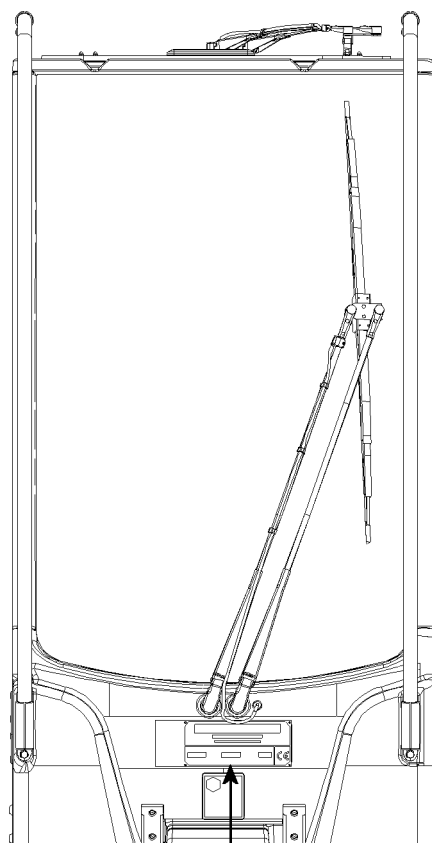
Personnel can be killed or seriously injured!

This could result in property damage!

- Clear up open questions regarding the crane documentation with Liebherr Service before carrying out the respective task.

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All accident prevention guidelines, operating instructions, load charts etc. are based on destined use of the crane.

**1**

| | | |
|-------------------------|-----------|-----------------------|
| LIEBHERR | | |
| WERK EHINGEN GMBH | | |
| D-89582 EHINGEN/DONAU | | |
| Type | n°d'usine | année de construction |
| | Werk-Nr. | Baujahr |
| Type | Works No. | Year of manufacture |
| Manufactured in Germany | | |

**2**

| | | |
|-------------------------|-----------|-----------------------|
| LIEBHERR | | |
| WERK EHINGEN GMBH | | |
| D-89582 EHINGEN/DONAU | | |
| Type | n°d'usine | année de construction |
| | Werk-Nr. | Baujahr |
| Type | Works No. | Year of manufacture |
| Manufactured in Germany | | |

Fig.110001

CE marking

The CE marking is a mark according to EU laws:

- Cranes with CE-marking according to the European machinery directive 2006/42/EC and the EN 13000! Data tag Crane with CE-marking, see illustration 1.
- Cranes which are operated outside the respective area of application do not require a CE marking. Data tag Crane without CE marking, see illustration 2.
- It is prohibited to market and operate cranes without CE marking, which do not meet the product-specific regulations valid in Europe, when a CE marking is specified for the country.
- It is prohibited to operate cranes with a tipping load utilization of 85 % which are programmed according to ASME B30.5 within the European Union or in countries which permit a lower stationary stability utilization (for example ISO 4305)! The national regulations apply. These cranes may not have a CE marking!

Destined use

The destined use of the crane consists solely in vertical lifting and lowering of free and non-adhered loads, whose weight and center of gravity are known.

To do so, a hook or hook block approved by Liebherr must be reeved on the hoist rope and it may only be operated within the permissible crane configurations.

Driving with the crane, with or without an attached load is only permissible if a corresponding driving or load chart is available. The set up configurations intended for it and the safety conditions must be observed according to the corresponding crane documentation.

Any other use or any other exceeding utilization is **not** destined use.

Destined use also includes the adherence of the required safety guidelines, conditions, prerequisites, set up conditions and working steps in the crane documentation (for example: Operating instructions, load charts, erection and take down charts, job planner).

The manufacturer is **not** liable for damages, which are caused by non-destined use or improper use of the crane. Any associated risk it is carried solely by the owner, the operator and the user of the crane.

Non-destined use

Non-destined use is:

- Working outside the permissible set up configurations according to the load chart.
- Working outside the permissible boom radii and slewing ranges according to the load chart.
- Selecting load charts, which do not correspond to the actual set up configuration.
- Selection of a set up configuration via code or via manual entry, which does not correspond to the actual set up configuration.
- Working with bypassed / deactivated safety devices, for example bypassed load moment limitation or with bypassed hoist limit switch.
- Increasing the radius of the lifted load after a LMB shut off, for example by diagonally pulling the load.
- Using the support pressure display as a safety function against tipping over.
- Use of equipment parts which are not approved for the crane.
- Operation of the crane in an area exposed to explosion hazards.
- Using the crane at sports and recreational events, especially for "Bungee" jumps and / or "Dinner in the sky".
- Driving on a public road in non-permissible driving condition (axle load, dimension).
- Driving with the equipment in place in a non-permissible driving condition.
- Pushing, pulling or lifting loads with the leveling regulation, the sliding beams or the support cylinders.
- Pushing, pulling or lifting loads by actuating the slewing gear, the luffing gear or the telescoping gear.
- Ripping stuck objects loose with the crane.
- Utilizing the crane for a longer period of time for material handling tasks.
- Releasing the crane suddenly (grapple or dumping operation).

- Utilizing the crane when the weight of the load, which is suspended on the crane is changed, for example by filling a container suspended on the load hook, except:
 - The load moment limiter was checked before for function with a known load.
 - The crane cab is occupied.
 - The crane is operational.
 - The container size is selected in such a way that an overload of the crane with full load is eliminated within the valid used load chart.

The crane may **not** be used for:

- Attaching a stuck load for which the weight and center of gravity are not known and which is released only by flame cutting, for example.
- Letting persons drive along outside the driver's cab.
- Transporting personnel in the crane cab while driving.
- Transporting personnel with the lifting equipment and on the load.
- Transporting of persons with work baskets (cherry pickers), if the national regulations of the responsible work safety organization are not observed.
- Transporting loads and objects on the crane chassis.
- Transporting loads and objects on the crane superstructure.
- Transporting loads and objects on the boom lattice sections and / or the crane boom.
- Two hook operation without auxiliary equipment.
- Extended material handling operation.
- Crane operation on a barge if the conditions are not determined and the written release by **Liebherr Werk Ehingen GmbH** is not present.

The crane documentation must be read and used by all persons who are involved in use, operation, assembly and maintenance of the crane.

Safety equipment

Special attention must be paid to the safety systems built into the crane. The safety systems must constantly be checked for functionality. The crane may not be operated if the safety systems are not working or not working correctly.



Note

Your motto must always be:

► **Safety first!**

The crane has been built in accordance with the applicable crane operation and driving regulations and has been approved by the relevant authorities.

Equipment and spare parts



WARNING

Danger to life if original equipment parts are **not** used!

If the crane is operated with equipment parts, which are **not** original, then the crane can fail and cause fatal accidents!

Crane components can be damaged!

- Operate the crane only with original equipment parts!
- Crane operation with equipment parts, which do **not** belong to the crane is prohibited!
- If there is any doubt about the origin of equipment parts, contact Liebherr Service!



WARNING

The crane permit and the manufacturer's warranty will become void!

If any original installed parts are modified, manipulated or replaced (e.g. removal of parts, installation of non-original Liebherr parts), both the crane permit and the manufacturer's warranty will become void.

- ▶ Leave installed original parts unchanged!
- ▶ Do not remove installed original parts!
- ▶ Use only Original Liebherr spare parts!
- ▶ If there is any doubt about the origin of spare parts, contact Liebherr Service!

For ordering equipment and spare parts, always keep the crane number handy and provide it.

Definition of directional data for mobile cranes

Driving forwards: Driving with the driver's cab on the front.

Driving in reverse: Driving with the taillights of the crane chassis on the front.

Front, rear, right, left in the **driver's cab** refer to the crane chassis. The driver's cab is always in the front.

Front, rear, right, left in the **crane operator's cab** refer to the superstructure. Front is always in direction of the placed down boom.

Definition of directional data for crawler cranes

Driving forwards: Driving forward from the view of the crane operator seated in the crane cab. Turntable in 0° or 180° position.

Driving in reverse: Driving backward from the view of the crane operator seated in the crane cab. Turntable in 0° or 180° position.

Front, rear, right, left always orient themselves on the **crawler track** from the position of the chain tension devices. The chain tension devices on the crawler track are always on the front.

Front, rear, right, left refer to the direction of view of the crane operator seated in the **crane cab**. Front is always in direction of the placed down boom.

Optional equipment and functions

The equipment marked with * and the functions are optionally available and are **not** part of the standard crane (optional equipment).

Conversion chart



Note

- ▶ If the crane is used in countries where US-units are customary, you can use the conversion factors in this chart for conversion of metric measuring units into US-units!

| | Unit of Measure | Multiply by | To obtain |
|---------------|--------------------------------------|-------------|--------------------------------|
| Length | millimeter (mm) | 0.03937 | inch (in) |
| | millimeter (mm) | 0.00328084 | foot (ft) |
| | meter (m) | 39.37 | inch (in) |
| | meter (m) | 3.28084 | foot (ft) |
| | meter (m) | 1.09361 | yard (yd) |
| | kilometer (km) | 0.62137 | mile (mi) |
| Area | square centimeter (cm ²) | 0.155 | square inch (in ²) |

| | Unit of Measure | Multiply by | To obtain |
|-------------------------------|---|----------------------|-----------------------------------|
| | square meter (m ²) | 10.7639 | square foot (ft ²) |
| | square meter (m ²) | 1.196 | square yard (yd ²) |
| | square kilometer (km ²) | 0.3861 | square mile (mi ²) |
| Volume | cubic centimeter (cm ³) | 0.06102 | cubic inch (in ³) |
| | cubic meter (m ³) | 35.3147 | cubic foot (ft ³) |
| | cubic meter (m ³) | 1.308 | cubic yard (yd ³) |
| | liter (L) | 61.024 | cubic inch (in ³) |
| | liter (L) | 0.035 | cubic foot (ft ³) |
| | liter (L) | 0.264 | gallon (U.S.) (gal) |
| Weight | gram (g) | 0.03527 | ounce (oz) |
| | kilogram (kg) | 2.20462 | pound (lb) |
| | metric ton (t) | 2204.62262 | pound (lb) |
| | metric ton (t) | 1.102 | short tons (U.S.) |
| Mass divided by length | kilogram per meter (kg/m) | 0.055998 | pound per inch (lb/in) |
| | kilogram per meter (kg/m) | 0.67197 | pound per foot (lb/ft) |
| Force | newton (N) | 0.2248 | pound-force (lbf) |
| | kilonewton (kN) | 224.809 | pound-force (lbf) |
| | kilonewton (kN) | 0.2248 | kip (1 kip = 1000 lbf) |
| Torque | newton meter (N·m) | 8.85075 | pound-force inch (lbf·in) |
| | newton meter (N·m) | 0.73756 | pound-force foot (lbf·ft) |
| Power | horsepower (metric) | 0.73549 | kilowatt (kW) |
| | horsepower (metric) | 0.98632 | horsepower (U.K.) |
| | kilowatt (kW) | 1.34102 | horsepower (U.K.) |
| Pressure | kilopascal (kPa) | 0.01 | bar (bar) |
| | kilopascal (kPa) | 0.1450377 | pound-force per square inch (psi) |
| | bar (bar) | 14.50377 | pound-force per square inch (psi) |
| | newton per square centimeter (N/cm ²) | 1.450377 | pound-force per square inch (psi) |
| | newton per square meter (N/m ²) | 0.0001450377 | pound-force per square inch (psi) |
| Speed | meter per second (m/s) | 39.37 | inch per second (in/s) |
| | meter per second (m/s) | 3.28084 | foot per second (ft/s) |
| | kilometer per hour (km/h) | 0.62137 | mile per hour (mi/h) |
| | liter per minute (l/min) | 0.26417 | gallon per minute (gal/min) |
| Temperature | degree Celsius (°C) | ([°C] · 1.8) + 32 | degree Fahrenheit (°F) |
| | kelvin (K) | ([K] · 1.8) - 459.67 | degree Fahrenheit (°F) |

Conversion chart version 1

LWE/18181-04-02/en

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18 Wind speed charts

Fig.195219

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1 Consideration of wind when interrupting crane operation (wind with crane out of service)



Note

- ▶ The wind speeds always refer to a 3-second wind gust speed at the highest point of the crane. For cranes, always assume a wind direction of 360°.
- ▶ Observe the height dependent wind speeds according to EN 13000:2010, see section *Height dependent wind speeds according to EN 13000:2010*.



WARNING

Set up configuration and / or position of the boom system endanger safety!

If the set up configuration and / or the position of the boom system is impermissible if a 3-second wind gust speed has been predicted, then the crane can topple over during a work break and / or structural components can be overloaded.

Personnel can be severely injured or killed.

- ▶ Make sure that the crane is parked in a safe position before a work break.

When the crane operator leaves the crane cab during a work break:

- ▶ Establish the set up configuration and position of the boom system as specified in the wind speed charts.
- ▶ Get a weather forecast with the 3-second wind gust speed, multiple times if necessary.



WARNING

Permissible 3-second wind gust speeds have been exceeded!

If the 3-second wind gust speed exceeds the permissible 3-second wind gust speeds, then the crane can topple over and / or structural components can be overloaded.

Personnel can be severely injured or killed.

- ▶ Obtain a weather forecast with the 3-second wind gust speed for the entire duration of crane operation from the local weather office.

If the forecast 3-second wind gust speed exceeds past the permissible 3-second wind gust speed according to the load chart during crane operation:

- ▶ Set the load down, establish the set up configuration and position of the boom system, as specified in the wind speed chart in relation to 3-second wind gust speeds.

When the weather forecast predicts a 3-second wind gust speed - in relation to the highest point on the crane - of higher than permissible in the respective wind speed charts:

- ▶ Start immediately with the take down procedure of the boom system, according to the erection and take down charts.



Note

No wind speed charts available!

For a set up configuration for which no wind speed charts are available:

- ▶ Observe and adhere the maximum wind speeds of the load charts.



Note

If more slewing gears are available than what is listed in the wind speed charts:

- ▶ Use the wind speed chart with the next smallest number of slewing gears.

1.1 Measures depending on the set up configuration

1.1.1 For lattice mast cranes, the following applies:



WARNING

Set up configuration and / or position of the boom system endanger safety!

If the set up configuration and / or the position of the boom system is impermissible if a 3-second wind gust speed has been predicted, then the crane can topple over during a work break and / or structural components can be overloaded.

Personnel can be severely injured or killed.

If crane operation is interrupted for a longer period of time:

- ▶ Take down the boom system in compliance with the erection and take down charts.

If the crane is parked for a longer period of time without supervision, for example during the night:

- ▶ Take down the boom system in compliance with the erection and take down charts.
- ▶ When erecting and taking down the boom system, adhere to the procedures which are specified in the respective chapters.

If the boom system cannot be taken down due to the local conditions:

- ▶ Drive the crane in compliance with the Crane operating instructions, chapter 4.10 and possibly existing driving charts (only for narrow track cranes) in time into an area where it is possible to take down the entire boom system.
- ▶ Observe the notes, see Crane operating instructions and / or safety guidelines of Liebherr-Werk Ehingen GmbH, Chapter 2.04, section "Interruption of crane operation".

If it is not possible to take down the boom system:

- ▶ Bring the crane as well as the boom system into a defined condition according to the respective wind speed chart.



WARNING

Impermissible derrick ballast!

Toppling crane, failure of crane structures.

Death or severe injuries, high property damage.

When the derrick ballast radius is specified with 0 t:

- ▶ Place the derrick ballast on the ground.

1.1.2 The following applies for telescopic cranes:



WARNING

Set up configuration and / or position of the boom system endanger safety!

If the set up configuration and / or the position of the boom system is impermissible if a 3-second wind gust speed has been predicted, then the crane can topple over during a work break and / or structural components can be overloaded.

Personnel can be severely injured or killed.

If crane operation is interrupted for a longer period of time:

- ▶ Telescope the telescopic boom to the shortest possible telescopic boom length.

If the crane is parked for a longer period of time without supervision, for example during the night:

- ▶ Telescope the telescopic boom in and take the equipment down completely! Luff the telescopic boom down to 0°.
- ▶ When erecting and taking down the boom system, adhere to the procedures which are specified in the respective chapters.

If the boom system cannot be taken down due to the local conditions:

- ▶ Telescope the telescopic boom into the shortest possible telescopic boom length and park in the set up configuration and the position of the boom system, which is specified in the wind speed chart in relation to 3-second wind gust speeds.
- ▶ Observe the notes, see Crane operating instructions and / or safety guidelines of Liebherr-Werk Ehingen GmbH, Chapter 2.04, section "Interruption of crane operation".

1.2 Wind speed charts for *variable support*

For *variable support*: Observe and adhere to the wind speed charts according to the supporting base for the smallest extension length of the sliding beams.

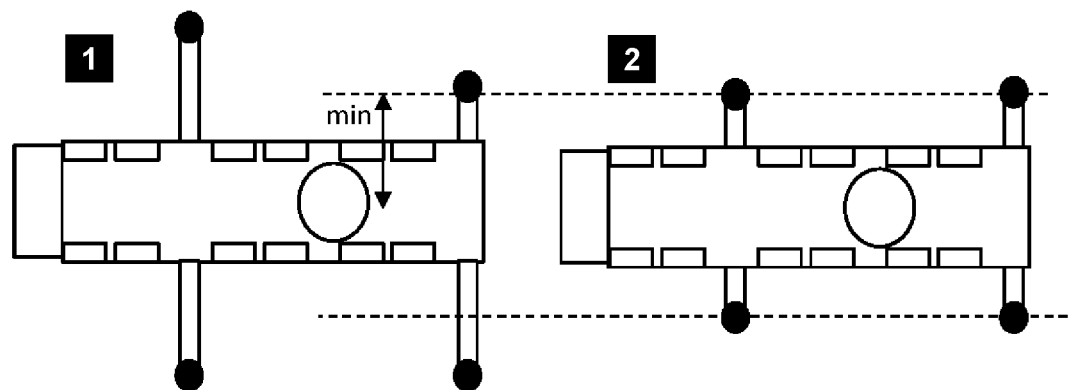


Fig.121577: Example for the selection of wind speed charts for *variable support*

Example for the selection of wind speed charts for *variable support*:

- The crane is supported with *variable support* according to illustration 1.
- Select wind speed charts according to the supporting base in illustration 2.



Note

No wind speed charts available!

If the smallest extension length of a sliding beam is less than those of the wind speed charts on hand:

- ▶ Observe and adhere the maximum wind speeds of the load charts.

1.3 3-second wind gust speed **VWAB**



Note

► In some charts, **VWAB** is also described as **VWMAX**.

Explanations for **VWAB**:

- **VWAB** is the maximum permissible 3-second wind gust speed.
 - With applied slewing gear brake.
 - At set up configuration of the crane and position of the boom system as specified in the wind speed chart.
- The permissible 3-second wind gust speeds are specified for all extension conditions for the telescopic boom. So that measures can be taken about further procedure at wind speeds, which are higher than permissible according to the load chart.
- The permissible 3-second wind gust speeds are noted for all boom lengths for the various lattice mast boom systems. If the maximum permissible 3-second wind gust speed **VWAB** is expected to be exceeded, place the boom system down in time in compliance with the erection and take down charts.



WARNING

Uncontrolled rotation due to side wind!

If the parking brake is released, uncontrolled rotation can occur due to side wind. The crane can collide with close-by structures or objects.

Personnel can be severely injured or killed.

► Keep the parking brake applied during a work break.



WARNING

Set up configuration of the crane and / or position of the boom is impermissible at predicted 3-second wind gust speed!

If the predicted 3-second wind gust speed exceeds the permissible **VWAB** during an interruption of crane operation, then the crane can topple over and / or structural components can be overloaded. Personnel can be severely injured or killed.

If the predicted 3-second wind gust speed exceeds the permissible **VWAB** during the interruption of crane operation:

- Take the boom down immediately.
- Take-down is only possible up to the maximum permitted wind speed **VWRST** and / or according to the data on the erection and take-down charts.

1.4 3-second wind gust speed **VWABF**

Explanations for **VWABF**:

- **VWABF** is the maximum permissible 3-second wind gust speed.
 - Where turning against the wind is still possible.
 - At set up configuration of the crane and position of the boom system as specified in the wind speed chart.



WARNING

Uncontrolled rotation due to side wind!

If the 3-second wind gust speed, with actuated slewing gear, exceeds the permissible **VWABF**, then no controlled rotation movement is possible due to the wind influences. The crane can collide with close-by structures or objects.

Personnel can be severely injured or killed.

- End the rotation movement by carefully deflecting the master switch.
- Do **NOT** actuate the foot button in side wind: The slewing gear may not be set to freewheeling.

1.5 3-second wind gust speed VWRST

Explanations for **VWRST**:

- **VWRST** is the maximum permissible 3-second wind gust speed.
 - With applied slewing gear brake.
 - Where erection and take down of the boom system is permissible.



WARNING

Uncontrolled rotation due to side wind!

If the parking brake is released, uncontrolled rotation can occur due to side wind. The crane can collide with close-by structures or objects.

Personnel can be severely injured or killed.

- ▶ Keep the parking brake applied during the erection and take down procedure.



WARNING

3-second wind gust speed exceeds the permissible **VWRST**!

If the predicted 3-second wind gust speed exceeds the permissible **VWRST** for erection and take down of the boom system, then the crane can topple over and / or structural components can be overloaded.

- ▶ Before erection or take down, make sure that the **VWRST** is not exceeded during erection and take down.



WARNING

Erection or take down of boom is impermissible at predicted high 3-second wind gust speed!

If the 3-second wind gust speed exceeds the permissible **VWRST** during erection and take down of the boom system with applied slewing gear brake, then the crane can topple over and / or structural components can be overloaded.

Personnel can be severely injured or killed.

- ▶ For erection or take down of the boom system with the equipment, the procedures must be adhered to, see Crane operating instructions.



Note

- ▶ Check if there is enough space on the jobsite to take down the equipment in case of sudden strong wind.

2 Conversion chart for wind force



Note

- The influence of the wind on the surrounding is described clearly in the Beaufort scale to provide an orientation for the crane driver.
- The wind force of the Beaufort scale refers to the wind speed determined over 10 minutes at a height of 10 m.

| Wind force | | Wind speed | | Effect of the wind |
|-----------------|-----------------------------|---------------|--------------|---|
| Beaufort number | Description | [m/s] | [km/h] | Inland |
| 0 | Calm | 0 to 0.2 | 1 | Calm, smoke rises vertically |
| 1 | Slight air movement (draft) | 0.3 to 1.5 | 1 to 5 | Wind direction is shown only by observing the trail of smoke, not by the wind sock |
| 2 | Light breeze | 1.6 to 3.3 | 6 to 11 | Wind can be felt on the face, the leaves rustle, wind sock moves slightly |
| 3 | Gentle breeze | 3.4 to 5.4 | 12 to 19 | Leaves and small twigs in constant motion Wind extends a flag |
| 4 | Moderate breeze | 5.5 to 7.9 | 20 to 28 | Swirls up dust and loose paper, moves twigs and thin branches |
| 5 | Fresh breeze | 8.0 to 10.7 | 29 to 38 | Small deciduous trees begin to sway, whitecaps form at sea |
| 6 | Strong breeze | 10.8 to 13.8 | 39 to 49 | Thicker branches move; telephone lines begin to whistle, umbrellas are difficult to use |
| 7 | Near gale | 13.9 to 17.1 | 50 to 61 | Entire trees swaying; difficult to walk into wind |
| 8 | Gale force wind | 17.2 to 20.7 | 62 to 74 | Breaks branches off trees, impedes walking in open areas considerably |
| 9 | Gale | 20.8 to 24.4 | 75 to 88 | Minor damage to property (chimney caps and roofing tile are blown off) |
| 10 | Severe storm | 24.5 to 28.4 | 89 to 102 | Trees are uprooted, significant damage to property |
| 11 | Violent storm | 28.5 to 32.6 | 103 to 117 | Extensive, widespread storm damage |
| 12 | Hurricane | 32.7 and more | 118 and more | Major destruction |

Beaufort scale

3 Height dependent wind speeds according to EN 13000:2010



Note

- The maximum permissible wind speed (v_{\max}) and the maximum permissible wind speed according to the load chart (v_{\max_TAB}) always refers to the 3 second wind gust speed, which is present in the maximum height of the crane.
- Instead of the 3 second wind gust speed, weather information services often report a wind speed (v_m), which is averaged within a time period of 10 minutes (so-called 10 minute average). It refers to the wind force on the Beaufort scale, normally to the medium value of the wind speed, which is determined within a time from of 10 minutes at a height of 10 m above ground or above sea level.
- The determining factor for the calculation of the 3 second wind gust speed in maximum height of the crane is significantly higher than the medium value of the wind speed, which is determined over a time of 10 minutes at a height of 10 m above ground.



Note

- The following chart shows the 3-second wind gust speed depending on the height and the Beaufort number and / or the wind speed determined over a time of 10 minutes at a height of 10 m.
- With the aid of this chart the 3-second wind gust speed for a certain height can be determined.

| Beaufort number | 3 | 4 | 5 ^a | 5 | 6 | 7 ^a | 7 | 8 | 9 | 10 |
|---------------------------|--------------|------|----------------|------|------|----------------|------|------|------|------|
| v_m [m/s ^b] | 5.4 | 7.9 | 10.1 | 10.7 | 13.8 | 14.3 | 17.1 | 20.7 | 24.4 | 28.4 |
| z [m] | $v(z)$ [m/s] | | | | | | | | | |
| 10 | 7.6 | 11.1 | 14.1 | 15.0 | 19.3 | 20.0 | 23.9 | 29.0 | 34.2 | 39.8 |
| 20 | 8.1 | 11.9 | 15.2 | 16.1 | 20.7 | 21.5 | 25.7 | 31.1 | 36.6 | 42.7 |
| 30 | 8.5 | 12.4 | 15.8 | 16.8 | 21.6 | 22.4 | 26.8 | 32.4 | 38.2 | 44.5 |
| 40 | 8.7 | 12.8 | 16.3 | 17.3 | 22.3 | 23.1 | 27.6 | 33.4 | 39.4 | 45.8 |
| 50 | 8.9 | 13.1 | 16.7 | 17.7 | 22.8 | 23.6 | 28.3 | 34.2 | 40.3 | 46.9 |
| 60 | 9.1 | 13.3 | 17.0 | 18.0 | 23.3 | 24.1 | 28.8 | 34.9 | 41.1 | 47.9 |
| 70 | 9.3 | 13.5 | 17.3 | 18.3 | 23.6 | 24.5 | 29.3 | 35.5 | 41.8 | 48.7 |
| 80 | 9.4 | 13.7 | 17.6 | 18.6 | 24.0 | 24.8 | 29.7 | 36.0 | 42.4 | 49.4 |
| 90 | 9.5 | 13.9 | 17.8 | 18.8 | 24.3 | 25.1 | 30.1 | 36.4 | 42.9 | 50.0 |
| 100 | 9.6 | 14.1 | 18.0 | 19.1 | 24.6 | 25.4 | 30.4 | 36.9 | 43.4 | 50.6 |
| 110 | 9.7 | 14.2 | 18.2 | 19.2 | 24.8 | 25.7 | 30.8 | 37.2 | 43.9 | 51.1 |
| 120 | 9.8 | 14.3 | 18.3 | 19.4 | 25.1 | 25.9 | 31.1 | 37.6 | 44.3 | 51.6 |
| 130 | 9.9 | 14.5 | 18.5 | 19.6 | 25.3 | 26.2 | 31.3 | 37.9 | 44.7 | 52.0 |
| 140 | 10.0 | 14.6 | 18.7 | 19.8 | 25.5 | 26.4 | 31.6 | 38.2 | 45.1 | 52.5 |
| 150 | 10.0 | 14.7 | 18.8 | 19.9 | 25.7 | 26.6 | 31.8 | 38.5 | 45.4 | 52.9 |
| 160 | 10.1 | 14.8 | 18.9 | 20.1 | 25.9 | 26.8 | 32.1 | 38.8 | 45.7 | 53.2 |
| 170 | 10.2 | 14.9 | 19.1 | 20.2 | 26.0 | 27.0 | 32.3 | 39.1 | 46.0 | 53.6 |
| 180 | 10.3 | 15.0 | 19.2 | 20.3 | 26.2 | 27.1 | 32.5 | 39.3 | 46.3 | 53.9 |
| 190 | 10.3 | 15.1 | 19.3 | 20.4 | 26.4 | 27.3 | 32.7 | 39.5 | 46.6 | 54.2 |
| 200 | 10.4 | 15.2 | 19.4 | 20.6 | 26.5 | 27.4 | 32.8 | 39.8 | 46.9 | 54.6 |

| Beaufort number | 3 | 4 | 5 ^a | 5 | 6 | 7 ^a | 7 | 8 | 9 | 10 |
|--|---|---|--------------------------|---|-----------------------|----------------|---------------------------|---|----------------------------|----|
| ^a Wind stages for the crane in operation: | | | | | | | | | | |
| 1 light | | | $v_m = 10.1 \text{ m/s}$ | | at $z = 10 \text{ m}$ | | $v(z) = 14.1 \text{ m/s}$ | | $q(z) = 125 \text{ N/m}^2$ | |
| 2 normal | | | $v_m = 14.3 \text{ m/s}$ | | at $z = 10 \text{ m}$ | | $v(z) = 20.0 \text{ m/s}$ | | $q(z) = 250 \text{ N/m}^2$ | |
| ^b Upper limit of Beaufort scale | | | | | | | | | | |

3-second wind gust speed depending on the height and the Beaufort number and / or the wind speed determined over a time of 10 minutes at a height of 10 m

| Sign | Unit | Definition |
|--------|---------------------|---|
| v_m | [m/s] | Wind speed determined over a time of 10 minutes at a height of 10 m |
| z | [m] | Height above level ground |
| $v(z)$ | [m/s] | Speed effective at height z , decisive for the calculation of a 3 second gust |
| $q(z)$ | [N/m ²] | At a height z effective quasi-static back pressure, determined from $v(z)$ |

Symbol

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Fig.195219

LWE/18181-04-02/en

1 Overview of wind speed charts

| Operating mode | Prerequisite | Chart number |
|----------------|---|--------------------|
| S | OWB 190 t / 170 t / 150 t , 2 DWG | WAB-TAB18100130-00 |
| S | OWB 130 t / 110 t , 2 DWG | WAB-TAB18100131-00 |
| S | OWB 70 t / 30 t , 2 DWG | WAB-TAB18100132-00 |
| SL | OWB 190 t / 170 t / 150 t , 2 DWG | WAB-TAB18100133-00 |
| SL | OWB 130 t / 110 t , 2 DWG | WAB-TAB18100134-00 |
| SL | OWB 70 t / 30 t , 2 DWG | WAB-TAB18100135-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 67.5 t , ZBL 65 t , HKFL 7 t , 2 DWG | WAB-TAB18100436-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 67.5 t , ZBL 65 t , HKFL 14 t , 2 DWG | WAB-TAB18100437-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 67.5 t , ZBL 65 t , HKFL 7 t , 2 DWG | WAB-TAB18100438-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 67.5 t , ZBL 65 t , HKFL 14 t , 2 DWG | WAB-TAB18100439-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 67.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100442-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 67.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100443-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 67.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100444-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 67.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100445-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 47.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100448-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 47.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100449-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 47.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100450-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 47.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100451-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 27.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100454-00 |
| SL | on supports 17.5 m x 10 m , OWB 90 t , DB 27.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100455-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 27.5 t , ZBL 45 t , HKFL 7 t , 2 DWG | WAB-TAB18100456-00 |
| SL | on supports 14 m x 14 m , OWB 90 t , DB 27.5 t , ZBL 45 t , HKFL 14 t , 2 DWG | WAB-TAB18100457-00 |
| SLF | OWB 190 t , 2 DWG | WAB-TAB18100136-00 |
| SLF | OWB 170 t , 2 DWG | WAB-TAB18100137-00 |
| SLF | OWB 150 t , 2 DWG | WAB-TAB18100138-00 |
| SLF | OWB 130 t , 2 DWG | WAB-TAB18100139-00 |

| Operating mode | Prerequisite | Chart number |
|----------------|---|--------------------|
| SLF | OWB 110 t , 2 DWG | WAB-TAB18100140-00 |
| SL3F | OWB 190 t , 2 DWG | WAB-TAB18100141-00 |
| SL3F | OWB 170 t , 2 DWG | WAB-TAB18100142-00 |
| SL3F | OWB 150 t , 2 DWG | WAB-TAB18100143-00 |
| SL3F | OWB 130 t , 2 DWG | WAB-TAB18100144-00 |
| SL3F | OWB 110 t , 2 DWG | WAB-TAB18100145-00 |
| SD | OWB 150 t , 2 DWG | WAB-TAB18100146-00 |
| SDB | OWB 150 t , 2 DWG | WAB-TAB18100146-00 |
| SLD | OWB 150 t , 2 DWG | WAB-TAB18100147-00 |
| SLDB | OWB 150 t , 2 DWG | WAB-TAB18100147-00 |
| SL2D | OWB 150 t , 2 DWG | WAB-TAB18100148-00 |
| SL2DB | OWB 150 t , 2 DWG | WAB-TAB18100148-00 |
| SL2D | OWB 150 t , 2 DWG, auxiliary lengths "3m section" | WAB-TAB18100247-00 |
| SL2DB | OWB 150 t , 2 DWG, auxiliary lengths "3m section" | WAB-TAB18100247-00 |
| SL2DF | OWB 150 t , 2 DWG | WAB-TAB18100149-00 |
| SL2DFB | OWB 150 t , 2 DWG | WAB-TAB18100149-00 |
| SL4DF | OWB 150 t , 2 DWG | WAB-TAB18100150-00 |
| SL4DFB | OWB 150 t , 2 DWG | WAB-TAB18100150-00 |
| SL13DFB | OWB 190 t , 2 DWG | WAB-TAB18100486-00 |
| SL13DFB2 | OWB 190 t , 2 DWG | WAB-TAB18100409-00 |
| SL14DB | OWB 190 t , 2 DWG | WAB-TAB18100488-00 |
| SL14DB2 | OWB 190 t , 2 DWG | WAB-TAB18100411-00 |

TSP_181-05-02B

2 Overview Wind speed charts for fastened load

| Operating mode | Prerequisite | Chart number |
|----------------|-------------------|--------------------|
| SL13DFB | OWB 190 t , 2 DWG | WAB-TAB18100487-00 |
| SL13DFB2 | OWB 190 t , 2 DWG | WAB-TAB18100410-00 |
| SL14DB | OWB 190 t , 2 DWG | WAB-TAB18100489-00 |
| SL14DB2 | OWB 190 t , 2 DWG | WAB-TAB18100412-00 |

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Fig.195219

1 Explanations for wind speed charts



Note

► The listed abbreviations depend on the crane type and are therefore not always available in the charts.

| Abbreviation | Description |
|--------------|---|
| A | Adapter / Telescopic boom extension |
| D | Derrick boom length |
| DB | Derrick ballast |
| DBAL1 | Ballast to be pulled via the derrick ballast cylinders |
| DBAL2 | Minimum weight of the suspended ballast pallet or the ballast trailer |
| DRAD | Radius to derrick ballast |
| DWG | Number of slewing gears |
| FMESS[1] | Test point force to be set on test point 1 when positioning the crane |
| FMESS[2] | Test point force to be set on test point 2 when positioning the crane |
| FMESS[3] | Test point force to be set on test point 3 when positioning the crane |
| HA | Main boom / telescopic boom with extension condition Notice: For telescopic booms with telescopic boom guying: Extension conditions for which no load charts are available in guyed condition may not be guyed! |
| HI | Length of movable and fixed accessories (N = luffing lattice jib; W = luffing lattice jib; K = folding jib, installed at a fixed angle to the main boom; F = fixed lattice jib, installed at a fixed angle to the main boom; WV = luffing lattice jib installed at a fixed angle to the main boom; H = auxiliary boom) |
| HKFL | Maximum possible hook block weight In operating modes where an auxiliary jib is installed, the permissible sum of the hook block weights must be taken from the column. Note: If the weight of the installed hook block exceeds the maximum possible hook block weight, a wind speed chart must be selected with a hook block weight that is greater than the weight of the installed hook block. In the case of a telescopic crane, telescope in to establish a condition that permits the weight of the installed hook block. If there are no wind speed charts with the weight of the installed hook block available, the maximum permitted wind speed in the corresponding load chart must be observed. |
| OWB | Turntable ballast, counterweight Note: For some wind speed charts, the counterweight is variable. In these charts, the value "var." is noted in the column OWB. The permissible counterweights can be seen in the note before the respective chart! |
| RAD | Radius of hook block to the center of the roller ring connection |
| VWABF | Maximum permissible speed of a 3 second wind gust at 360° wind direction where turning against the wind is still possible. The following applies additionally for lattice mast cranes: |

| Abbreviation | Description |
|--------------|---|
| | In addition, it has been taken into account that with fixed slewing brakes, the luffing boom or in main mast operation the main boom can be held in horizontal position (0 degrees) by the slewing brakes against the side wind. |
| VWMAX/VWAB | Maximum permissible speed of a 3 second wind gust at 360° wind direction and applied slewing gear brakes |
| VWABW | Permissible speed of a 3 second wind gust with wind coming from the rear, with applied slewing gear brakes and a defined inflow angle (see schematic illustration and chart) |
| VWRST | Maximum permissible speed of a 3 second wind gust at 360° wind direction for erection and take-down of the boom |
| WHA | Angle data: Main boom to the horizontal Notice: The angle position can be outside the load charts. |
| WHI | Angle data of moveable and fixed accessories For moveable accessories (N = luffing lattice jib. W = luffing lattice jib; WV = luffing lattice jib, installed at a fixed angle to the main boom), the angle to the horizontal is provided. For fixed accessories (K = folding jib; F = fixed lattice jib), the intermediate angle between the main boom and the fixed jib is provided. Notice: The angle position can be outside the load charts. |
| ZBL | Central ballast |

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Fig.195219

1 S-operation



Note

- Superstructure ballast 190t/170t/150t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100130-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| S-24 | | | 26 | | 24.0 | 16.0 | 190.0 | | | 30.0 | 30.0 | 12.6 |
| S-24 | | | 26 | | 24.0 | 16.0 | 170.0 | | | 30.0 | 30.0 | 12.6 |
| S-24 | | | 26 | | 24.0 | 16.0 | 150.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 24 | | 29.7 | 16.0 | 190.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 24 | | 29.7 | 16.0 | 170.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 24 | | 29.7 | 16.0 | 150.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 29 | | 34.0 | 16.0 | 190.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 38 | | 31.1 | 16.0 | 170.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 46 | | 27.9 | 16.0 | 150.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 48 | | 31.0 | 16.0 | 190.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 54 | | 27.7 | 16.0 | 170.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 56 | | 26.5 | 16.0 | 150.0 | | | 30.0 | 30.0 | 12.6 |
| S-48 | | | 60 | | 27.1 | 16.0 | 190.0 | | | 30.0 | 26.6 | 12.6 |
| S-48 | | | 70 | | 19.7 | 16.0 | 170.0 | | | 30.0 | 26.5 | 12.6 |
| S-48 | | | 70 | | 19.7 | 16.0 | 150.0 | | | 30.0 | 26.5 | 12.6 |
| S-54 | | | 69 | | 22.6 | 16.0 | 190.0 | | | 30.0 | 23.6 | 12.6 |
| S-54 | | | 70 | | 21.7 | 16.0 | 170.0 | | | 30.0 | 23.6 | 12.6 |
| S-54 | | | 70 | | 21.7 | 16.0 | 150.0 | | | 30.0 | 23.5 | 12.6 |
| S-60 | | | 70 | | 23.8 | 16.0 | 190.0 | | | 29.5 | 21.4 | 12.6 |
| S-60 | | | 70 | | 23.8 | 16.0 | 170.0 | | | 29.6 | 21.3 | 12.6 |
| S-60 | | | 70 | | 23.8 | 16.0 | 150.0 | | | 29.7 | 21.3 | 12.6 |
| S-66 | | | 72 | | 23.7 | 16.0 | 190.0 | | | 28.2 | 19.3 | 12.6 |
| S-66 | | | 72 | | 23.7 | 16.0 | 170.0 | | | 28.2 | 19.3 | 12.6 |
| S-66 | | | 72 | | 23.7 | 16.0 | 150.0 | | | 28.2 | 19.2 | 12.6 |
| S-72 | | | 73 | | 24.3 | 16.0 | 190.0 | | | 26.8 | 17.6 | 12.6 |
| S-72 | | | 73 | | 24.3 | 16.0 | 170.0 | | | 26.9 | 17.6 | 12.6 |
| S-72 | | | 73 | | 24.3 | 16.0 | 150.0 | | | 27.0 | 17.5 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100130-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| S-78 | | | 74 | | 24.8 | 16.0 | 190.0 | | | 25.5 | 16.2 | 12.6 |
| S-78 | | | 74 | | 24.8 | 15.0 | 170.0 | | | 25.5 | 16.2 | 12.6 |
| S-78 | | | 74 | | 24.8 | 14.0 | 150.0 | | | 25.5 | 16.2 | 12.6 |
| S-84 | | | 75 | | 25.0 | 10.0 | 190.0 | | | 24.4 | 15.1 | 12.6 |
| S-84 | | | 75 | | 25.0 | 9.0 | 170.0 | | | 24.4 | 15.1 | 12.6 |
| S-84 | | | 75 | | 25.0 | 8.0 | 150.0 | | | 24.4 | 15.1 | 12.6 |
| S-90 | | | 76 | | 25.1 | 7.0 | 190.0 | | | 23.5 | 14.1 | 12.6 |
| S-90 | | | 76 | | 25.1 | 7.0 | 170.0 | | | 23.5 | 14.1 | 12.6 |
| S-96 | | | 76 | | 26.5 | 5.0 | 190.0 | | | 22.6 | 13.2 | 12.6 |

2 S-operation



Note

- Superstructure ballast 130t/110t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100131-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| S-24 | | | 26 | | 24.0 | 16.0 | 130.0 | | | 30.0 | 30.0 | 12.6 |
| S-24 | | | 26 | | 24.0 | 16.0 | 110.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 31 | | 28.2 | 16.0 | 130.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 41 | | 25.4 | 16.0 | 110.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 50 | | 26.1 | 16.0 | 130.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 50 | | 26.1 | 16.0 | 110.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 56 | | 26.5 | 16.0 | 130.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 56 | | 26.5 | 16.0 | 110.0 | | | 30.0 | 30.0 | 12.6 |
| S-48 | | | 70 | | 19.7 | 16.0 | 130.0 | | | 30.0 | 26.4 | 12.6 |
| S-48 | | | 70 | | 19.7 | 16.0 | 110.0 | | | 30.0 | 26.3 | 12.6 |
| S-54 | | | 70 | | 21.7 | 16.0 | 130.0 | | | 30.0 | 23.5 | 12.6 |
| S-54 | | | 70 | | 21.7 | 16.0 | 110.0 | | | 30.0 | 23.4 | 12.6 |
| S-60 | | | 70 | | 23.8 | 16.0 | 130.0 | | | 29.9 | 21.2 | 12.6 |
| S-60 | | | 70 | | 23.8 | 16.0 | 110.0 | | | 29.8 | 21.1 | 12.6 |
| S-66 | | | 72 | | 23.7 | 16.0 | 130.0 | | | 28.2 | 19.2 | 12.6 |
| S-66 | | | 72 | | 23.7 | 15.0 | 110.0 | | | 28.2 | 19.2 | 12.6 |
| S-72 | | | 73 | | 24.3 | 13.0 | 130.0 | | | 27.0 | 17.6 | 12.6 |
| S-72 | | | 73 | | 24.3 | 9.0 | 110.0 | | | 27.0 | 17.6 | 12.6 |
| S-78 | | | 74 | | 24.8 | 8.0 | 130.0 | | | 25.5 | 16.3 | 12.6 |
| S-78 | | | 74 | | 24.8 | 5.0 | 110.0 | | | 25.5 | 16.4 | 12.6 |

3 S-operation


Note

- Superstructure ballast 70t/30t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100132-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| S-24 | | | 27 | | 23.8 | 16.0 | 70.0 | | | 30.0 | 30.0 | 12.6 |
| S-24 | | | 27 | | 23.8 | 16.0 | 30.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 41 | | 25.4 | 16.0 | 70.0 | | | 30.0 | 30.0 | 12.6 |
| S-30 | | | 44 | | 24.4 | 16.0 | 30.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 50 | | 26.1 | 16.0 | 70.0 | | | 30.0 | 30.0 | 12.6 |
| S-36 | | | 70 | | 15.6 | 16.0 | 30.0 | | | 30.0 | 30.0 | 12.6 |
| S-42 | | | 56 | | 26.5 | 16.0 | 70.0 | | | 30.0 | 29.9 | 12.6 |
| S-42 | | | 70 | | 17.6 | 16.0 | 30.0 | | | 30.0 | 29.7 | 12.6 |
| S-48 | | | 70 | | 19.7 | 16.0 | 70.0 | | | 30.0 | 26.2 | 12.6 |
| S-48 | | | 70 | | 19.7 | 12.0 | 30.0 | | | 30.0 | 26.2 | 12.6 |
| S-54 | | | 70 | | 21.7 | 16.0 | 70.0 | | | 30.0 | 23.3 | 12.6 |
| S-54 | | | 72 | | 20.0 | 5.0 | 30.0 | | | 29.2 | 23.4 | 12.6 |
| S-60 | | | 70 | | 23.8 | 10.0 | 70.0 | | | 29.7 | 21.2 | 12.6 |
| S-66 | | | 72 | | 23.7 | 4.0 | 70.0 | | | 28.2 | 19.4 | 12.6 |

4 SL-operation



Note

- Superstructure ballast 190t/170t/150t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100133-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 70 | | 21.7 | 11.0 | 190.0 | | | 28.4 | 24.4 | 12.6 |
| SL-54 | | | 70 | | 21.7 | 11.0 | 170.0 | | | 28.4 | 24.4 | 12.6 |
| SL-54 | | | 70 | | 21.7 | 11.0 | 150.0 | | | 28.4 | 24.3 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 190.0 | | | 28.1 | 22.1 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 170.0 | | | 28.1 | 22.0 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 150.0 | | | 28.1 | 21.9 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 11.0 | 190.0 | | | 27.5 | 20.0 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 11.0 | 170.0 | | | 27.6 | 19.9 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 11.0 | 150.0 | | | 27.7 | 19.9 | 12.6 |
| SL-72 | | | 72 | | 25.5 | 11.0 | 190.0 | | | 26.2 | 18.3 | 12.6 |
| SL-72 | | | 72 | | 25.5 | 11.0 | 170.0 | | | 26.2 | 18.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 11.0 | 150.0 | | | 26.2 | 18.2 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 11.0 | 190.0 | | | 25.0 | 17.0 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 11.0 | 170.0 | | | 25.1 | 17.0 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 11.0 | 150.0 | | | 25.2 | 16.9 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 11.0 | 190.0 | | | 24.0 | 15.7 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 11.0 | 170.0 | | | 24.1 | 15.7 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 11.0 | 150.0 | | | 24.1 | 15.6 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 11.0 | 190.0 | | | 23.1 | 14.6 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 10.0 | 170.0 | | | 23.1 | 14.5 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 8.0 | 150.0 | | | 23.2 | 14.6 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7.0 | 190.0 | | | 22.4 | 13.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 6.0 | 170.0 | | | 22.5 | 13.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 5.0 | 150.0 | | | 22.5 | 13.7 | 12.6 |
| SL-102 | | | 76 | | 28.0 | 5.0 | 190.0 | | | 21.5 | 12.9 | 12.6 |

5 SL-operation



Note

- Superstructure ballast 130t/110t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100134-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 70 | | 21.7 | 11.0 | 130.0 | | | 28.4 | 24.2 | 12.6 |
| SL-54 | | | 70 | | 21.7 | 11.0 | 110.0 | | | 28.4 | 24.2 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 130.0 | | | 28.1 | 21.9 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 110.0 | | | 28.1 | 21.8 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 11.0 | 130.0 | | | 27.8 | 19.8 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 11.0 | 110.0 | | | 27.9 | 19.8 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 11.0 | 130.0 | | | 26.3 | 18.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 11.0 | 110.0 | | | 26.3 | 18.1 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 11.0 | 130.0 | | | 25.2 | 16.9 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 9.0 | 110.0 | | | 25.2 | 16.9 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 8.0 | 130.0 | | | 24.2 | 15.7 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 5.0 | 110.0 | | | 24.1 | 15.7 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 4.0 | 130.0 | | | 23.3 | 14.6 | 12.6 |

6 SL-operation



Note

- Superstructure ballast 70t/30t
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | WAB-TAB18100135-00 | | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 70 | | 21.7 | 11.0 | 70.0 | | | 28.4 | 24.0 | 12.6 |
| SL-54 | | | 70 | | 21.7 | 9.0 | 30.0 | | | 28.4 | 24.0 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 11.0 | 70.0 | | | 28.1 | 21.7 | 12.6 |
| SL-60 | | | 71 | | 22.8 | 4.0 | 30.0 | | | 27.2 | 21.8 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 8.0 | 70.0 | | | 27.7 | 19.7 | 12.6 |

7 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 65t
- Turntable extension 67.5t
- Hook block weight 7t
- Supporting base 17.5m x 10m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100436-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 65 | | 28.3 | 24.8 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 65 | | 27.7 | 22.3 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 65 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 65 | | 26.5 | 18.6 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 65 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 65 | | 24.4 | 16.1 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 65 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 65 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 65 | | 21.6 | 13.1 | 12.6 |

8 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 65t
- Turntable extension 67.5t
- Hook block weight 14t
- Supporting base 17.5m x 10m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100437-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 65 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 65 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 65 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 65 | | 26.5 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 65 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 65 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 65 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 65 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 65 | | 21.6 | 13.0 | 12.6 |

9 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- ▶ Make sure that all prerequisites from the wind speed chart are adhered to.
- ▶ Make sure that all data from the wind speed chart are adhered to.



Note

- ▶ Superstructure ballast 90t
- ▶ Central ballast 65t
- ▶ Turntable extension 67.5t
- ▶ Hook block weight 7t
- ▶ Supporting base 14m x 14m
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100438-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 65 | | 28.3 | 24.8 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 65 | | 27.7 | 22.3 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 65 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 65 | | 26.5 | 18.6 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 65 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 65 | | 24.4 | 16.1 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 65 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 65 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 65 | | 21.6 | 13.1 | 12.6 |

10 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 65t
- Turntable extension 67.5t
- Hook block weight 14t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100439-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 65 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 65 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 65 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 65 | | 26.5 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 65 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 65 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 65 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 65 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 65 | | 21.6 | 13.0 | 12.6 |

11 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 67.5t
- Hook block weight 7t
- Supporting base 17.5m x 10m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100442-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.8 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.3 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.5 | 18.6 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.1 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.6 | 13.1 | 12.6 |

12 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

► Superstructure ballast 90t

► Central ballast 45t

► Turntable extension 67.5t

► Hook block weight 14t

► Supporting base 17.5m x 10m

► Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100443-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.5 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.6 | 13.0 | 12.6 |

13 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 67.5t
- Hook block weight 7t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100444-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.8 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.3 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.5 | 18.6 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.1 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.6 | 13.1 | 12.6 |

14 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 67.5t
- Hook block weight 14t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100445-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.5 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.6 | 13.0 | 12.6 |

15 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 47.5t
- Hook block weight 7t
- Supporting base 17.5m x 10m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100448-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.7 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.6 | 18.5 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.0 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.7 | 13.1 | 12.6 |

16 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- ▶ Make sure that all prerequisites from the wind speed chart are adhered to.
- ▶ Make sure that all data from the wind speed chart are adhered to.



Note

- ▶ Superstructure ballast 90t
- ▶ Central ballast 45t
- ▶ Turntable extension 47.5t
- ▶ Hook block weight 14t
- ▶ Supporting base 17.5m x 10m
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100449-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.1 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.6 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.1 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.6 | 12.9 | 12.6 |

17 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 47.5t
- Hook block weight 7t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100450-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.7 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.2 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.6 | 18.5 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.3 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.0 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.9 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.7 | 13.1 | 12.6 |

18 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 47.5t
- Hook block weight 14t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100451-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.1 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.6 | 18.4 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.1 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.9 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.8 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.6 | 12.9 | 12.6 |

19 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 27.5t
- Hook block weight 7t
- Supporting base 17.5m x 10m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100454-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.7 | 18.5 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.0 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.6 | 13.0 | 12.6 |

20 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

► Superstructure ballast 90t

► Central ballast 45t

► Turntable extension 27.5t

► Hook block weight 14t

► Supporting base 17.5m x 10m

► Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100455-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.5 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.0 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.0 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.6 | 18.3 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.1 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.8 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.7 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.5 | 12.9 | 12.6 |

21 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 27.5t
- Hook block weight 7t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100456-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 7 | 90 | 45 | | 28.3 | 24.6 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 7 | 90 | 45 | | 27.7 | 22.2 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 7 | 90 | 45 | | 27.6 | 20.1 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 7 | 90 | 45 | | 26.7 | 18.5 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 7 | 90 | 45 | | 25.2 | 17.2 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 7 | 90 | 45 | | 24.4 | 16.0 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 7 | 90 | 45 | | 23.4 | 14.8 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 7 | 90 | 45 | | 22.4 | 13.9 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 7 | 90 | 45 | | 21.6 | 13.0 | 12.6 |

22 SL - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Superstructure ballast 90t
- Central ballast 45t
- Turntable extension 27.5t
- Hook block weight 14t
- Supporting base 14m x 14m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100457-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | | 59 | | 30.9 | 14 | 90 | 45 | | 28.3 | 24.5 | 12.6 |
| SL-60 | | | 70 | | 23.8 | 14 | 90 | 45 | | 27.7 | 22.0 | 12.6 |
| SL-66 | | | 70 | | 25.8 | 14 | 90 | 45 | | 27.6 | 20.0 | 12.6 |
| SL-72 | | | 71 | | 26.7 | 14 | 90 | 45 | | 26.6 | 18.3 | 12.6 |
| SL-78 | | | 72 | | 27.4 | 14 | 90 | 45 | | 25.2 | 17.1 | 12.6 |
| SL-84 | | | 73 | | 27.8 | 14 | 90 | 45 | | 24.4 | 15.8 | 12.6 |
| SL-90 | | | 74 | | 28.1 | 14 | 90 | 45 | | 23.4 | 14.7 | 12.6 |
| SL-96 | | | 75 | | 28.1 | 14 | 90 | 45 | | 22.4 | 13.7 | 12.6 |
| SL-102 | | | 75 | | 29.7 | 14 | 90 | 45 | | 21.5 | 12.9 | 12.6 |

23 SLF - operation



Note

- Turntable ballast: 190t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100136-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | F-12 | 61 | 11 | 36.5 | 7.0 | 190.0 | | | 25.0 | 21.4 | 12.6 |
| SL-54 | | F-12 | 61 | 16 | 37.3 | 7.0 | 190.0 | | | 25.0 | 21.4 | 12.6 |
| SL-54 | | F-12 | 61 | 31 | 39.2 | 7.0 | 190.0 | | | 24.9 | 21.4 | 12.6 |
| SL-54 | | F-18 | 71 | 13 | 29.9 | 7.0 | 190.0 | | | 24.2 | 20.3 | 12.6 |
| SL-54 | | F-18 | 71 | 18 | 31.1 | 7.0 | 190.0 | | | 24.3 | 20.3 | 12.6 |
| SL-54 | | F-18 | 71 | 32 | 34.1 | 7.0 | 190.0 | | | 24.6 | 20.3 | 12.6 |
| SL-54 | | F-24 | 71 | 13 | 33.1 | 7.0 | 190.0 | | | 24.2 | 19.3 | 12.6 |
| SL-54 | | F-24 | 71 | 18 | 34.6 | 7.0 | 190.0 | | | 24.4 | 19.3 | 12.6 |
| SL-54 | | F-24 | 71 | 30 | 38.4 | 7.0 | 190.0 | | | 24.8 | 19.4 | 12.6 |
| SL-54 | | F-30 | 71 | 12 | 35.7 | 7.0 | 190.0 | | | 24.1 | 18.4 | 12.6 |
| SL-54 | | F-30 | 71 | 16 | 37.6 | 7.0 | 190.0 | | | 24.4 | 18.4 | 12.6 |
| SL-54 | | F-30 | 71 | 28 | 42.3 | 7.0 | 190.0 | | | 24.7 | 18.5 | 12.6 |
| SL-54 | | F-36 | 71 | 10 | 37.7 | 7.0 | 190.0 | | | 24.0 | 17.5 | 12.6 |
| SL-54 | | F-36 | 71 | 14 | 40.0 | 7.0 | 190.0 | | | 24.0 | 17.5 | 12.6 |
| SL-54 | | F-36 | 72 | 26 | 44.4 | 7.0 | 190.0 | | | 23.9 | 17.6 | 12.6 |
| SL-60 | | F-12 | 71 | 11 | 28.1 | 7.0 | 190.0 | | | 24.4 | 19.4 | 12.6 |
| SL-60 | | F-12 | 71 | 16 | 29.0 | 7.0 | 190.0 | | | 24.5 | 19.4 | 12.6 |
| SL-60 | | F-12 | 71 | 31 | 31.3 | 7.0 | 190.0 | | | 24.7 | 19.4 | 12.6 |
| SL-60 | | F-18 | 71 | 13 | 31.8 | 7.0 | 190.0 | | | 24.4 | 18.6 | 12.6 |
| SL-60 | | F-18 | 71 | 18 | 33.0 | 7.0 | 190.0 | | | 24.5 | 18.5 | 12.6 |
| SL-60 | | F-18 | 71 | 32 | 36.1 | 7.0 | 190.0 | | | 24.8 | 18.6 | 12.6 |
| SL-60 | | F-24 | 71 | 13 | 35.0 | 7.0 | 190.0 | | | 24.4 | 17.7 | 12.6 |
| SL-60 | | F-24 | 71 | 18 | 36.6 | 7.0 | 190.0 | | | 24.6 | 17.7 | 12.6 |
| SL-60 | | F-24 | 71 | 30 | 40.4 | 7.0 | 190.0 | | | 24.4 | 17.7 | 12.6 |
| SL-60 | | F-30 | 71 | 12 | 37.6 | 7.0 | 190.0 | | | 23.7 | 16.9 | 12.6 |
| SL-60 | | F-30 | 72 | 16 | 38.1 | 7.0 | 190.0 | | | 23.8 | 16.9 | 12.6 |
| SL-60 | | F-30 | 72 | 28 | 42.9 | 7.0 | 190.0 | | | 23.6 | 17.0 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100136-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-60 | | F-36 | 72 | 10 | 38.1 | 7.0 | 190.0 | | | 23.2 | 16.2 | 12.6 |
| SL-60 | | F-36 | 73 | 14 | 38.9 | 7.0 | 190.0 | | | 23.0 | 16.2 | 12.6 |
| SL-60 | | F-36 | 74 | 26 | 43.3 | 7.0 | 190.0 | | | 23.0 | 16.2 | 12.6 |
| SL-66 | | F-12 | 71 | 11 | 30.0 | 7.0 | 190.0 | | | 24.6 | 17.8 | 12.6 |
| SL-66 | | F-12 | 71 | 16 | 31.0 | 7.0 | 190.0 | | | 24.7 | 17.8 | 12.6 |
| SL-66 | | F-12 | 71 | 31 | 33.2 | 7.0 | 190.0 | | | 24.8 | 17.8 | 12.6 |
| SL-66 | | F-18 | 71 | 13 | 33.8 | 7.0 | 190.0 | | | 24.2 | 17.0 | 12.6 |
| SL-66 | | F-18 | 71 | 18 | 35.0 | 7.0 | 190.0 | | | 24.1 | 17.0 | 12.6 |
| SL-66 | | F-18 | 72 | 32 | 36.7 | 7.0 | 190.0 | | | 24.2 | 17.0 | 12.6 |
| SL-66 | | F-24 | 72 | 13 | 35.5 | 7.0 | 190.0 | | | 23.7 | 16.3 | 12.6 |
| SL-66 | | F-24 | 72 | 18 | 37.1 | 7.0 | 190.0 | | | 23.6 | 16.3 | 12.6 |
| SL-66 | | F-24 | 73 | 30 | 39.6 | 7.0 | 190.0 | | | 23.6 | 16.3 | 12.6 |
| SL-66 | | F-30 | 73 | 12 | 36.5 | 7.0 | 190.0 | | | 23.0 | 15.6 | 12.6 |
| SL-66 | | F-30 | 73 | 16 | 38.4 | 7.0 | 190.0 | | | 23.1 | 15.6 | 12.6 |
| SL-66 | | F-30 | 74 | 28 | 41.8 | 7.0 | 190.0 | | | 22.9 | 15.7 | 12.6 |
| SL-66 | | F-36 | 73 | 10 | 38.3 | 7.0 | 190.0 | | | 22.3 | 15.0 | 12.6 |
| SL-66 | | F-36 | 74 | 14 | 39.0 | 7.0 | 190.0 | | | 22.4 | 15.0 | 12.6 |
| SL-66 | | F-36 | 75 | 26 | 43.4 | 7.0 | 190.0 | | | 22.3 | 15.0 | 12.6 |
| SL-72 | | F-12 | 72 | 11 | 30.6 | 7.0 | 190.0 | | | 23.9 | 16.4 | 12.6 |
| SL-72 | | F-12 | 72 | 16 | 31.5 | 7.0 | 190.0 | | | 24.0 | 16.4 | 12.6 |
| SL-72 | | F-12 | 72 | 31 | 33.9 | 7.0 | 190.0 | | | 24.0 | 16.4 | 12.6 |
| SL-72 | | F-18 | 72 | 13 | 34.3 | 7.0 | 190.0 | | | 23.2 | 15.7 | 12.6 |
| SL-72 | | F-18 | 73 | 18 | 34.0 | 7.0 | 190.0 | | | 23.2 | 15.7 | 12.6 |
| SL-72 | | F-18 | 73 | 32 | 37.2 | 7.0 | 190.0 | | | 23.5 | 15.7 | 12.6 |
| SL-72 | | F-24 | 73 | 13 | 35.8 | 7.0 | 190.0 | | | 22.8 | 15.1 | 12.6 |
| SL-72 | | F-24 | 73 | 18 | 37.4 | 7.0 | 190.0 | | | 22.7 | 15.1 | 12.6 |
| SL-72 | | F-24 | 74 | 30 | 39.8 | 7.0 | 190.0 | | | 22.8 | 15.1 | 12.6 |
| SL-72 | | F-30 | 74 | 12 | 36.6 | 7.0 | 190.0 | | | 22.3 | 14.5 | 12.6 |
| SL-72 | | F-30 | 74 | 16 | 38.5 | 7.0 | 190.0 | | | 22.3 | 14.5 | 12.6 |
| SL-72 | | F-30 | 75 | 28 | 41.9 | 7.0 | 190.0 | | | 22.2 | 14.6 | 12.6 |
| SL-72 | | F-36 | 74 | 10 | 38.3 | 7.0 | 190.0 | | | 21.6 | 14.0 | 12.6 |
| SL-72 | | F-36 | 75 | 14 | 38.9 | 7.0 | 190.0 | | | 21.7 | 14.0 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100136-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-72 | | F-36 | 76 | 26 | 43.2 | 7.0 | 190.0 | | | 21.6 | 14.0 | 12.6 |
| SL-78 | | F-12 | 72 | 11 | 32.5 | 7.0 | 190.0 | | | 22.8 | 15.3 | 12.6 |
| SL-78 | | F-12 | 73 | 16 | 31.9 | 7.0 | 190.0 | | | 22.9 | 15.3 | 12.6 |
| SL-78 | | F-12 | 73 | 31 | 34.3 | 7.0 | 190.0 | | | 23.0 | 15.3 | 12.6 |
| SL-78 | | F-18 | 73 | 13 | 34.6 | 7.0 | 190.0 | | | 22.5 | 14.7 | 12.6 |
| SL-78 | | F-18 | 73 | 18 | 35.8 | 7.0 | 190.0 | | | 22.4 | 14.7 | 12.6 |
| SL-78 | | F-18 | 74 | 32 | 37.4 | 7.0 | 190.0 | | | 22.4 | 14.7 | 12.6 |
| SL-78 | | F-24 | 74 | 13 | 35.9 | 7.0 | 190.0 | | | 22.0 | 14.2 | 12.6 |
| SL-78 | | F-24 | 74 | 18 | 37.5 | 7.0 | 190.0 | | | 22.1 | 14.2 | 12.6 |
| SL-78 | | F-24 | 74 | 30 | 41.5 | 7.0 | 190.0 | | | 21.9 | 14.2 | 12.6 |
| SL-78 | | F-30 | 74 | 12 | 38.2 | 7.0 | 190.0 | | | 21.4 | 13.7 | 12.6 |
| SL-78 | | F-30 | 75 | 16 | 38.4 | 7.0 | 190.0 | | | 21.5 | 13.7 | 12.6 |
| SL-78 | | F-30 | 75 | 28 | 43.4 | 7.0 | 190.0 | | | 21.5 | 13.7 | 12.6 |
| SL-78 | | F-36 | 75 | 10 | 38.1 | 7.0 | 190.0 | | | 21.2 | 13.1 | 12.6 |
| SL-78 | | F-36 | 75 | 14 | 40.5 | 7.0 | 190.0 | | | 21.0 | 13.2 | 12.6 |
| SL-78 | | F-36 | 76 | 26 | 44.7 | 7.0 | 190.0 | | | 21.2 | 13.2 | 12.6 |
| SL-84 | | F-12 | 74 | 11 | 31.1 | 7.0 | 190.0 | | | 22.1 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 16 | 32.1 | 7.0 | 190.0 | | | 22.2 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 31 | 34.5 | 7.0 | 190.0 | | | 22.3 | 14.2 | 12.6 |
| SL-84 | | F-18 | 74 | 13 | 34.6 | 7.0 | 190.0 | | | 21.8 | 13.7 | 12.6 |
| SL-84 | | F-18 | 74 | 18 | 35.9 | 7.0 | 190.0 | | | 21.7 | 13.7 | 12.6 |
| SL-84 | | F-18 | 75 | 32 | 37.4 | 7.0 | 190.0 | | | 21.7 | 13.7 | 12.6 |
| SL-84 | | F-24 | 75 | 13 | 35.7 | 7.0 | 190.0 | | | 21.4 | 13.2 | 12.6 |
| SL-84 | | F-24 | 75 | 18 | 37.4 | 7.0 | 190.0 | | | 21.5 | 13.2 | 12.6 |
| SL-84 | | F-24 | 75 | 30 | 41.4 | 7.0 | 190.0 | | | 21.3 | 13.3 | 12.6 |
| SL-84 | | F-30 | 75 | 12 | 38.0 | 6.0 | 190.0 | | | 20.8 | 12.8 | 12.6 |
| SL-84 | | F-30 | 76 | 16 | 38.1 | 6.0 | 190.0 | | | 20.8 | 12.8 | 12.6 |
| SL-84 | | F-30 | 76 | 28 | 43.2 | 6.0 | 190.0 | | | 21.0 | 12.8 | 12.6 |
| SL-84 | | F-36 | 76 | 10 | 37.6 | 4.5 | 190.0 | | | 20.5 | 12.4 | 12.4 |
| SL-84 | | F-36 | 76 | 14 | 40.1 | 4.5 | 190.0 | | | 20.6 | 12.4 | 12.4 |
| SL-84 | | F-36 | 77 | 26 | 44.2 | 4.5 | 190.0 | | | 20.4 | 12.4 | 12.4 |
| SL-90 | | F-12 | 74 | 11 | 32.8 | 6.0 | 190.0 | | | 21.3 | 13.3 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100136-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-90 | | F-12 | 75 | 16 | 32.0 | 6.0 | 190.0 | | | 21.3 | 13.3 | 12.6 |
| SL-90 | | F-12 | 75 | 31 | 34.5 | 6.0 | 190.0 | | | 21.5 | 13.3 | 12.6 |
| SL-90 | | F-18 | 75 | 13 | 34.5 | 4.5 | 190.0 | | | 21.2 | 12.9 | 12.6 |
| SL-90 | | F-18 | 75 | 18 | 35.8 | 4.5 | 190.0 | | | 21.1 | 12.9 | 12.6 |
| SL-90 | | F-18 | 75 | 32 | 39.0 | 4.5 | 190.0 | | | 21.0 | 12.9 | 12.6 |
| SL-90 | | F-24 | 76 | 13 | 35.4 | 4.0 | 190.0 | | | 20.6 | 12.5 | 12.5 |
| SL-90 | | F-24 | 76 | 18 | 37.0 | 4.0 | 190.0 | | | 20.7 | 12.5 | 12.5 |
| SL-90 | | F-24 | 76 | 30 | 41.2 | 4.0 | 190.0 | | | 20.8 | 12.5 | 12.5 |

24 SLF - operation



Note

- Turntable ballast: 170t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100137-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | F-12 | 61 | 11 | 36.5 | 7.0 | 170.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-12 | 61 | 16 | 37.3 | 7.0 | 170.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-12 | 61 | 31 | 39.2 | 7.0 | 170.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-18 | 62 | 13 | 39.9 | 7.0 | 170.0 | | | 24.2 | 20.3 | 12.6 |
| SL-54 | | F-18 | 71 | 18 | 31.1 | 7.0 | 170.0 | | | 24.3 | 20.3 | 12.6 |
| SL-54 | | F-18 | 71 | 32 | 34.1 | 7.0 | 170.0 | | | 24.6 | 20.3 | 12.6 |
| SL-54 | | F-24 | 71 | 13 | 33.1 | 7.0 | 170.0 | | | 24.2 | 19.3 | 12.6 |
| SL-54 | | F-24 | 71 | 18 | 34.6 | 7.0 | 170.0 | | | 24.4 | 19.3 | 12.6 |
| SL-54 | | F-24 | 71 | 30 | 38.4 | 7.0 | 170.0 | | | 24.8 | 19.3 | 12.6 |
| SL-54 | | F-30 | 71 | 12 | 35.7 | 7.0 | 170.0 | | | 24.1 | 18.4 | 12.6 |
| SL-54 | | F-30 | 71 | 16 | 37.6 | 7.0 | 170.0 | | | 24.4 | 18.4 | 12.6 |
| SL-54 | | F-30 | 71 | 28 | 42.3 | 7.0 | 170.0 | | | 24.8 | 18.4 | 12.6 |
| SL-54 | | F-36 | 71 | 10 | 37.7 | 7.0 | 170.0 | | | 24.0 | 17.5 | 12.6 |
| SL-54 | | F-36 | 71 | 14 | 40.0 | 7.0 | 170.0 | | | 24.1 | 17.5 | 12.6 |
| SL-54 | | F-36 | 72 | 26 | 44.4 | 7.0 | 170.0 | | | 24.0 | 17.6 | 12.6 |
| SL-60 | | F-12 | 71 | 11 | 28.1 | 7.0 | 170.0 | | | 24.4 | 19.4 | 12.6 |
| SL-60 | | F-12 | 71 | 16 | 29.0 | 7.0 | 170.0 | | | 24.5 | 19.4 | 12.6 |
| SL-60 | | F-12 | 71 | 31 | 31.3 | 7.0 | 170.0 | | | 24.7 | 19.4 | 12.6 |
| SL-60 | | F-18 | 71 | 13 | 31.8 | 7.0 | 170.0 | | | 24.4 | 18.5 | 12.6 |
| SL-60 | | F-18 | 71 | 18 | 33.0 | 7.0 | 170.0 | | | 24.5 | 18.5 | 12.6 |
| SL-60 | | F-18 | 71 | 32 | 36.1 | 7.0 | 170.0 | | | 24.8 | 18.5 | 12.6 |
| SL-60 | | F-24 | 71 | 13 | 35.0 | 7.0 | 170.0 | | | 24.4 | 17.7 | 12.6 |
| SL-60 | | F-24 | 71 | 18 | 36.6 | 7.0 | 170.0 | | | 24.6 | 17.7 | 12.6 |
| SL-60 | | F-24 | 71 | 30 | 40.4 | 7.0 | 170.0 | | | 24.5 | 17.7 | 12.6 |
| SL-60 | | F-30 | 71 | 12 | 37.6 | 7.0 | 170.0 | | | 23.8 | 16.9 | 12.6 |
| SL-60 | | F-30 | 72 | 16 | 38.1 | 7.0 | 170.0 | | | 23.8 | 16.9 | 12.6 |
| SL-60 | | F-30 | 72 | 28 | 42.9 | 7.0 | 170.0 | | | 23.7 | 16.9 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100137-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-60 | | F-36 | 72 | 10 | 38.1 | 7.0 | 170.0 | | | 23.3 | 16.1 | 12.6 |
| SL-60 | | F-36 | 72 | 14 | 40.5 | 7.0 | 170.0 | | | 23.1 | 16.1 | 12.6 |
| SL-60 | | F-36 | 73 | 26 | 44.8 | 7.0 | 170.0 | | | 23.0 | 16.2 | 12.6 |
| SL-66 | | F-12 | 71 | 11 | 30.0 | 7.0 | 170.0 | | | 24.6 | 17.7 | 12.6 |
| SL-66 | | F-12 | 71 | 16 | 31.0 | 7.0 | 170.0 | | | 24.7 | 17.7 | 12.6 |
| SL-66 | | F-12 | 71 | 31 | 33.2 | 7.0 | 170.0 | | | 24.8 | 17.7 | 12.6 |
| SL-66 | | F-18 | 71 | 13 | 33.8 | 7.0 | 170.0 | | | 24.3 | 17.0 | 12.6 |
| SL-66 | | F-18 | 71 | 18 | 35.0 | 7.0 | 170.0 | | | 24.2 | 17.0 | 12.6 |
| SL-66 | | F-18 | 72 | 32 | 36.7 | 7.0 | 170.0 | | | 24.2 | 17.0 | 12.6 |
| SL-66 | | F-24 | 72 | 13 | 35.5 | 7.0 | 170.0 | | | 23.8 | 16.3 | 12.6 |
| SL-66 | | F-24 | 72 | 18 | 37.1 | 7.0 | 170.0 | | | 23.7 | 16.3 | 12.6 |
| SL-66 | | F-24 | 73 | 30 | 39.6 | 7.0 | 170.0 | | | 23.6 | 16.3 | 12.6 |
| SL-66 | | F-30 | 73 | 12 | 36.5 | 7.0 | 170.0 | | | 23.0 | 15.6 | 12.6 |
| SL-66 | | F-30 | 73 | 16 | 38.4 | 7.0 | 170.0 | | | 23.2 | 15.6 | 12.6 |
| SL-66 | | F-30 | 74 | 28 | 41.8 | 7.0 | 170.0 | | | 22.9 | 15.6 | 12.6 |
| SL-66 | | F-36 | 73 | 10 | 38.3 | 7.0 | 170.0 | | | 22.4 | 14.9 | 12.6 |
| SL-66 | | F-36 | 74 | 14 | 39.0 | 7.0 | 170.0 | | | 22.4 | 14.9 | 12.6 |
| SL-66 | | F-36 | 75 | 26 | 43.4 | 7.0 | 170.0 | | | 22.3 | 15.0 | 12.6 |
| SL-72 | | F-12 | 72 | 11 | 30.6 | 7.0 | 170.0 | | | 23.9 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 16 | 31.5 | 7.0 | 170.0 | | | 24.0 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 31 | 33.9 | 7.0 | 170.0 | | | 24.1 | 16.3 | 12.6 |
| SL-72 | | F-18 | 72 | 13 | 34.3 | 7.0 | 170.0 | | | 23.3 | 15.7 | 12.6 |
| SL-72 | | F-18 | 73 | 18 | 34.0 | 7.0 | 170.0 | | | 23.2 | 15.7 | 12.6 |
| SL-72 | | F-18 | 73 | 32 | 37.2 | 7.0 | 170.0 | | | 23.5 | 15.7 | 12.6 |
| SL-72 | | F-24 | 73 | 13 | 35.8 | 7.0 | 170.0 | | | 22.9 | 15.1 | 12.6 |
| SL-72 | | F-24 | 73 | 18 | 37.4 | 7.0 | 170.0 | | | 22.8 | 15.1 | 12.6 |
| SL-72 | | F-24 | 74 | 30 | 39.8 | 7.0 | 170.0 | | | 22.8 | 15.1 | 12.6 |
| SL-72 | | F-30 | 74 | 12 | 36.6 | 7.0 | 170.0 | | | 22.3 | 14.5 | 12.6 |
| SL-72 | | F-30 | 74 | 16 | 38.5 | 7.0 | 170.0 | | | 22.4 | 14.5 | 12.6 |
| SL-72 | | F-30 | 75 | 28 | 41.9 | 7.0 | 170.0 | | | 22.2 | 14.5 | 12.6 |
| SL-72 | | F-36 | 74 | 10 | 38.3 | 7.0 | 170.0 | | | 21.7 | 13.9 | 12.6 |
| SL-72 | | F-36 | 75 | 14 | 38.9 | 7.0 | 170.0 | | | 21.7 | 13.9 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100137-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-72 | | F-36 | 75 | 26 | 44.9 | 7.0 | 170.0 | | | 21.7 | 14.0 | 12.6 |
| SL-78 | | F-12 | 72 | 11 | 32.5 | 7.0 | 170.0 | | | 22.9 | 15.3 | 12.6 |
| SL-78 | | F-12 | 72 | 16 | 33.4 | 7.0 | 170.0 | | | 22.9 | 15.3 | 12.6 |
| SL-78 | | F-12 | 73 | 31 | 34.3 | 7.0 | 170.0 | | | 23.0 | 15.3 | 12.6 |
| SL-78 | | F-18 | 73 | 13 | 34.6 | 7.0 | 170.0 | | | 22.6 | 14.7 | 12.6 |
| SL-78 | | F-18 | 73 | 18 | 35.8 | 7.0 | 170.0 | | | 22.5 | 14.7 | 12.6 |
| SL-78 | | F-18 | 74 | 32 | 37.4 | 7.0 | 170.0 | | | 22.4 | 14.7 | 12.6 |
| SL-78 | | F-24 | 74 | 13 | 35.9 | 7.0 | 170.0 | | | 22.0 | 14.1 | 12.6 |
| SL-78 | | F-24 | 74 | 18 | 37.5 | 7.0 | 170.0 | | | 22.2 | 14.1 | 12.6 |
| SL-78 | | F-24 | 74 | 30 | 41.5 | 7.0 | 170.0 | | | 21.9 | 14.2 | 12.6 |
| SL-78 | | F-30 | 74 | 12 | 38.2 | 7.0 | 170.0 | | | 21.5 | 13.6 | 12.6 |
| SL-78 | | F-30 | 75 | 16 | 38.4 | 7.0 | 170.0 | | | 21.5 | 13.6 | 12.6 |
| SL-78 | | F-30 | 75 | 28 | 43.4 | 7.0 | 170.0 | | | 21.6 | 13.6 | 12.6 |
| SL-78 | | F-36 | 75 | 10 | 38.1 | 7.0 | 170.0 | | | 21.2 | 13.1 | 12.6 |
| SL-78 | | F-36 | 75 | 14 | 40.5 | 7.0 | 170.0 | | | 21.1 | 13.1 | 12.6 |
| SL-78 | | F-36 | 76 | 26 | 44.7 | 7.0 | 170.0 | | | 21.2 | 13.1 | 12.6 |
| SL-84 | | F-12 | 74 | 11 | 31.1 | 7.0 | 170.0 | | | 22.1 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 16 | 32.1 | 7.0 | 170.0 | | | 22.2 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 31 | 34.5 | 7.0 | 170.0 | | | 22.3 | 14.2 | 12.6 |
| SL-84 | | F-18 | 74 | 13 | 34.6 | 7.0 | 170.0 | | | 21.9 | 13.7 | 12.6 |
| SL-84 | | F-18 | 74 | 18 | 35.9 | 7.0 | 170.0 | | | 21.8 | 13.7 | 12.6 |
| SL-84 | | F-18 | 75 | 32 | 37.4 | 7.0 | 170.0 | | | 21.7 | 13.7 | 12.6 |
| SL-84 | | F-24 | 75 | 13 | 35.7 | 7.0 | 170.0 | | | 21.4 | 13.2 | 12.6 |
| SL-84 | | F-24 | 75 | 18 | 37.4 | 7.0 | 170.0 | | | 21.5 | 13.2 | 12.6 |
| SL-84 | | F-24 | 75 | 30 | 41.4 | 7.0 | 170.0 | | | 21.4 | 13.2 | 12.6 |
| SL-84 | | F-30 | 75 | 12 | 38.0 | 5.0 | 170.0 | | | 20.9 | 12.8 | 12.6 |
| SL-84 | | F-30 | 75 | 16 | 40.0 | 5.0 | 170.0 | | | 20.8 | 12.8 | 12.6 |
| SL-84 | | F-30 | 76 | 28 | 43.2 | 5.0 | 170.0 | | | 21.1 | 12.8 | 12.6 |
| SL-84 | | F-36 | 76 | 10 | 37.6 | 4.0 | 170.0 | | | 20.5 | 12.4 | 12.4 |
| SL-84 | | F-36 | 76 | 14 | 40.1 | 4.0 | 170.0 | | | 20.7 | 12.4 | 12.4 |
| SL-84 | | F-36 | 77 | 26 | 44.2 | 4.0 | 170.0 | | | 20.4 | 12.4 | 12.4 |
| SL-90 | | F-12 | 74 | 11 | 32.8 | 5.0 | 170.0 | | | 21.4 | 13.3 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100137-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-90 | | F-12 | 74 | 16 | 33.7 | 5.0 | 170.0 | | | 21.4 | 13.3 | 12.6 |
| SL-90 | | F-12 | 75 | 31 | 34.5 | 5.0 | 170.0 | | | 21.5 | 13.3 | 12.6 |
| SL-90 | | F-18 | 75 | 13 | 34.5 | 4.0 | 170.0 | | | 21.2 | 12.9 | 12.6 |
| SL-90 | | F-18 | 75 | 18 | 35.8 | 4.0 | 170.0 | | | 21.2 | 12.9 | 12.6 |
| SL-90 | | F-18 | 75 | 32 | 39.0 | 4.0 | 170.0 | | | 21.1 | 12.9 | 12.6 |
| SL-90 | | F-24 | 76 | 13 | 35.4 | 4.0 | 170.0 | | | 20.6 | 12.4 | 12.4 |
| SL-90 | | F-24 | 76 | 18 | 37.0 | 4.0 | 170.0 | | | 20.7 | 12.4 | 12.4 |
| SL-90 | | F-24 | 76 | 30 | 41.2 | 4.0 | 170.0 | | | 20.8 | 12.5 | 12.5 |

25 SLF - operation



Note

- Turntable ballast: 150t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100138-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | F-12 | 61 | 11 | 36.5 | 7.0 | 150.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-12 | 61 | 16 | 37.3 | 7.0 | 150.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-12 | 61 | 31 | 39.2 | 7.0 | 150.0 | | | 25.0 | 21.3 | 12.6 |
| SL-54 | | F-18 | 62 | 13 | 39.9 | 7.0 | 150.0 | | | 24.3 | 20.2 | 12.6 |
| SL-54 | | F-18 | 71 | 18 | 31.1 | 7.0 | 150.0 | | | 24.3 | 20.2 | 12.6 |
| SL-54 | | F-18 | 71 | 32 | 34.1 | 7.0 | 150.0 | | | 24.6 | 20.2 | 12.6 |
| SL-54 | | F-24 | 71 | 13 | 33.1 | 7.0 | 150.0 | | | 24.2 | 19.2 | 12.6 |
| SL-54 | | F-24 | 71 | 18 | 34.6 | 7.0 | 150.0 | | | 24.4 | 19.2 | 12.6 |
| SL-54 | | F-24 | 71 | 30 | 38.4 | 7.0 | 150.0 | | | 24.8 | 19.3 | 12.6 |
| SL-54 | | F-30 | 71 | 12 | 35.7 | 7.0 | 150.0 | | | 24.1 | 18.3 | 12.6 |
| SL-54 | | F-30 | 71 | 16 | 37.6 | 7.0 | 150.0 | | | 24.4 | 18.3 | 12.6 |
| SL-54 | | F-30 | 71 | 28 | 42.3 | 7.0 | 150.0 | | | 24.9 | 18.4 | 12.6 |
| SL-54 | | F-36 | 71 | 10 | 37.7 | 7.0 | 150.0 | | | 24.0 | 17.4 | 12.6 |
| SL-54 | | F-36 | 71 | 14 | 40.0 | 7.0 | 150.0 | | | 24.2 | 17.5 | 12.6 |
| SL-54 | | F-36 | 72 | 26 | 44.4 | 7.0 | 150.0 | | | 24.1 | 17.5 | 12.6 |
| SL-60 | | F-12 | 71 | 11 | 28.1 | 7.0 | 150.0 | | | 24.4 | 19.3 | 12.6 |
| SL-60 | | F-12 | 71 | 16 | 29.0 | 7.0 | 150.0 | | | 24.5 | 19.3 | 12.6 |
| SL-60 | | F-12 | 71 | 31 | 31.3 | 7.0 | 150.0 | | | 24.7 | 19.3 | 12.6 |
| SL-60 | | F-18 | 71 | 13 | 31.8 | 7.0 | 150.0 | | | 24.4 | 18.5 | 12.6 |
| SL-60 | | F-18 | 71 | 18 | 33.0 | 7.0 | 150.0 | | | 24.5 | 18.4 | 12.6 |
| SL-60 | | F-18 | 71 | 32 | 36.1 | 7.0 | 150.0 | | | 24.8 | 18.5 | 12.6 |
| SL-60 | | F-24 | 71 | 13 | 35.0 | 7.0 | 150.0 | | | 24.4 | 17.6 | 12.6 |
| SL-60 | | F-24 | 71 | 18 | 36.6 | 7.0 | 150.0 | | | 24.6 | 17.6 | 12.6 |
| SL-60 | | F-24 | 71 | 30 | 40.4 | 7.0 | 150.0 | | | 24.6 | 17.6 | 12.6 |
| SL-60 | | F-30 | 71 | 12 | 37.6 | 7.0 | 150.0 | | | 23.9 | 16.8 | 12.6 |
| SL-60 | | F-30 | 72 | 16 | 38.1 | 7.0 | 150.0 | | | 23.8 | 16.8 | 12.6 |
| SL-60 | | F-30 | 72 | 28 | 42.9 | 7.0 | 150.0 | | | 23.8 | 16.9 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100138-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-60 | | F-36 | 72 | 10 | 38.1 | 7.0 | 150.0 | | | 23.4 | 16.1 | 12.6 |
| SL-60 | | F-36 | 72 | 14 | 40.5 | 7.0 | 150.0 | | | 23.2 | 16.1 | 12.6 |
| SL-60 | | F-36 | 73 | 26 | 44.8 | 7.0 | 150.0 | | | 23.1 | 16.1 | 12.6 |
| SL-66 | | F-12 | 71 | 11 | 30.0 | 7.0 | 150.0 | | | 24.6 | 17.7 | 12.6 |
| SL-66 | | F-12 | 71 | 16 | 31.0 | 7.0 | 150.0 | | | 24.7 | 17.7 | 12.6 |
| SL-66 | | F-12 | 71 | 31 | 33.2 | 7.0 | 150.0 | | | 24.8 | 17.7 | 12.6 |
| SL-66 | | F-18 | 71 | 13 | 33.8 | 7.0 | 150.0 | | | 24.4 | 16.9 | 12.6 |
| SL-66 | | F-18 | 71 | 18 | 35.0 | 7.0 | 150.0 | | | 24.3 | 16.9 | 12.6 |
| SL-66 | | F-18 | 72 | 32 | 36.7 | 7.0 | 150.0 | | | 24.2 | 16.9 | 12.6 |
| SL-66 | | F-24 | 72 | 13 | 35.5 | 7.0 | 150.0 | | | 23.8 | 16.2 | 12.6 |
| SL-66 | | F-24 | 72 | 18 | 37.1 | 7.0 | 150.0 | | | 23.8 | 16.2 | 12.6 |
| SL-66 | | F-24 | 73 | 30 | 39.6 | 7.0 | 150.0 | | | 23.6 | 16.2 | 12.6 |
| SL-66 | | F-30 | 73 | 12 | 36.5 | 7.0 | 150.0 | | | 23.0 | 15.5 | 12.6 |
| SL-66 | | F-30 | 73 | 16 | 38.4 | 7.0 | 150.0 | | | 23.2 | 15.5 | 12.6 |
| SL-66 | | F-30 | 74 | 28 | 41.8 | 7.0 | 150.0 | | | 22.9 | 15.6 | 12.6 |
| SL-66 | | F-36 | 73 | 10 | 38.3 | 7.0 | 150.0 | | | 22.5 | 14.9 | 12.6 |
| SL-66 | | F-36 | 74 | 14 | 39.0 | 7.0 | 150.0 | | | 22.4 | 14.9 | 12.6 |
| SL-66 | | F-36 | 74 | 26 | 44.9 | 7.0 | 150.0 | | | 22.4 | 14.9 | 12.6 |
| SL-72 | | F-12 | 72 | 11 | 30.6 | 7.0 | 150.0 | | | 23.9 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 16 | 31.5 | 7.0 | 150.0 | | | 24.0 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 31 | 33.9 | 7.0 | 150.0 | | | 24.1 | 16.3 | 12.6 |
| SL-72 | | F-18 | 72 | 13 | 34.3 | 7.0 | 150.0 | | | 23.4 | 15.7 | 12.6 |
| SL-72 | | F-18 | 72 | 18 | 35.5 | 7.0 | 150.0 | | | 23.3 | 15.6 | 12.6 |
| SL-72 | | F-18 | 73 | 32 | 37.2 | 7.0 | 150.0 | | | 23.5 | 15.7 | 12.6 |
| SL-72 | | F-24 | 73 | 13 | 35.8 | 7.0 | 150.0 | | | 23.0 | 15.0 | 12.6 |
| SL-72 | | F-24 | 73 | 18 | 37.4 | 7.0 | 150.0 | | | 22.9 | 15.0 | 12.6 |
| SL-72 | | F-24 | 74 | 30 | 39.8 | 7.0 | 150.0 | | | 22.8 | 15.1 | 12.6 |
| SL-72 | | F-30 | 74 | 12 | 36.6 | 7.0 | 150.0 | | | 22.3 | 14.4 | 12.6 |
| SL-72 | | F-30 | 74 | 16 | 38.5 | 7.0 | 150.0 | | | 22.5 | 14.5 | 12.6 |
| SL-72 | | F-30 | 75 | 28 | 41.9 | 7.0 | 150.0 | | | 22.2 | 14.5 | 12.6 |
| SL-72 | | F-36 | 74 | 10 | 38.3 | 6.0 | 150.0 | | | 21.8 | 13.9 | 12.6 |
| SL-72 | | F-36 | 75 | 14 | 38.9 | 6.0 | 150.0 | | | 21.7 | 13.9 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100138-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-72 | | F-36 | 75 | 26 | 44.9 | 6.0 | 150.0 | | | 21.7 | 14.0 | 12.6 |
| SL-78 | | F-12 | 72 | 11 | 32.5 | 7.0 | 150.0 | | | 23.0 | 15.2 | 12.6 |
| SL-78 | | F-12 | 72 | 16 | 33.4 | 7.0 | 150.0 | | | 22.9 | 15.2 | 12.6 |
| SL-78 | | F-12 | 73 | 31 | 34.3 | 7.0 | 150.0 | | | 23.0 | 15.2 | 12.6 |
| SL-78 | | F-18 | 73 | 13 | 34.6 | 7.0 | 150.0 | | | 22.6 | 14.7 | 12.6 |
| SL-78 | | F-18 | 73 | 18 | 35.8 | 7.0 | 150.0 | | | 22.5 | 14.7 | 12.6 |
| SL-78 | | F-18 | 74 | 32 | 37.4 | 7.0 | 150.0 | | | 22.4 | 14.7 | 12.6 |
| SL-78 | | F-24 | 74 | 13 | 35.9 | 5.0 | 150.0 | | | 22.0 | 14.2 | 12.6 |
| SL-78 | | F-24 | 74 | 18 | 37.5 | 5.0 | 150.0 | | | 22.2 | 14.2 | 12.6 |
| SL-78 | | F-24 | 74 | 30 | 41.5 | 5.0 | 150.0 | | | 22.0 | 14.2 | 12.6 |
| SL-78 | | F-30 | 74 | 12 | 38.2 | 4.0 | 150.0 | | | 21.5 | 13.7 | 12.6 |
| SL-78 | | F-30 | 75 | 16 | 38.4 | 4.0 | 150.0 | | | 21.5 | 13.7 | 12.6 |
| SL-78 | | F-30 | 75 | 28 | 43.4 | 4.0 | 150.0 | | | 21.6 | 13.7 | 12.6 |
| SL-78 | | F-36 | 75 | 10 | 38.1 | 3.0 | 150.0 | | | 21.2 | 13.2 | 12.6 |
| SL-78 | | F-36 | 75 | 14 | 40.5 | 3.0 | 150.0 | | | 21.2 | 13.2 | 12.6 |
| SL-78 | | F-36 | 76 | 26 | 44.7 | 3.0 | 150.0 | | | 21.3 | 13.2 | 12.6 |
| SL-84 | | F-12 | 73 | 11 | 32.7 | 4.5 | 150.0 | | | 22.1 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 16 | 32.1 | 4.5 | 150.0 | | | 22.2 | 14.2 | 12.6 |
| SL-84 | | F-12 | 74 | 31 | 34.5 | 4.5 | 150.0 | | | 22.3 | 14.2 | 12.6 |
| SL-84 | | F-18 | 74 | 13 | 34.6 | 3.5 | 150.0 | | | 21.9 | 13.8 | 12.6 |
| SL-84 | | F-18 | 74 | 18 | 35.9 | 3.5 | 150.0 | | | 21.8 | 13.8 | 12.6 |
| SL-84 | | F-18 | 74 | 32 | 39.0 | 3.5 | 150.0 | | | 21.7 | 13.8 | 12.6 |

26 SLF - operation



Note

- ▶ Turntable ballast: 130t
- ▶ The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100139-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | F-12 | 61 | 11 | 36.5 | 7.0 | 130.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-12 | 61 | 16 | 37.3 | 7.0 | 130.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-12 | 61 | 31 | 39.2 | 7.0 | 130.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-18 | 62 | 13 | 39.9 | 7.0 | 130.0 | | | 24.3 | 20.2 | 12.6 |
| SL-54 | | F-18 | 71 | 18 | 31.1 | 7.0 | 130.0 | | | 24.3 | 20.2 | 12.6 |
| SL-54 | | F-18 | 71 | 32 | 34.1 | 7.0 | 130.0 | | | 24.6 | 20.2 | 12.6 |
| SL-54 | | F-24 | 71 | 13 | 33.1 | 7.0 | 130.0 | | | 24.2 | 19.2 | 12.6 |
| SL-54 | | F-24 | 71 | 18 | 34.6 | 7.0 | 130.0 | | | 24.4 | 19.2 | 12.6 |
| SL-54 | | F-24 | 71 | 30 | 38.4 | 7.0 | 130.0 | | | 24.8 | 19.2 | 12.6 |
| SL-54 | | F-30 | 71 | 12 | 35.7 | 7.0 | 130.0 | | | 24.1 | 18.3 | 12.6 |
| SL-54 | | F-30 | 71 | 16 | 37.6 | 7.0 | 130.0 | | | 24.4 | 18.3 | 12.6 |
| SL-54 | | F-30 | 71 | 28 | 42.3 | 7.0 | 130.0 | | | 25.0 | 18.3 | 12.6 |
| SL-54 | | F-36 | 71 | 10 | 37.7 | 7.0 | 130.0 | | | 24.0 | 17.4 | 12.6 |
| SL-54 | | F-36 | 71 | 14 | 40.0 | 7.0 | 130.0 | | | 24.3 | 17.4 | 12.6 |
| SL-54 | | F-36 | 72 | 26 | 44.4 | 7.0 | 130.0 | | | 24.2 | 17.5 | 12.6 |
| SL-60 | | F-12 | 71 | 11 | 28.1 | 7.0 | 130.0 | | | 24.4 | 19.3 | 12.6 |
| SL-60 | | F-12 | 71 | 16 | 29.0 | 7.0 | 130.0 | | | 24.5 | 19.3 | 12.6 |
| SL-60 | | F-12 | 71 | 31 | 31.3 | 7.0 | 130.0 | | | 24.7 | 19.3 | 12.6 |
| SL-60 | | F-18 | 71 | 13 | 31.8 | 7.0 | 130.0 | | | 24.4 | 18.4 | 12.6 |
| SL-60 | | F-18 | 71 | 18 | 33.0 | 7.0 | 130.0 | | | 24.5 | 18.4 | 12.6 |
| SL-60 | | F-18 | 71 | 32 | 36.1 | 7.0 | 130.0 | | | 24.8 | 18.4 | 12.6 |
| SL-60 | | F-24 | 71 | 13 | 35.0 | 7.0 | 130.0 | | | 24.4 | 17.6 | 12.6 |
| SL-60 | | F-24 | 71 | 18 | 36.6 | 7.0 | 130.0 | | | 24.6 | 17.6 | 12.6 |
| SL-60 | | F-24 | 71 | 30 | 40.4 | 7.0 | 130.0 | | | 24.6 | 17.6 | 12.6 |
| SL-60 | | F-30 | 71 | 12 | 37.6 | 7.0 | 130.0 | | | 23.9 | 16.8 | 12.6 |
| SL-60 | | F-30 | 72 | 16 | 38.1 | 7.0 | 130.0 | | | 23.8 | 16.8 | 12.6 |
| SL-60 | | F-30 | 72 | 28 | 42.9 | 7.0 | 130.0 | | | 23.8 | 16.8 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100139-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-60 | | F-36 | 72 | 10 | 38.1 | 7.0 | 130.0 | | | 23.4 | 16.0 | 12.6 |
| SL-60 | | F-36 | 72 | 14 | 40.5 | 7.0 | 130.0 | | | 23.2 | 16.1 | 12.6 |
| SL-60 | | F-36 | 73 | 26 | 44.8 | 7.0 | 130.0 | | | 23.1 | 16.1 | 12.6 |
| SL-66 | | F-12 | 71 | 11 | 30.0 | 7.0 | 130.0 | | | 24.6 | 17.6 | 12.6 |
| SL-66 | | F-12 | 71 | 16 | 31.0 | 7.0 | 130.0 | | | 24.7 | 17.6 | 12.6 |
| SL-66 | | F-12 | 71 | 31 | 33.2 | 7.0 | 130.0 | | | 24.8 | 17.6 | 12.6 |
| SL-66 | | F-18 | 71 | 13 | 33.8 | 7.0 | 130.0 | | | 24.4 | 16.9 | 12.6 |
| SL-66 | | F-18 | 71 | 18 | 35.0 | 7.0 | 130.0 | | | 24.3 | 16.9 | 12.6 |
| SL-66 | | F-18 | 72 | 32 | 36.7 | 7.0 | 130.0 | | | 24.2 | 16.9 | 12.6 |
| SL-66 | | F-24 | 72 | 13 | 35.5 | 7.0 | 130.0 | | | 23.8 | 16.2 | 12.6 |
| SL-66 | | F-24 | 72 | 18 | 37.1 | 7.0 | 130.0 | | | 23.7 | 16.2 | 12.6 |
| SL-66 | | F-24 | 73 | 30 | 39.6 | 7.0 | 130.0 | | | 23.6 | 16.2 | 12.6 |
| SL-66 | | F-30 | 73 | 12 | 36.5 | 7.0 | 130.0 | | | 23.0 | 15.5 | 12.6 |
| SL-66 | | F-30 | 73 | 16 | 38.4 | 7.0 | 130.0 | | | 23.2 | 15.5 | 12.6 |
| SL-66 | | F-30 | 74 | 28 | 41.8 | 7.0 | 130.0 | | | 22.9 | 15.5 | 12.6 |
| SL-66 | | F-36 | 73 | 10 | 38.3 | 7.0 | 130.0 | | | 22.4 | 14.9 | 12.6 |
| SL-66 | | F-36 | 74 | 14 | 39.0 | 7.0 | 130.0 | | | 22.4 | 14.9 | 12.6 |
| SL-66 | | F-36 | 75 | 26 | 43.4 | 7.0 | 130.0 | | | 22.3 | 14.9 | 12.6 |
| SL-72 | | F-12 | 72 | 11 | 30.6 | 7.0 | 130.0 | | | 23.9 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 16 | 31.5 | 7.0 | 130.0 | | | 24.0 | 16.2 | 12.6 |
| SL-72 | | F-12 | 72 | 31 | 33.9 | 7.0 | 130.0 | | | 24.1 | 16.2 | 12.6 |
| SL-72 | | F-18 | 72 | 13 | 34.3 | 7.0 | 130.0 | | | 23.3 | 15.6 | 12.6 |
| SL-72 | | F-18 | 72 | 18 | 35.5 | 7.0 | 130.0 | | | 23.2 | 15.6 | 12.6 |
| SL-72 | | F-18 | 73 | 32 | 37.2 | 7.0 | 130.0 | | | 23.5 | 15.6 | 12.6 |
| SL-72 | | F-24 | 73 | 13 | 35.8 | 6.0 | 130.0 | | | 22.9 | 15.0 | 12.6 |
| SL-72 | | F-24 | 73 | 18 | 37.4 | 6.0 | 130.0 | | | 22.8 | 15.0 | 12.6 |
| SL-72 | | F-24 | 74 | 30 | 39.8 | 6.0 | 130.0 | | | 22.8 | 15.0 | 12.6 |
| SL-72 | | F-30 | 74 | 12 | 36.6 | 4.5 | 130.0 | | | 22.3 | 14.5 | 12.6 |
| SL-72 | | F-30 | 74 | 16 | 38.5 | 4.5 | 130.0 | | | 22.5 | 14.5 | 12.6 |
| SL-72 | | F-30 | 75 | 28 | 41.9 | 4.5 | 130.0 | | | 22.2 | 14.5 | 12.6 |
| SL-78 | | F-12 | 72 | 11 | 32.5 | 6.0 | 130.0 | | | 22.9 | 15.2 | 12.6 |
| SL-78 | | F-12 | 73 | 16 | 31.9 | 6.0 | 130.0 | | | 22.9 | 15.2 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100139-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-78 | | F-12 | 73 | 31 | 34.3 | 6.0 | 130.0 | | | 23.0 | 15.2 | 12.6 |
| SL-78 | | F-18 | 73 | 13 | 34.6 | 4.0 | 130.0 | | | 22.6 | 14.7 | 12.6 |
| SL-78 | | F-18 | 73 | 18 | 35.8 | 4.0 | 130.0 | | | 22.5 | 14.7 | 12.6 |
| SL-78 | | F-18 | 74 | 32 | 37.4 | 4.0 | 130.0 | | | 22.4 | 14.7 | 12.6 |

27 SLF - operation



Note

- Turntable ballast: 110t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100140-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | | F-12 | 61 | 11 | 36.5 | 7.0 | 110.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-12 | 61 | 16 | 37.3 | 7.0 | 110.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-12 | 61 | 31 | 39.2 | 7.0 | 110.0 | | | 25.0 | 21.2 | 12.6 |
| SL-54 | | F-18 | 71 | 13 | 29.9 | 7.0 | 110.0 | | | 24.2 | 20.1 | 12.6 |
| SL-54 | | F-18 | 71 | 18 | 31.1 | 7.0 | 110.0 | | | 24.3 | 20.1 | 12.6 |
| SL-54 | | F-18 | 71 | 32 | 34.1 | 7.0 | 110.0 | | | 24.6 | 20.1 | 12.6 |
| SL-54 | | F-24 | 71 | 13 | 33.1 | 7.0 | 110.0 | | | 24.2 | 19.1 | 12.6 |
| SL-54 | | F-24 | 71 | 18 | 34.6 | 7.0 | 110.0 | | | 24.4 | 19.1 | 12.6 |
| SL-54 | | F-24 | 71 | 30 | 38.4 | 7.0 | 110.0 | | | 24.8 | 19.2 | 12.6 |
| SL-54 | | F-30 | 71 | 12 | 35.7 | 7.0 | 110.0 | | | 24.1 | 18.2 | 12.6 |
| SL-54 | | F-30 | 71 | 16 | 37.6 | 7.0 | 110.0 | | | 24.4 | 18.2 | 12.6 |
| SL-54 | | F-30 | 71 | 28 | 42.3 | 7.0 | 110.0 | | | 25.0 | 18.3 | 12.6 |
| SL-54 | | F-36 | 71 | 10 | 37.7 | 7.0 | 110.0 | | | 24.0 | 17.3 | 12.6 |
| SL-54 | | F-36 | 71 | 14 | 40.0 | 7.0 | 110.0 | | | 24.2 | 17.4 | 12.6 |
| SL-54 | | F-36 | 72 | 26 | 44.4 | 7.0 | 110.0 | | | 24.1 | 17.4 | 12.6 |
| SL-60 | | F-12 | 71 | 11 | 28.1 | 7.0 | 110.0 | | | 24.4 | 19.2 | 12.6 |
| SL-60 | | F-12 | 71 | 16 | 29.0 | 7.0 | 110.0 | | | 24.5 | 19.2 | 12.6 |
| SL-60 | | F-12 | 71 | 31 | 31.3 | 7.0 | 110.0 | | | 24.7 | 19.2 | 12.6 |
| SL-60 | | F-18 | 71 | 13 | 31.8 | 7.0 | 110.0 | | | 24.4 | 18.4 | 12.6 |
| SL-60 | | F-18 | 71 | 18 | 33.0 | 7.0 | 110.0 | | | 24.5 | 18.4 | 12.6 |
| SL-60 | | F-18 | 71 | 32 | 36.1 | 7.0 | 110.0 | | | 24.8 | 18.4 | 12.6 |
| SL-60 | | F-24 | 71 | 13 | 35.0 | 7.0 | 110.0 | | | 24.4 | 17.5 | 12.6 |
| SL-60 | | F-24 | 71 | 18 | 36.6 | 7.0 | 110.0 | | | 24.6 | 17.5 | 12.6 |
| SL-60 | | F-24 | 71 | 30 | 40.4 | 7.0 | 110.0 | | | 24.5 | 17.6 | 12.6 |
| SL-60 | | F-30 | 71 | 12 | 37.6 | 7.0 | 110.0 | | | 23.8 | 16.7 | 12.6 |
| SL-60 | | F-30 | 72 | 16 | 38.1 | 7.0 | 110.0 | | | 23.8 | 16.7 | 12.6 |
| SL-60 | | F-30 | 72 | 28 | 42.9 | 7.0 | 110.0 | | | 23.8 | 16.8 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100140-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-60 | | F-36 | 72 | 10 | 38.1 | 7.0 | 110.0 | | | 23.3 | 16.0 | 12.6 |
| SL-60 | | F-36 | 72 | 14 | 40.5 | 7.0 | 110.0 | | | 23.1 | 16.0 | 12.6 |
| SL-60 | | F-36 | 73 | 26 | 44.8 | 7.0 | 110.0 | | | 23.1 | 16.1 | 12.6 |
| SL-66 | | F-12 | 71 | 11 | 30.0 | 7.0 | 110.0 | | | 24.6 | 17.6 | 12.6 |
| SL-66 | | F-12 | 71 | 16 | 31.0 | 7.0 | 110.0 | | | 24.7 | 17.6 | 12.6 |
| SL-66 | | F-12 | 71 | 31 | 33.2 | 7.0 | 110.0 | | | 24.8 | 17.6 | 12.6 |
| SL-66 | | F-18 | 71 | 13 | 33.8 | 7.0 | 110.0 | | | 24.3 | 16.8 | 12.6 |
| SL-66 | | F-18 | 71 | 18 | 35.0 | 7.0 | 110.0 | | | 24.2 | 16.8 | 12.6 |
| SL-66 | | F-18 | 72 | 32 | 36.7 | 7.0 | 110.0 | | | 24.2 | 16.8 | 12.6 |
| SL-66 | | F-24 | 72 | 13 | 35.5 | 5.5 | 110.0 | | | 23.8 | 16.2 | 12.6 |
| SL-66 | | F-24 | 72 | 18 | 37.1 | 5.5 | 110.0 | | | 23.7 | 16.2 | 12.6 |
| SL-66 | | F-24 | 73 | 30 | 39.6 | 5.5 | 110.0 | | | 23.6 | 16.2 | 12.6 |
| SL-66 | | F-30 | 73 | 12 | 36.5 | 4.0 | 110.0 | | | 23.0 | 15.6 | 12.6 |
| SL-66 | | F-30 | 73 | 16 | 38.4 | 4.0 | 110.0 | | | 23.2 | 15.6 | 12.6 |
| SL-66 | | F-30 | 74 | 28 | 41.8 | 4.0 | 110.0 | | | 22.9 | 15.6 | 12.6 |
| SL-72 | | F-12 | 72 | 11 | 30.6 | 4.0 | 110.0 | | | 23.9 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 16 | 31.5 | 4.0 | 110.0 | | | 24.0 | 16.3 | 12.6 |
| SL-72 | | F-12 | 72 | 31 | 33.9 | 4.0 | 110.0 | | | 24.1 | 16.3 | 12.6 |

28 SL3F - operation



Note

- Turntable ballast: 190t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100141-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-72 | | F-12 | 71 | 11 | 32.0 | 7.0 | 190.0 | | | 23.1 | 16.8 | 12.6 |
| SL3-72 | | F-12 | 71 | 16 | 32.9 | 7.0 | 190.0 | | | 23.2 | 16.8 | 12.6 |
| SL3-72 | | F-12 | 71 | 31 | 35.2 | 7.0 | 190.0 | | | 23.4 | 16.8 | 12.6 |
| SL3-72 | | F-18 | 71 | 13 | 35.7 | 7.0 | 190.0 | | | 23.0 | 16.1 | 12.6 |
| SL3-72 | | F-18 | 71 | 18 | 37.0 | 7.0 | 190.0 | | | 22.9 | 16.1 | 12.6 |
| SL3-72 | | F-18 | 72 | 32 | 38.6 | 7.0 | 190.0 | | | 22.8 | 16.1 | 12.6 |
| SL3-72 | | F-24 | 72 | 13 | 37.4 | 7.0 | 190.0 | | | 22.5 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 72 | 18 | 38.9 | 7.0 | 190.0 | | | 22.4 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 73 | 30 | 41.3 | 7.0 | 190.0 | | | 22.3 | 15.5 | 12.6 |
| SL3-72 | | F-30 | 73 | 12 | 38.2 | 7.0 | 190.0 | | | 21.8 | 14.8 | 12.6 |
| SL3-72 | | F-30 | 73 | 16 | 40.2 | 7.0 | 190.0 | | | 22.0 | 14.8 | 12.6 |
| SL3-72 | | F-30 | 74 | 28 | 43.5 | 7.0 | 190.0 | | | 21.8 | 14.8 | 12.6 |
| SL3-72 | | F-36 | 73 | 10 | 40.1 | 7.0 | 190.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 14 | 40.7 | 7.0 | 190.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 75 | 26 | 44.9 | 7.0 | 190.0 | | | 21.3 | 14.3 | 12.6 |
| SL3-75 | | F-12 | 71 | 11 | 33.0 | 7.0 | 190.0 | | | 23.1 | 16.1 | 12.6 |
| SL3-75 | | F-12 | 71 | 16 | 33.9 | 7.0 | 190.0 | | | 23.1 | 16.1 | 12.6 |
| SL3-75 | | F-12 | 71 | 31 | 36.2 | 7.0 | 190.0 | | | 23.0 | 16.1 | 12.6 |
| SL3-75 | | F-18 | 72 | 13 | 35.2 | 7.0 | 190.0 | | | 22.6 | 15.5 | 12.6 |
| SL3-75 | | F-18 | 72 | 18 | 36.4 | 7.0 | 190.0 | | | 22.7 | 15.5 | 12.6 |
| SL3-75 | | F-18 | 72 | 32 | 39.5 | 7.0 | 190.0 | | | 22.5 | 15.5 | 12.6 |
| SL3-75 | | F-24 | 73 | 13 | 36.7 | 7.0 | 190.0 | | | 21.9 | 14.9 | 12.6 |
| SL3-75 | | F-24 | 73 | 18 | 38.3 | 7.0 | 190.0 | | | 22.1 | 14.9 | 12.6 |
| SL3-75 | | F-24 | 73 | 30 | 42.2 | 7.0 | 190.0 | | | 22.0 | 14.9 | 12.6 |
| SL3-75 | | F-30 | 73 | 12 | 39.1 | 7.0 | 190.0 | | | 21.5 | 14.3 | 12.6 |
| SL3-75 | | F-30 | 74 | 16 | 39.4 | 7.0 | 190.0 | | | 21.4 | 14.3 | 12.6 |
| SL3-75 | | F-30 | 74 | 28 | 44.3 | 7.0 | 190.0 | | | 21.6 | 14.3 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100141-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-75 | | F-36 | 74 | 10 | 39.1 | 7.0 | 190.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 74 | 14 | 41.5 | 7.0 | 190.0 | | | 21.1 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 75 | 26 | 45.7 | 7.0 | 190.0 | | | 21.2 | 13.8 | 12.6 |
| SL3-78 | | F-12 | 71 | 11 | 33.9 | 7.0 | 190.0 | | | 22.6 | 15.7 | 12.6 |
| SL3-78 | | F-12 | 71 | 16 | 34.9 | 7.0 | 190.0 | | | 22.6 | 15.7 | 12.6 |
| SL3-78 | | F-12 | 71 | 31 | 37.2 | 7.0 | 190.0 | | | 22.5 | 15.7 | 12.6 |
| SL3-78 | | F-18 | 72 | 13 | 36.1 | 7.0 | 190.0 | | | 22.2 | 15.1 | 12.6 |
| SL3-78 | | F-18 | 72 | 18 | 37.4 | 7.0 | 190.0 | | | 22.1 | 15.1 | 12.6 |
| SL3-78 | | F-18 | 72 | 32 | 40.4 | 7.0 | 190.0 | | | 22.0 | 15.1 | 12.6 |
| SL3-78 | | F-24 | 73 | 13 | 37.6 | 7.0 | 190.0 | | | 21.5 | 14.5 | 12.6 |
| SL3-78 | | F-24 | 73 | 18 | 39.1 | 7.0 | 190.0 | | | 21.7 | 14.5 | 12.6 |
| SL3-78 | | F-24 | 73 | 30 | 43.1 | 7.0 | 190.0 | | | 21.6 | 14.5 | 12.6 |
| SL3-78 | | F-30 | 73 | 12 | 40.0 | 7.0 | 190.0 | | | 21.0 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 16 | 40.2 | 7.0 | 190.0 | | | 21.1 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 28 | 45.1 | 7.0 | 190.0 | | | 21.1 | 14.0 | 12.6 |
| SL3-78 | | F-36 | 74 | 10 | 40.0 | 7.0 | 190.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 74 | 14 | 42.3 | 7.0 | 190.0 | | | 20.7 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 75 | 26 | 46.5 | 7.0 | 190.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-81 | | F-12 | 72 | 11 | 33.4 | 7.0 | 190.0 | | | 22.3 | 15.1 | 12.6 |
| SL3-81 | | F-12 | 72 | 16 | 34.3 | 7.0 | 190.0 | | | 22.3 | 15.1 | 12.6 |
| SL3-81 | | F-12 | 72 | 31 | 36.6 | 7.0 | 190.0 | | | 22.2 | 15.1 | 12.6 |
| SL3-81 | | F-18 | 73 | 13 | 35.4 | 7.0 | 190.0 | | | 21.6 | 14.5 | 12.6 |
| SL3-81 | | F-18 | 73 | 18 | 36.7 | 7.0 | 190.0 | | | 21.7 | 14.5 | 12.6 |
| SL3-81 | | F-18 | 73 | 32 | 39.8 | 7.0 | 190.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-81 | | F-24 | 73 | 13 | 38.4 | 7.0 | 190.0 | | | 21.2 | 14.0 | 12.6 |
| SL3-81 | | F-24 | 73 | 18 | 40.0 | 7.0 | 190.0 | | | 21.2 | 14.0 | 12.6 |
| SL3-81 | | F-24 | 74 | 30 | 42.3 | 7.0 | 190.0 | | | 21.4 | 14.0 | 12.6 |
| SL3-81 | | F-30 | 74 | 12 | 39.0 | 7.0 | 190.0 | | | 21.0 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 74 | 16 | 41.0 | 7.0 | 190.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 75 | 28 | 44.2 | 7.0 | 190.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-81 | | F-36 | 74 | 10 | 40.8 | 7.0 | 190.0 | | | 20.3 | 12.9 | 12.6 |
| SL3-81 | | F-36 | 75 | 14 | 41.3 | 7.0 | 190.0 | | | 20.5 | 13.0 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100141-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-81 | | F-36 | 76 | 26 | 45.4 | 7.0 | 190.0 | | | 20.4 | 13.0 | 12.6 |
| SL3-84 | | F-12 | 72 | 11 | 34.3 | 7.0 | 190.0 | | | 21.7 | 14.6 | 12.6 |
| SL3-84 | | F-12 | 72 | 16 | 35.2 | 7.0 | 190.0 | | | 21.7 | 14.6 | 12.6 |
| SL3-84 | | F-12 | 73 | 31 | 36.0 | 7.0 | 190.0 | | | 21.8 | 14.6 | 12.6 |
| SL3-84 | | F-18 | 73 | 13 | 36.3 | 7.0 | 190.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 18 | 37.6 | 7.0 | 190.0 | | | 21.4 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 32 | 40.7 | 7.0 | 190.0 | | | 21.3 | 14.0 | 12.6 |
| SL3-84 | | F-24 | 74 | 13 | 37.5 | 7.0 | 190.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 18 | 39.1 | 7.0 | 190.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 30 | 43.2 | 7.0 | 190.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-84 | | F-30 | 74 | 12 | 39.9 | 7.0 | 190.0 | | | 20.5 | 13.0 | 12.6 |
| SL3-84 | | F-30 | 75 | 16 | 40.0 | 7.0 | 190.0 | | | 20.5 | 13.0 | 12.6 |
| SL3-84 | | F-30 | 75 | 28 | 45.0 | 7.0 | 190.0 | | | 20.6 | 13.1 | 12.6 |
| SL3-84 | | F-36 | 75 | 10 | 39.6 | 6.5 | 190.0 | | | 20.3 | 12.6 | 12.6 |
| SL3-84 | | F-36 | 75 | 14 | 42.0 | 6.5 | 190.0 | | | 20.2 | 12.6 | 12.6 |
| SL3-84 | | F-36 | 76 | 26 | 46.1 | 6.5 | 190.0 | | | 20.3 | 12.6 | 12.6 |
| SL3-87 | | F-12 | 73 | 11 | 33.6 | 7.0 | 190.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 16 | 34.5 | 7.0 | 190.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 31 | 36.9 | 7.0 | 190.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-87 | | F-18 | 74 | 13 | 35.5 | 7.0 | 190.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 18 | 36.7 | 7.0 | 190.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 32 | 39.9 | 7.0 | 190.0 | | | 21.2 | 13.5 | 12.6 |
| SL3-87 | | F-24 | 74 | 13 | 38.4 | 7.0 | 190.0 | | | 20.6 | 13.1 | 12.6 |
| SL3-87 | | F-24 | 74 | 18 | 40.0 | 7.0 | 190.0 | | | 20.6 | 13.1 | 12.6 |
| SL3-87 | | F-24 | 75 | 30 | 42.2 | 7.0 | 190.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-87 | | F-30 | 75 | 12 | 38.8 | 7.0 | 190.0 | | | 20.4 | 12.6 | 12.6 |
| SL3-87 | | F-30 | 75 | 16 | 40.8 | 7.0 | 190.0 | | | 20.4 | 12.6 | 12.6 |
| SL3-87 | | F-30 | 76 | 28 | 43.9 | 7.0 | 190.0 | | | 20.2 | 12.6 | 12.6 |
| SL3-87 | | F-36 | 75 | 10 | 40.4 | 5.5 | 190.0 | | | 19.8 | 12.2 | 12.2 |
| SL3-87 | | F-36 | 76 | 14 | 40.8 | 5.5 | 190.0 | | | 19.9 | 12.2 | 12.2 |
| SL3-87 | | F-36 | 76 | 26 | 46.8 | 5.5 | 190.0 | | | 19.9 | 12.2 | 12.2 |
| SL3-90 | | F-12 | 73 | 11 | 34.5 | 7.0 | 190.0 | | | 21.0 | 13.6 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100141-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-90 | | F-12 | 73 | 16 | 35.4 | 7.0 | 190.0 | | | 21.0 | 13.6 | 12.6 |
| SL3-90 | | F-12 | 74 | 31 | 36.1 | 7.0 | 190.0 | | | 21.0 | 13.6 | 12.6 |
| SL3-90 | | F-18 | 74 | 13 | 36.3 | 7.0 | 190.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-90 | | F-18 | 74 | 18 | 37.5 | 7.0 | 190.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-90 | | F-18 | 74 | 32 | 40.7 | 7.0 | 190.0 | | | 20.6 | 13.1 | 12.6 |
| SL3-90 | | F-24 | 75 | 13 | 37.3 | 6.5 | 190.0 | | | 20.2 | 12.7 | 12.6 |
| SL3-90 | | F-24 | 75 | 18 | 38.9 | 6.5 | 190.0 | | | 20.3 | 12.7 | 12.6 |
| SL3-90 | | F-24 | 75 | 30 | 43.0 | 6.5 | 190.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-90 | | F-30 | 75 | 12 | 39.5 | 5.5 | 190.0 | | | 20.0 | 12.3 | 12.3 |
| SL3-90 | | F-30 | 75 | 16 | 41.5 | 5.5 | 190.0 | | | 19.9 | 12.3 | 12.3 |
| SL3-90 | | F-30 | 76 | 28 | 44.6 | 5.5 | 190.0 | | | 20.1 | 12.3 | 12.3 |
| SL3-90 | | F-36 | 76 | 10 | 39.1 | 4.0 | 190.0 | | | 19.5 | 11.9 | 11.9 |
| SL3-90 | | F-36 | 76 | 14 | 41.5 | 4.0 | 190.0 | | | 19.7 | 11.9 | 11.9 |
| SL3-90 | | F-36 | 77 | 26 | 45.6 | 4.0 | 190.0 | | | 19.4 | 11.9 | 11.9 |
| SL3-93 | | F-12 | 74 | 11 | 33.6 | 7.0 | 190.0 | | | 20.9 | 13.1 | 12.6 |
| SL3-93 | | F-12 | 74 | 16 | 34.6 | 7.0 | 190.0 | | | 20.9 | 13.1 | 12.6 |
| SL3-93 | | F-12 | 74 | 31 | 37.0 | 7.0 | 190.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-93 | | F-18 | 75 | 13 | 35.3 | 6.5 | 190.0 | | | 20.3 | 12.7 | 12.6 |
| SL3-93 | | F-18 | 75 | 18 | 36.5 | 6.5 | 190.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-93 | | F-18 | 75 | 32 | 39.7 | 6.5 | 190.0 | | | 20.6 | 12.7 | 12.6 |
| SL3-93 | | F-24 | 75 | 13 | 38.1 | 4.0 | 190.0 | | | 20.1 | 12.3 | 12.3 |
| SL3-93 | | F-24 | 75 | 18 | 39.7 | 4.0 | 190.0 | | | 20.1 | 12.3 | 12.3 |
| SL3-93 | | F-24 | 76 | 30 | 41.9 | 4.0 | 190.0 | | | 20.0 | 12.3 | 12.3 |
| SL3-96 | | F-12 | 74 | 11 | 34.4 | 5.5 | 190.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-96 | | F-12 | 74 | 16 | 35.4 | 5.5 | 190.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-96 | | F-12 | 75 | 31 | 36.0 | 5.5 | 190.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-96 | | F-18 | 75 | 13 | 36.0 | 4.0 | 190.0 | | | 20.3 | 12.4 | 12.4 |
| SL3-96 | | F-18 | 75 | 18 | 37.3 | 4.0 | 190.0 | | | 20.3 | 12.4 | 12.4 |
| SL3-96 | | F-18 | 75 | 32 | 40.5 | 4.0 | 190.0 | | | 20.2 | 12.4 | 12.4 |
| SL3-99 | | F-12 | 75 | 11 | 33.4 | 4.0 | 190.0 | | | 20.3 | 12.4 | 12.4 |
| SL3-99 | | F-12 | 75 | 16 | 34.4 | 4.0 | 190.0 | | | 20.4 | 12.4 | 12.4 |
| SL3-99 | | F-12 | 75 | 31 | 36.8 | 4.0 | 190.0 | | | 20.3 | 12.3 | 12.3 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100141-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-99 | | F-18 | 75 | 13 | 36.8 | 4.0 | 190.0 | | | 19.8 | 12.0 | 12.0 |
| SL3-99 | | F-18 | 75 | 18 | 38.1 | 4.0 | 190.0 | | | 19.8 | 12.0 | 12.0 |
| SL3-99 | | F-18 | 76 | 32 | 39.4 | 4.0 | 190.0 | | | 19.9 | 12.0 | 12.0 |
| SL3-102 | | F-12 | 75 | 11 | 34.2 | 4.0 | 190.0 | | | 20.0 | 12.0 | 12.0 |
| SL3-102 | | F-12 | 75 | 16 | 35.1 | 4.0 | 190.0 | | | 20.0 | 12.0 | 12.0 |
| SL3-102 | | F-12 | 75 | 31 | 37.6 | 4.0 | 190.0 | | | 19.9 | 12.0 | 12.0 |
| SL3-105 | | F-12 | 75 | 11 | 35.0 | 4.0 | 190.0 | | | 19.5 | 11.6 | 11.6 |
| SL3-105 | | F-12 | 75 | 16 | 35.9 | 4.0 | 190.0 | | | 19.5 | 11.6 | 11.6 |
| SL3-105 | | F-12 | 76 | 31 | 36.4 | 4.0 | 190.0 | | | 19.6 | 11.6 | 11.6 |
| SL3-108 | | F-12 | 76 | 11 | 33.7 | 4.0 | 190.0 | | | 19.2 | 11.3 | 11.3 |
| SL3-108 | | F-12 | 76 | 16 | 34.7 | 4.0 | 190.0 | | | 19.2 | 11.3 | 11.3 |
| SL3-108 | | F-12 | 76 | 31 | 37.1 | 4.0 | 190.0 | | | 19.3 | 11.3 | 11.3 |

29 SL3F - operation



Note

- ▶ Turntable ballast: 170t
- ▶ The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100142-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-72 | | F-12 | 71 | 11 | 32.0 | 7.0 | 170.0 | | | 23.1 | 16.7 | 12.6 |
| SL3-72 | | F-12 | 71 | 16 | 32.9 | 7.0 | 170.0 | | | 23.2 | 16.7 | 12.6 |
| SL3-72 | | F-12 | 71 | 31 | 35.2 | 7.0 | 170.0 | | | 23.4 | 16.7 | 12.6 |
| SL3-72 | | F-18 | 71 | 13 | 35.7 | 7.0 | 170.0 | | | 23.0 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 18 | 37.0 | 7.0 | 170.0 | | | 23.0 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 32 | 40.0 | 7.0 | 170.0 | | | 22.8 | 16.0 | 12.6 |
| SL3-72 | | F-24 | 72 | 13 | 37.4 | 7.0 | 170.0 | | | 22.5 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 72 | 18 | 38.9 | 7.0 | 170.0 | | | 22.5 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 73 | 30 | 41.3 | 7.0 | 170.0 | | | 22.3 | 15.4 | 12.6 |
| SL3-72 | | F-30 | 73 | 12 | 38.2 | 7.0 | 170.0 | | | 21.8 | 14.8 | 12.6 |
| SL3-72 | | F-30 | 73 | 16 | 40.2 | 7.0 | 170.0 | | | 22.0 | 14.8 | 12.6 |
| SL3-72 | | F-30 | 74 | 28 | 43.5 | 7.0 | 170.0 | | | 21.8 | 14.8 | 12.6 |
| SL3-72 | | F-36 | 73 | 10 | 40.1 | 7.0 | 170.0 | | | 21.4 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 14 | 40.7 | 7.0 | 170.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 26 | 46.6 | 7.0 | 170.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-75 | | F-12 | 71 | 11 | 33.0 | 7.0 | 170.0 | | | 23.2 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 16 | 33.9 | 7.0 | 170.0 | | | 23.2 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 31 | 36.2 | 7.0 | 170.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-75 | | F-18 | 72 | 13 | 35.2 | 7.0 | 170.0 | | | 22.6 | 15.4 | 12.6 |
| SL3-75 | | F-18 | 72 | 18 | 36.4 | 7.0 | 170.0 | | | 22.7 | 15.4 | 12.6 |
| SL3-75 | | F-18 | 72 | 32 | 39.5 | 7.0 | 170.0 | | | 22.6 | 15.4 | 12.6 |
| SL3-75 | | F-24 | 73 | 13 | 36.7 | 7.0 | 170.0 | | | 21.9 | 14.8 | 12.6 |
| SL3-75 | | F-24 | 73 | 18 | 38.3 | 7.0 | 170.0 | | | 22.1 | 14.8 | 12.6 |
| SL3-75 | | F-24 | 73 | 30 | 42.2 | 7.0 | 170.0 | | | 22.1 | 14.8 | 12.6 |
| SL3-75 | | F-30 | 73 | 12 | 39.1 | 7.0 | 170.0 | | | 21.6 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 73 | 16 | 41.1 | 7.0 | 170.0 | | | 21.5 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 74 | 28 | 44.3 | 7.0 | 170.0 | | | 21.7 | 14.3 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100142-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-75 | | F-36 | 74 | 10 | 39.1 | 7.0 | 170.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 74 | 14 | 41.5 | 7.0 | 170.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 75 | 26 | 45.7 | 7.0 | 170.0 | | | 21.3 | 13.7 | 12.6 |
| SL3-78 | | F-12 | 71 | 11 | 33.9 | 7.0 | 170.0 | | | 22.7 | 15.6 | 12.6 |
| SL3-78 | | F-12 | 71 | 16 | 34.9 | 7.0 | 170.0 | | | 22.6 | 15.6 | 12.6 |
| SL3-78 | | F-12 | 71 | 31 | 37.2 | 7.0 | 170.0 | | | 22.5 | 15.6 | 12.6 |
| SL3-78 | | F-18 | 72 | 13 | 36.1 | 7.0 | 170.0 | | | 22.2 | 15.0 | 12.6 |
| SL3-78 | | F-18 | 72 | 18 | 37.4 | 7.0 | 170.0 | | | 22.2 | 15.0 | 12.6 |
| SL3-78 | | F-18 | 72 | 32 | 40.4 | 7.0 | 170.0 | | | 22.1 | 15.0 | 12.6 |
| SL3-78 | | F-24 | 73 | 13 | 37.6 | 7.0 | 170.0 | | | 21.5 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 18 | 39.1 | 7.0 | 170.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 30 | 43.1 | 7.0 | 170.0 | | | 21.6 | 14.5 | 12.6 |
| SL3-78 | | F-30 | 73 | 12 | 40.0 | 7.0 | 170.0 | | | 21.1 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 16 | 40.2 | 7.0 | 170.0 | | | 21.1 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 28 | 45.1 | 7.0 | 170.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-78 | | F-36 | 74 | 10 | 40.0 | 7.0 | 170.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 74 | 14 | 42.3 | 7.0 | 170.0 | | | 20.7 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 75 | 26 | 46.5 | 7.0 | 170.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-12 | 72 | 11 | 33.4 | 7.0 | 170.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-81 | | F-12 | 72 | 16 | 34.3 | 7.0 | 170.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-81 | | F-12 | 72 | 31 | 36.6 | 7.0 | 170.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-81 | | F-18 | 72 | 13 | 37.1 | 7.0 | 170.0 | | | 21.6 | 14.5 | 12.6 |
| SL3-81 | | F-18 | 73 | 18 | 36.7 | 7.0 | 170.0 | | | 21.7 | 14.5 | 12.6 |
| SL3-81 | | F-18 | 73 | 32 | 39.8 | 7.0 | 170.0 | | | 21.9 | 14.5 | 12.6 |
| SL3-81 | | F-24 | 73 | 13 | 38.4 | 7.0 | 170.0 | | | 21.3 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 73 | 18 | 40.0 | 7.0 | 170.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 74 | 30 | 42.3 | 7.0 | 170.0 | | | 21.4 | 13.9 | 12.6 |
| SL3-81 | | F-30 | 74 | 12 | 39.0 | 7.0 | 170.0 | | | 21.0 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 74 | 16 | 41.0 | 7.0 | 170.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 75 | 28 | 44.2 | 7.0 | 170.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-36 | 74 | 10 | 40.8 | 7.0 | 170.0 | | | 20.4 | 12.9 | 12.6 |
| SL3-81 | | F-36 | 75 | 14 | 41.3 | 7.0 | 170.0 | | | 20.5 | 12.9 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100142-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-81 | | F-36 | 75 | 26 | 47.2 | 7.0 | 170.0 | | | 20.4 | 12.9 | 12.6 |
| SL3-84 | | F-12 | 72 | 11 | 34.3 | 7.0 | 170.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 72 | 16 | 35.2 | 7.0 | 170.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 73 | 31 | 36.0 | 7.0 | 170.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-18 | 73 | 13 | 36.3 | 7.0 | 170.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 18 | 37.6 | 7.0 | 170.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 32 | 40.7 | 7.0 | 170.0 | | | 21.4 | 14.0 | 12.6 |
| SL3-84 | | F-24 | 74 | 13 | 37.5 | 7.0 | 170.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 18 | 39.1 | 7.0 | 170.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 30 | 43.2 | 7.0 | 170.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-84 | | F-30 | 74 | 12 | 39.9 | 6.0 | 170.0 | | | 20.6 | 13.0 | 12.6 |
| SL3-84 | | F-30 | 75 | 16 | 40.0 | 6.0 | 170.0 | | | 20.5 | 13.0 | 12.6 |
| SL3-84 | | F-30 | 75 | 28 | 45.0 | 6.0 | 170.0 | | | 20.7 | 13.1 | 12.6 |
| SL3-84 | | F-36 | 75 | 10 | 39.6 | 6.0 | 170.0 | | | 20.3 | 12.6 | 12.6 |
| SL3-84 | | F-36 | 75 | 14 | 42.0 | 6.0 | 170.0 | | | 20.3 | 12.6 | 12.6 |
| SL3-84 | | F-36 | 76 | 26 | 46.1 | 6.0 | 170.0 | | | 20.3 | 12.6 | 12.6 |
| SL3-87 | | F-12 | 73 | 11 | 33.6 | 7.0 | 170.0 | | | 21.7 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 16 | 34.5 | 7.0 | 170.0 | | | 21.7 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 31 | 36.9 | 7.0 | 170.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-87 | | F-18 | 74 | 13 | 35.5 | 7.0 | 170.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 18 | 36.7 | 7.0 | 170.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 32 | 39.9 | 7.0 | 170.0 | | | 21.3 | 13.5 | 12.6 |
| SL3-87 | | F-24 | 74 | 13 | 38.4 | 7.0 | 170.0 | | | 20.7 | 13.0 | 12.6 |
| SL3-87 | | F-24 | 74 | 18 | 40.0 | 7.0 | 170.0 | | | 20.6 | 13.0 | 12.6 |
| SL3-87 | | F-24 | 75 | 30 | 42.2 | 7.0 | 170.0 | | | 20.8 | 13.0 | 12.6 |
| SL3-87 | | F-30 | 75 | 12 | 38.8 | 6.5 | 170.0 | | | 20.4 | 12.6 | 12.6 |
| SL3-87 | | F-30 | 75 | 16 | 40.8 | 6.5 | 170.0 | | | 20.5 | 12.6 | 12.6 |
| SL3-87 | | F-30 | 76 | 28 | 43.9 | 6.5 | 170.0 | | | 20.2 | 12.6 | 12.6 |
| SL3-87 | | F-36 | 75 | 10 | 40.4 | 4.5 | 170.0 | | | 19.9 | 12.2 | 12.2 |
| SL3-87 | | F-36 | 76 | 14 | 40.8 | 4.5 | 170.0 | | | 19.9 | 12.2 | 12.2 |
| SL3-87 | | F-36 | 76 | 26 | 46.8 | 4.5 | 170.0 | | | 20.0 | 12.2 | 12.2 |
| SL3-90 | | F-12 | 73 | 11 | 34.5 | 7.0 | 170.0 | | | 21.1 | 13.5 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100142-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-90 | | F-12 | 73 | 16 | 35.4 | 7.0 | 170.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-90 | | F-12 | 74 | 31 | 36.1 | 7.0 | 170.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-90 | | F-18 | 74 | 13 | 36.3 | 7.0 | 170.0 | | | 20.9 | 13.1 | 12.6 |
| SL3-90 | | F-18 | 74 | 18 | 37.5 | 7.0 | 170.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-90 | | F-18 | 74 | 32 | 40.7 | 7.0 | 170.0 | | | 20.7 | 13.1 | 12.6 |
| SL3-90 | | F-24 | 75 | 13 | 37.3 | 5.5 | 170.0 | | | 20.2 | 12.7 | 12.6 |
| SL3-90 | | F-24 | 75 | 18 | 38.9 | 5.5 | 170.0 | | | 20.3 | 12.7 | 12.6 |
| SL3-90 | | F-24 | 75 | 30 | 43.0 | 5.5 | 170.0 | | | 20.5 | 12.7 | 12.6 |
| SL3-90 | | F-30 | 75 | 12 | 39.5 | 4.0 | 170.0 | | | 20.0 | 12.3 | 12.3 |
| SL3-90 | | F-30 | 75 | 16 | 41.5 | 4.0 | 170.0 | | | 20.0 | 12.3 | 12.3 |
| SL3-90 | | F-30 | 76 | 28 | 44.6 | 4.0 | 170.0 | | | 20.1 | 12.3 | 12.3 |
| SL3-93 | | F-12 | 74 | 11 | 33.6 | 6.5 | 170.0 | | | 20.9 | 13.1 | 12.6 |
| SL3-93 | | F-12 | 74 | 16 | 34.6 | 6.5 | 170.0 | | | 21.0 | 13.1 | 12.6 |
| SL3-93 | | F-12 | 74 | 31 | 37.0 | 6.5 | 170.0 | | | 20.9 | 13.1 | 12.6 |
| SL3-93 | | F-18 | 74 | 13 | 37.1 | 4.5 | 170.0 | | | 20.3 | 12.7 | 12.6 |
| SL3-93 | | F-18 | 75 | 18 | 36.5 | 4.5 | 170.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-93 | | F-18 | 75 | 32 | 39.7 | 4.5 | 170.0 | | | 20.6 | 12.7 | 12.6 |
| SL3-96 | | F-12 | 74 | 11 | 34.4 | 5.0 | 170.0 | | | 20.5 | 12.7 | 12.6 |
| SL3-96 | | F-12 | 74 | 16 | 35.4 | 5.0 | 170.0 | | | 20.5 | 12.7 | 12.6 |
| SL3-96 | | F-12 | 74 | 31 | 37.8 | 5.0 | 170.0 | | | 20.4 | 12.7 | 12.6 |
| SL3-96 | | F-18 | 75 | 13 | 36.0 | 4.0 | 170.0 | | | 20.3 | 12.3 | 12.3 |
| SL3-96 | | F-18 | 75 | 18 | 37.3 | 4.0 | 170.0 | | | 20.3 | 12.3 | 12.3 |
| SL3-96 | | F-18 | 75 | 32 | 40.5 | 4.0 | 170.0 | | | 20.2 | 12.3 | 12.3 |
| SL3-99 | | F-12 | 75 | 11 | 33.4 | 4.0 | 170.0 | | | 20.3 | 12.3 | 12.3 |
| SL3-99 | | F-12 | 75 | 16 | 34.4 | 4.0 | 170.0 | | | 20.4 | 12.3 | 12.3 |
| SL3-99 | | F-12 | 75 | 31 | 36.8 | 4.0 | 170.0 | | | 20.4 | 12.3 | 12.3 |

30 SL3F - operation



Note

- ▶ Turntable ballast: 150t
- ▶ The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100143-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-72 | | F-12 | 71 | 11 | 32.0 | 7.0 | 150.0 | | | 23.1 | 16.7 | 12.6 |
| SL3-72 | | F-12 | 71 | 16 | 32.9 | 7.0 | 150.0 | | | 23.2 | 16.7 | 12.6 |
| SL3-72 | | F-12 | 71 | 31 | 35.2 | 7.0 | 150.0 | | | 23.4 | 16.7 | 12.6 |
| SL3-72 | | F-18 | 71 | 13 | 35.7 | 7.0 | 150.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 18 | 37.0 | 7.0 | 150.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 32 | 40.0 | 7.0 | 150.0 | | | 22.9 | 16.0 | 12.6 |
| SL3-72 | | F-24 | 72 | 13 | 37.4 | 7.0 | 150.0 | | | 22.5 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 72 | 18 | 38.9 | 7.0 | 150.0 | | | 22.6 | 15.4 | 12.6 |
| SL3-72 | | F-24 | 72 | 30 | 42.8 | 7.0 | 150.0 | | | 22.4 | 15.4 | 12.6 |
| SL3-72 | | F-30 | 73 | 12 | 38.2 | 7.0 | 150.0 | | | 21.8 | 14.7 | 12.6 |
| SL3-72 | | F-30 | 73 | 16 | 40.2 | 7.0 | 150.0 | | | 22.0 | 14.7 | 12.6 |
| SL3-72 | | F-30 | 73 | 28 | 45.1 | 7.0 | 150.0 | | | 21.9 | 14.8 | 12.6 |
| SL3-72 | | F-36 | 73 | 10 | 40.1 | 7.0 | 150.0 | | | 21.5 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 14 | 40.7 | 7.0 | 150.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 26 | 46.6 | 7.0 | 150.0 | | | 21.4 | 14.2 | 12.6 |
| SL3-75 | | F-12 | 71 | 11 | 33.0 | 7.0 | 150.0 | | | 23.3 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 16 | 33.9 | 7.0 | 150.0 | | | 23.3 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 31 | 36.2 | 7.0 | 150.0 | | | 23.2 | 16.0 | 12.6 |
| SL3-75 | | F-18 | 72 | 13 | 35.2 | 7.0 | 150.0 | | | 22.6 | 15.4 | 12.6 |
| SL3-75 | | F-18 | 72 | 18 | 36.4 | 7.0 | 150.0 | | | 22.7 | 15.4 | 12.6 |
| SL3-75 | | F-18 | 72 | 32 | 39.5 | 7.0 | 150.0 | | | 22.7 | 15.4 | 12.6 |
| SL3-75 | | F-24 | 72 | 13 | 38.3 | 7.0 | 150.0 | | | 22.0 | 14.8 | 12.6 |
| SL3-75 | | F-24 | 73 | 18 | 38.3 | 7.0 | 150.0 | | | 22.1 | 14.8 | 12.6 |
| SL3-75 | | F-24 | 73 | 30 | 42.2 | 7.0 | 150.0 | | | 22.2 | 14.8 | 12.6 |
| SL3-75 | | F-30 | 73 | 12 | 39.1 | 7.0 | 150.0 | | | 21.7 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 73 | 16 | 41.1 | 7.0 | 150.0 | | | 21.5 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 74 | 28 | 44.3 | 7.0 | 150.0 | | | 21.7 | 14.2 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100143-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-75 | | F-36 | 74 | 10 | 39.1 | 6.5 | 150.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 74 | 14 | 41.5 | 6.5 | 150.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 75 | 26 | 45.7 | 6.5 | 150.0 | | | 21.3 | 13.7 | 12.6 |
| SL3-78 | | F-12 | 71 | 11 | 33.9 | 7.0 | 150.0 | | | 22.8 | 15.6 | 12.6 |
| SL3-78 | | F-12 | 71 | 16 | 34.9 | 7.0 | 150.0 | | | 22.7 | 15.6 | 12.6 |
| SL3-78 | | F-12 | 71 | 31 | 37.2 | 7.0 | 150.0 | | | 22.6 | 15.6 | 12.6 |
| SL3-78 | | F-18 | 72 | 13 | 36.1 | 7.0 | 150.0 | | | 22.2 | 15.0 | 12.6 |
| SL3-78 | | F-18 | 72 | 18 | 37.4 | 7.0 | 150.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-78 | | F-18 | 72 | 32 | 40.4 | 7.0 | 150.0 | | | 22.2 | 15.0 | 12.6 |
| SL3-78 | | F-24 | 73 | 13 | 37.6 | 7.0 | 150.0 | | | 21.5 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 18 | 39.1 | 7.0 | 150.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 30 | 43.1 | 7.0 | 150.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-78 | | F-30 | 73 | 12 | 40.0 | 7.0 | 150.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 16 | 40.2 | 7.0 | 150.0 | | | 21.1 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 28 | 45.1 | 7.0 | 150.0 | | | 21.3 | 13.9 | 12.6 |
| SL3-78 | | F-36 | 74 | 10 | 40.0 | 5.5 | 150.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 74 | 14 | 42.3 | 5.5 | 150.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 75 | 26 | 46.5 | 5.5 | 150.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-12 | 72 | 11 | 33.4 | 7.0 | 150.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-81 | | F-12 | 72 | 16 | 34.3 | 7.0 | 150.0 | | | 22.3 | 15.0 | 12.6 |
| SL3-81 | | F-12 | 72 | 31 | 36.6 | 7.0 | 150.0 | | | 22.4 | 15.0 | 12.6 |
| SL3-81 | | F-18 | 72 | 13 | 37.1 | 7.0 | 150.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-81 | | F-18 | 73 | 18 | 36.7 | 7.0 | 150.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-81 | | F-18 | 73 | 32 | 39.8 | 7.0 | 150.0 | | | 21.9 | 14.4 | 12.6 |
| SL3-81 | | F-24 | 73 | 13 | 38.4 | 7.0 | 150.0 | | | 21.3 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 73 | 18 | 40.0 | 7.0 | 150.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 74 | 30 | 42.3 | 7.0 | 150.0 | | | 21.4 | 13.9 | 12.6 |
| SL3-81 | | F-30 | 74 | 12 | 39.0 | 5.0 | 150.0 | | | 21.0 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 74 | 16 | 41.0 | 5.0 | 150.0 | | | 21.0 | 13.4 | 12.6 |
| SL3-81 | | F-30 | 75 | 28 | 44.2 | 5.0 | 150.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-81 | | F-36 | 74 | 10 | 40.8 | 4.5 | 150.0 | | | 20.4 | 13.0 | 12.6 |
| SL3-81 | | F-36 | 75 | 14 | 41.3 | 4.5 | 150.0 | | | 20.5 | 13.0 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100143-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-81 | | F-36 | 75 | 26 | 47.2 | 4.5 | 150.0 | | | 20.4 | 13.0 | 12.6 |
| SL3-84 | | F-12 | 72 | 11 | 34.3 | 7.0 | 150.0 | | | 21.9 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 72 | 16 | 35.2 | 7.0 | 150.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 73 | 31 | 36.0 | 7.0 | 150.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-18 | 73 | 13 | 36.3 | 7.0 | 150.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 18 | 37.6 | 7.0 | 150.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 32 | 40.7 | 7.0 | 150.0 | | | 21.4 | 14.0 | 12.6 |
| SL3-84 | | F-24 | 74 | 13 | 37.5 | 5.5 | 150.0 | | | 20.9 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 18 | 39.1 | 5.5 | 150.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-84 | | F-24 | 74 | 30 | 43.2 | 5.5 | 150.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-84 | | F-30 | 74 | 12 | 39.9 | 4.0 | 150.0 | | | 20.6 | 13.1 | 12.6 |
| SL3-84 | | F-30 | 74 | 16 | 41.9 | 4.0 | 150.0 | | | 20.5 | 13.1 | 12.6 |
| SL3-84 | | F-30 | 75 | 28 | 45.0 | 4.0 | 150.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-87 | | F-12 | 73 | 11 | 33.6 | 6.0 | 150.0 | | | 21.7 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 16 | 34.5 | 6.0 | 150.0 | | | 21.7 | 14.0 | 12.6 |
| SL3-87 | | F-12 | 73 | 31 | 36.9 | 6.0 | 150.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-87 | | F-18 | 74 | 13 | 35.5 | 5.0 | 150.0 | | | 21.0 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 18 | 36.7 | 5.0 | 150.0 | | | 21.1 | 13.5 | 12.6 |
| SL3-87 | | F-18 | 74 | 32 | 39.9 | 5.0 | 150.0 | | | 21.3 | 13.5 | 12.6 |
| SL3-87 | | F-24 | 74 | 13 | 38.4 | 4.0 | 150.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-87 | | F-24 | 74 | 18 | 40.0 | 4.0 | 150.0 | | | 20.7 | 13.1 | 12.6 |
| SL3-87 | | F-24 | 75 | 30 | 42.2 | 4.0 | 150.0 | | | 20.8 | 13.1 | 12.6 |
| SL3-90 | | F-12 | 73 | 11 | 34.5 | 4.0 | 150.0 | | | 21.1 | 13.6 | 12.6 |
| SL3-90 | | F-12 | 73 | 16 | 35.4 | 4.0 | 150.0 | | | 21.1 | 13.6 | 12.6 |
| SL3-90 | | F-12 | 74 | 31 | 36.1 | 4.0 | 150.0 | | | 21.0 | 13.6 | 12.6 |

31 SL3F - operation



Note

- Turntable ballast: 130t
- The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100144-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-72 | | F-12 | 71 | 11 | 32.0 | 7.0 | 130.0 | | | 23.1 | 16.6 | 12.6 |
| SL3-72 | | F-12 | 71 | 16 | 32.9 | 7.0 | 130.0 | | | 23.2 | 16.6 | 12.6 |
| SL3-72 | | F-12 | 71 | 31 | 35.2 | 7.0 | 130.0 | | | 23.4 | 16.6 | 12.6 |
| SL3-72 | | F-18 | 71 | 13 | 35.7 | 7.0 | 130.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 18 | 37.0 | 7.0 | 130.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 32 | 40.0 | 7.0 | 130.0 | | | 22.9 | 16.0 | 12.6 |
| SL3-72 | | F-24 | 72 | 13 | 37.4 | 7.0 | 130.0 | | | 22.5 | 15.3 | 12.6 |
| SL3-72 | | F-24 | 72 | 18 | 38.9 | 7.0 | 130.0 | | | 22.6 | 15.3 | 12.6 |
| SL3-72 | | F-24 | 72 | 30 | 42.8 | 7.0 | 130.0 | | | 22.3 | 15.3 | 12.6 |
| SL3-72 | | F-30 | 73 | 12 | 38.2 | 7.0 | 130.0 | | | 21.8 | 14.7 | 12.6 |
| SL3-72 | | F-30 | 73 | 16 | 40.2 | 7.0 | 130.0 | | | 22.0 | 14.7 | 12.6 |
| SL3-72 | | F-30 | 74 | 28 | 43.5 | 7.0 | 130.0 | | | 21.8 | 14.7 | 12.6 |
| SL3-72 | | F-36 | 73 | 10 | 40.1 | 6.0 | 130.0 | | | 21.4 | 14.1 | 12.6 |
| SL3-72 | | F-36 | 74 | 14 | 40.7 | 6.0 | 130.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-72 | | F-36 | 74 | 26 | 46.6 | 6.0 | 130.0 | | | 21.3 | 14.2 | 12.6 |
| SL3-75 | | F-12 | 71 | 11 | 33.0 | 7.0 | 130.0 | | | 23.3 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 16 | 33.9 | 7.0 | 130.0 | | | 23.3 | 15.9 | 12.6 |
| SL3-75 | | F-12 | 71 | 31 | 36.2 | 7.0 | 130.0 | | | 23.1 | 15.9 | 12.6 |
| SL3-75 | | F-18 | 72 | 13 | 35.2 | 7.0 | 130.0 | | | 22.6 | 15.3 | 12.6 |
| SL3-75 | | F-18 | 72 | 18 | 36.4 | 7.0 | 130.0 | | | 22.7 | 15.3 | 12.6 |
| SL3-75 | | F-18 | 72 | 32 | 39.5 | 7.0 | 130.0 | | | 22.6 | 15.3 | 12.6 |
| SL3-75 | | F-24 | 73 | 13 | 36.7 | 6.6 | 130.0 | | | 21.9 | 14.7 | 12.6 |
| SL3-75 | | F-24 | 73 | 18 | 38.3 | 6.6 | 130.0 | | | 22.1 | 14.7 | 12.6 |
| SL3-75 | | F-24 | 73 | 30 | 42.2 | 6.6 | 130.0 | | | 22.1 | 14.8 | 12.6 |
| SL3-75 | | F-30 | 73 | 12 | 39.1 | 5.0 | 130.0 | | | 21.6 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 73 | 16 | 41.1 | 5.0 | 130.0 | | | 21.5 | 14.2 | 12.6 |
| SL3-75 | | F-30 | 74 | 28 | 44.3 | 5.0 | 130.0 | | | 21.7 | 14.3 | 12.6 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100144-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-75 | | F-36 | 74 | 10 | 39.1 | 4.0 | 130.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 74 | 14 | 41.5 | 4.0 | 130.0 | | | 21.2 | 13.7 | 12.6 |
| SL3-75 | | F-36 | 75 | 26 | 45.7 | 4.0 | 130.0 | | | 21.3 | 13.7 | 12.6 |
| SL3-78 | | F-12 | 71 | 11 | 33.9 | 7.0 | 130.0 | | | 22.7 | 15.5 | 12.6 |
| SL3-78 | | F-12 | 71 | 16 | 34.9 | 7.0 | 130.0 | | | 22.7 | 15.5 | 12.6 |
| SL3-78 | | F-12 | 71 | 31 | 37.2 | 7.0 | 130.0 | | | 22.6 | 15.5 | 12.6 |
| SL3-78 | | F-18 | 72 | 13 | 36.1 | 7.0 | 130.0 | | | 22.2 | 14.9 | 12.6 |
| SL3-78 | | F-18 | 72 | 18 | 37.4 | 7.0 | 130.0 | | | 22.3 | 14.9 | 12.6 |
| SL3-78 | | F-18 | 72 | 32 | 40.4 | 7.0 | 130.0 | | | 22.1 | 14.9 | 12.6 |
| SL3-78 | | F-24 | 73 | 13 | 37.6 | 6.0 | 130.0 | | | 21.5 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 18 | 39.1 | 6.0 | 130.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-78 | | F-24 | 73 | 30 | 43.1 | 6.0 | 130.0 | | | 21.6 | 14.4 | 12.6 |
| SL3-78 | | F-30 | 73 | 12 | 40.0 | 4.5 | 130.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 16 | 40.2 | 4.5 | 130.0 | | | 21.1 | 13.9 | 12.6 |
| SL3-78 | | F-30 | 74 | 28 | 45.1 | 4.5 | 130.0 | | | 21.3 | 13.9 | 12.6 |
| SL3-78 | | F-36 | 74 | 10 | 40.0 | 4.0 | 130.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 74 | 14 | 42.3 | 4.0 | 130.0 | | | 20.8 | 13.4 | 12.6 |
| SL3-78 | | F-36 | 75 | 26 | 46.5 | 4.0 | 130.0 | | | 20.9 | 13.4 | 12.6 |
| SL3-81 | | F-12 | 72 | 11 | 33.4 | 7.0 | 130.0 | | | 22.3 | 14.9 | 12.6 |
| SL3-81 | | F-12 | 72 | 16 | 34.3 | 7.0 | 130.0 | | | 22.3 | 14.9 | 12.6 |
| SL3-81 | | F-12 | 72 | 31 | 36.6 | 7.0 | 130.0 | | | 22.3 | 14.9 | 12.6 |
| SL3-81 | | F-18 | 73 | 13 | 35.4 | 5.5 | 130.0 | | | 21.6 | 14.4 | 12.6 |
| SL3-81 | | F-18 | 73 | 18 | 36.7 | 5.5 | 130.0 | | | 21.7 | 14.4 | 12.6 |
| SL3-81 | | F-18 | 73 | 32 | 39.8 | 5.5 | 130.0 | | | 21.9 | 14.4 | 12.6 |
| SL3-81 | | F-24 | 73 | 13 | 38.4 | 4.0 | 130.0 | | | 21.3 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 73 | 18 | 40.0 | 4.0 | 130.0 | | | 21.2 | 13.9 | 12.6 |
| SL3-81 | | F-24 | 74 | 30 | 42.3 | 4.0 | 130.0 | | | 21.4 | 14.0 | 12.6 |
| SL3-84 | | F-12 | 72 | 11 | 34.3 | 4.5 | 130.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 72 | 16 | 35.2 | 4.5 | 130.0 | | | 21.8 | 14.5 | 12.6 |
| SL3-84 | | F-12 | 73 | 31 | 36.0 | 4.5 | 130.0 | | | 21.8 | 14.5 | 12.6 |

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100144-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-84 | | F-18 | 73 | 13 | 36.3 | 3.0 | 130.0 | | | 21.6 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 18 | 37.6 | 3.0 | 130.0 | | | 21.5 | 14.0 | 12.6 |
| SL3-84 | | F-18 | 73 | 32 | 40.7 | 3.0 | 130.0 | | | 21.4 | 14.0 | 12.6 |

32 SL3F - operation



Note

- ▶ Turntable ballast: 110t
- ▶ The auxiliary angle (WHI) is the intermediate angle between the main boom and the fixed jib.
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100145-00 | | |
|-------------------------|-----|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL3-72 | | F-12 | 71 | 11 | 32.0 | 6.0 | 110.0 | | | 23.1 | 16.6 | 12.6 |
| SL3-72 | | F-12 | 71 | 16 | 32.9 | 6.0 | 110.0 | | | 23.2 | 16.6 | 12.6 |
| SL3-72 | | F-12 | 71 | 31 | 35.2 | 6.0 | 110.0 | | | 23.4 | 16.6 | 12.6 |
| SL3-72 | | F-18 | 71 | 13 | 35.7 | 4.0 | 110.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 18 | 37.0 | 4.0 | 110.0 | | | 23.1 | 16.0 | 12.6 |
| SL3-72 | | F-18 | 71 | 32 | 40.0 | 4.0 | 110.0 | | | 22.9 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 11 | 33.0 | 4.0 | 110.0 | | | 23.3 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 16 | 33.9 | 4.0 | 110.0 | | | 23.2 | 16.0 | 12.6 |
| SL3-75 | | F-12 | 71 | 31 | 36.2 | 4.0 | 110.0 | | | 23.1 | 16.0 | 12.6 |

33 SD/SDB - system



Note

- SD/SDB - system
- 0t Derrick ballast
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100146-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| S-36 | D-30 | | 50 | | 26.1 | 16.0 | 150.0 | | 13 | 28.4 | 28.4 | 12.6 |
| S-42 | D-36 | | 55 | | 27.1 | 16.0 | 150.0 | | 13 | 27.7 | 27.6 | 12.6 |
| S-48 | D-36 | | 58 | | 28.5 | 16.0 | 150.0 | | 13 | 27.7 | 24.6 | 12.6 |
| S-54 | D-36 | | 61 | | 29.3 | 16.0 | 150.0 | | 13 | 27.3 | 22.1 | 12.6 |
| S-60 | D-36 | | 64 | | 29.5 | 16.0 | 150.0 | | 13 | 26.4 | 20.4 | 12.6 |
| S-66 | D-36 | | 66 | | 30.0 | 16.0 | 150.0 | | 13 | 25.2 | 18.8 | 12.6 |
| S-72 | D-36 | | 68 | | 30.2 | 16.0 | 150.0 | | 13 | 24.0 | 17.5 | 12.6 |
| S-78 | D-36 | | 70 | | 29.9 | 16.0 | 150.0 | | 13 | 23.2 | 16.3 | 12.6 |
| S-84 | D-36 | | 73 | | 27.8 | 16.0 | 150.0 | | 13 | 23.5 | 15.4 | 12.6 |
| S-90 | D-36 | | 74 | | 28.1 | 16.0 | 150.0 | | 13 | 22.7 | 14.5 | 12.6 |
| S-96 | D-36 | | 75 | | 28.1 | 16.0 | 150.0 | | 13 | 22.1 | 13.7 | 12.6 |
| S-102 | D-36 | | 76 | | 28.0 | 16.0 | 150.0 | | 13 | 21.5 | 12.9 | 12.6 |
| S-108 | D-36 | | 77 | | 27.6 | 16.0 | 150.0 | | 13 | 20.5 | 12.3 | 12.3 |
| S-114 | D-36 | | 77 | | 29.0 | 16.0 | 150.0 | | 13 | 20.1 | 11.7 | 11.7 |
| S-120 | D-36 | | 78 | | 28.3 | 16.0 | 150.0 | | 13 | 19.5 | 11.2 | 11.2 |
| S-126 | D-36 | | 78 | | 29.5 | 11.0 | 150.0 | | 13 | 18.9 | 10.6 | 10.6 |
| S-132 | D-36 | | 79 | | 28.5 | 7.0 | 150.0 | | 13 | 18.5 | 10.2 | 10.2 |
| S-138 | D-36 | | 79 | | 29.7 | 5.0 | 150.0 | | 13 | 18.1 | 9.8 | 9.8 |

34 SLD/SLDB - system



Note

- ▶ SLD/SLDB - system
- ▶ 0t Derrick ballast
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100147-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL-54 | D-36 | | 55 | | 34.0 | 11.0 | 150.0 | | 13 | 25.7 | 22.5 | 12.6 |
| SL-60 | D-36 | | 59 | | 34.0 | 11.0 | 150.0 | | 13 | 24.9 | 20.7 | 12.6 |
| SL-66 | D-36 | | 62 | | 34.1 | 11.0 | 150.0 | | 13 | 23.9 | 19.1 | 12.6 |
| SL-72 | D-36 | | 65 | | 33.6 | 11.0 | 150.0 | | 13 | 23.3 | 17.8 | 12.6 |
| SL-78 | D-36 | | 66 | | 34.9 | 11.0 | 150.0 | | 13 | 22.4 | 16.8 | 12.6 |
| SL-84 | D-36 | | 68 | | 34.7 | 11.0 | 150.0 | | 13 | 21.8 | 15.7 | 12.6 |
| SL-90 | D-36 | | 71 | | 32.6 | 11.0 | 150.0 | | 13 | 21.6 | 14.7 | 12.6 |
| SL-96 | D-36 | | 73 | | 31.3 | 11.0 | 150.0 | | 13 | 21.4 | 13.8 | 12.6 |
| SL-102 | D-36 | | 74 | | 31.4 | 11.0 | 150.0 | | 13 | 21.0 | 13.2 | 12.6 |
| SL-108 | D-36 | | 75 | | 31.2 | 11.0 | 150.0 | | 13 | 20.2 | 12.6 | 12.6 |
| SL-114 | D-36 | | 76 | | 30.9 | 11.0 | 150.0 | | 13 | 19.9 | 12.0 | 12.0 |
| SL-120 | D-36 | | 77 | | 30.3 | 11.0 | 150.0 | | 13 | 19.2 | 11.5 | 11.5 |
| SL-126 | D-36 | | 77 | | 31.7 | 11.0 | 150.0 | | 13 | 18.8 | 11.0 | 11.0 |
| SL-132 | D-36 | | 78 | | 30.8 | 11.0 | 150.0 | | 13 | 18.3 | 10.5 | 10.5 |
| SL-138 | D-36 | | 78 | | 32.0 | 11.0 | 150.0 | | 13 | 18.0 | 10.1 | 10.1 |

35 SL2D/SL2DB - system



Note

- ▶ SL2D/SL2DB - system
- ▶ 0t Derrick ballast
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100148-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-72 | D-36 | | 65 | | 33.6 | 11.0 | 150.0 | | 13 | 23.3 | 17.8 | 12.6 |
| SL2-78 | D-36 | | 67 | | 33.7 | 11.0 | 150.0 | | 13 | 22.5 | 16.6 | 12.6 |
| SL2-84 | D-36 | | 69 | | 33.3 | 11.0 | 150.0 | | 13 | 21.9 | 15.5 | 12.6 |
| SL2-90 | D-36 | | 73 | | 29.6 | 11.0 | 150.0 | | 13 | 22.4 | 14.6 | 12.6 |
| SL2-96 | D-36 | | 74 | | 29.7 | 11.0 | 150.0 | | 13 | 21.6 | 13.7 | 12.6 |
| SL2-102 | D-36 | | 75 | | 29.7 | 11.0 | 150.0 | | 13 | 21.1 | 13.1 | 12.6 |
| SL2-108 | D-36 | | 76 | | 29.4 | 11.0 | 150.0 | | 13 | 20.7 | 12.4 | 12.4 |
| SL2-114 | D-36 | | 76 | | 30.9 | 11.0 | 150.0 | | 13 | 19.7 | 11.9 | 11.9 |
| SL2-120 | D-36 | | 77 | | 30.3 | 11.0 | 150.0 | | 13 | 19.5 | 11.4 | 11.4 |
| SL2-126 | D-36 | | 77 | | 31.7 | 11.0 | 150.0 | | 13 | 18.7 | 10.9 | 10.9 |
| SL2-132 | D-36 | | 78 | | 30.8 | 11.0 | 150.0 | | 13 | 18.5 | 10.5 | 10.5 |
| SL2-138 | D-36 | | 78 | | 32.0 | 11.0 | 150.0 | | 13 | 17.9 | 10.1 | 10.1 |

36 SL2D/SL2DB - system



Note

- ▶ SL2D/SL2DB - system
- ▶ 0t Derrick ballast
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100247-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-75 | D-36 | | 67 | | 33.7 | 11.0 | 150.0 | | 13 | 22.5 | 16.6 | 12.6 |
| SL2-81 | D-36 | | 69 | | 33.3 | 11.0 | 150.0 | | 13 | 21.9 | 15.5 | 12.6 |
| SL2-87 | D-36 | | 73 | | 29.6 | 11.0 | 150.0 | | 13 | 22.4 | 14.6 | 12.6 |
| SL2-93 | D-36 | | 74 | | 29.7 | 11.0 | 150.0 | | 13 | 21.6 | 13.7 | 12.6 |
| SL2-99 | D-36 | | 75 | | 29.7 | 11.0 | 150.0 | | 13 | 21.1 | 13.1 | 12.6 |
| SL2-105 | D-36 | | 76 | | 29.4 | 11.0 | 150.0 | | 13 | 20.7 | 12.4 | 12.4 |
| SL2-111 | D-36 | | 76 | | 30.9 | 11.0 | 150.0 | | 13 | 19.7 | 11.9 | 11.9 |
| SL2-117 | D-36 | | 77 | | 30.3 | 11.0 | 150.0 | | 13 | 19.5 | 11.4 | 11.4 |
| SL2-123 | D-36 | | 77 | | 31.7 | 11.0 | 150.0 | | 13 | 18.7 | 10.9 | 10.9 |
| SL2-129 | D-36 | | 78 | | 30.8 | 11.0 | 150.0 | | 13 | 18.5 | 10.5 | 10.5 |
| SL2-135 | D-36 | | 78 | | 32.0 | 11.0 | 150.0 | | 13 | 17.9 | 10.1 | 10.1 |

37 SL2DF/SL2DFB - system



Note

- ▶ SL2DF/SL2DFB - system
- ▶ 0t Derrick ballast
- ▶ Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100149-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-72 | D-36 | F-12 | 66 | 11 | 38.7 | 7.0 | 150.0 | | 13 | 21.3 | 16.2 | 12.6 |
| SL2-72 | D-36 | F-12 | 66 | 16 | 39.6 | 7.0 | 150.0 | | 13 | 21.4 | 16.2 | 12.6 |
| SL2-72 | D-36 | F-12 | 66 | 31 | 41.7 | 7.0 | 150.0 | | 13 | 21.2 | 16.2 | 12.6 |
| SL2-72 | D-36 | F-18 | 67 | 13 | 41.5 | 7.0 | 150.0 | | 13 | 20.9 | 15.7 | 12.6 |
| SL2-72 | D-36 | F-18 | 67 | 18 | 42.6 | 7.0 | 150.0 | | 13 | 20.7 | 15.7 | 12.6 |
| SL2-72 | D-36 | F-18 | 66 | 32 | 46.8 | 7.0 | 150.0 | | 13 | 20.5 | 15.7 | 12.6 |
| SL2-72 | D-36 | F-24 | 67 | 13 | 45.0 | 7.0 | 150.0 | | 13 | 20.2 | 15.2 | 12.6 |
| SL2-72 | D-36 | F-24 | 67 | 18 | 46.5 | 7.0 | 150.0 | | 13 | 20.1 | 15.2 | 12.6 |
| SL2-72 | D-36 | F-24 | 68 | 30 | 48.6 | 7.0 | 150.0 | | 13 | 20.1 | 15.2 | 12.6 |
| SL2-72 | D-36 | F-30 | 68 | 12 | 46.4 | 7.0 | 150.0 | | 13 | 19.8 | 14.7 | 12.6 |
| SL2-72 | D-36 | F-30 | 68 | 16 | 48.3 | 7.0 | 150.0 | | 13 | 19.7 | 14.7 | 12.6 |
| SL2-72 | D-36 | F-30 | 74 | 28 | 43.5 | 7.0 | 150.0 | | 13 | 19.7 | 14.7 | 12.6 |
| SL2-72 | D-36 | F-36 | 69 | 10 | 47.0 | 7.0 | 150.0 | | 13 | 19.4 | 14.2 | 12.6 |
| SL2-72 | D-36 | F-36 | 70 | 14 | 47.6 | 7.0 | 150.0 | | 13 | 19.5 | 14.2 | 12.6 |
| SL2-72 | D-36 | F-36 | 71 | 26 | 51.6 | 7.0 | 150.0 | | 13 | 19.5 | 14.2 | 12.6 |
| SL2-78 | D-36 | F-12 | 68 | 11 | 38.3 | 7.0 | 150.0 | | 13 | 20.7 | 15.2 | 12.6 |
| SL2-78 | D-36 | F-12 | 68 | 16 | 39.2 | 7.0 | 150.0 | | 13 | 20.8 | 15.2 | 12.6 |
| SL2-78 | D-36 | F-12 | 68 | 31 | 41.4 | 7.0 | 150.0 | | 13 | 20.6 | 15.2 | 12.6 |
| SL2-78 | D-36 | F-18 | 69 | 13 | 40.8 | 7.0 | 150.0 | | 13 | 20.3 | 14.7 | 12.6 |
| SL2-78 | D-36 | F-18 | 68 | 18 | 43.5 | 7.0 | 150.0 | | 13 | 20.1 | 14.7 | 12.6 |
| SL2-78 | D-36 | F-18 | 68 | 32 | 46.3 | 7.0 | 150.0 | | 13 | 20.0 | 14.7 | 12.6 |
| SL2-78 | D-36 | F-24 | 70 | 13 | 42.5 | 7.0 | 150.0 | | 13 | 20.1 | 14.3 | 12.6 |
| SL2-78 | D-36 | F-24 | 70 | 18 | 44.0 | 7.0 | 150.0 | | 13 | 20.1 | 14.3 | 12.6 |
| SL2-78 | D-36 | F-24 | 70 | 30 | 47.8 | 7.0 | 150.0 | | 13 | 20.0 | 14.3 | 12.6 |
| SL2-78 | D-36 | F-30 | 72 | 12 | 41.7 | 7.0 | 150.0 | | 13 | 20.0 | 13.8 | 12.6 |
| SL2-78 | D-36 | F-30 | 71 | 16 | 45.4 | 7.0 | 150.0 | | 13 | 19.8 | 13.8 | 12.6 |
| SL2-78 | D-36 | F-30 | 72 | 28 | 48.5 | 7.0 | 150.0 | | 13 | 20.0 | 13.8 | 12.6 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100149-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-78 | D-36 | F-36 | 72 | 10 | 43.7 | 7.0 | 150.0 | | 13 | 19.7 | 13.4 | 12.6 |
| SL2-78 | D-36 | F-36 | 73 | 14 | 44.2 | 7.0 | 150.0 | | 13 | 19.7 | 13.4 | 12.6 |
| SL2-78 | D-36 | F-36 | 73 | 26 | 50.0 | 7.0 | 150.0 | | 13 | 19.7 | 13.4 | 12.6 |
| SL2-84 | D-36 | F-12 | 70 | 11 | 37.5 | 7.0 | 150.0 | | 13 | 20.5 | 14.3 | 12.6 |
| SL2-84 | D-36 | F-12 | 70 | 16 | 38.4 | 7.0 | 150.0 | | 13 | 20.5 | 14.3 | 12.6 |
| SL2-84 | D-36 | F-12 | 70 | 31 | 40.6 | 7.0 | 150.0 | | 13 | 20.3 | 14.3 | 12.6 |
| SL2-84 | D-36 | F-18 | 72 | 13 | 38.0 | 7.0 | 150.0 | | 13 | 20.4 | 13.9 | 12.6 |
| SL2-84 | D-36 | F-18 | 71 | 18 | 40.9 | 7.0 | 150.0 | | 13 | 20.2 | 13.9 | 12.6 |
| SL2-84 | D-36 | F-18 | 71 | 32 | 43.9 | 7.0 | 150.0 | | 13 | 20.1 | 13.9 | 12.6 |
| SL2-84 | D-36 | F-24 | 73 | 13 | 39.3 | 7.0 | 150.0 | | 13 | 20.1 | 13.5 | 12.6 |
| SL2-84 | D-36 | F-24 | 72 | 18 | 42.6 | 7.0 | 150.0 | | 13 | 19.9 | 13.5 | 12.6 |
| SL2-84 | D-36 | F-24 | 73 | 30 | 44.9 | 7.0 | 150.0 | | 13 | 20.0 | 13.5 | 12.6 |
| SL2-84 | D-36 | F-30 | 74 | 12 | 39.9 | 7.0 | 150.0 | | 13 | 19.9 | 13.1 | 12.6 |
| SL2-84 | D-36 | F-30 | 74 | 16 | 41.9 | 7.0 | 150.0 | | 13 | 19.7 | 13.1 | 12.6 |
| SL2-84 | D-36 | F-30 | 74 | 28 | 46.8 | 7.0 | 150.0 | | 13 | 20.0 | 13.1 | 12.6 |
| SL2-84 | D-36 | F-36 | 74 | 10 | 41.6 | 7.0 | 150.0 | | 13 | 19.6 | 12.7 | 12.6 |
| SL2-84 | D-36 | F-36 | 74 | 14 | 44.0 | 7.0 | 150.0 | | 13 | 19.6 | 12.7 | 12.6 |
| SL2-84 | D-36 | F-36 | 74 | 26 | 49.9 | 7.0 | 150.0 | | 13 | 19.2 | 12.7 | 12.6 |
| SL2-90 | D-36 | F-12 | 74 | 11 | 32.8 | 7.0 | 150.0 | | 13 | 20.7 | 13.5 | 12.6 |
| SL2-90 | D-36 | F-12 | 74 | 16 | 33.7 | 7.0 | 150.0 | | 13 | 20.8 | 13.5 | 12.6 |
| SL2-90 | D-36 | F-12 | 74 | 31 | 36.1 | 7.0 | 150.0 | | 13 | 20.6 | 13.5 | 12.6 |
| SL2-90 | D-36 | F-18 | 74 | 13 | 36.3 | 7.0 | 150.0 | | 13 | 20.5 | 13.1 | 12.6 |
| SL2-90 | D-36 | F-18 | 74 | 18 | 37.5 | 7.0 | 150.0 | | 13 | 20.4 | 13.1 | 12.6 |
| SL2-90 | D-36 | F-18 | 74 | 32 | 40.7 | 7.0 | 150.0 | | 13 | 20.3 | 13.1 | 12.6 |
| SL2-90 | D-36 | F-24 | 74 | 13 | 39.2 | 7.0 | 150.0 | | 13 | 19.8 | 12.7 | 12.6 |
| SL2-90 | D-36 | F-24 | 74 | 18 | 40.8 | 7.0 | 150.0 | | 13 | 19.8 | 12.7 | 12.6 |
| SL2-90 | D-36 | F-24 | 75 | 30 | 43.0 | 7.0 | 150.0 | | 13 | 19.7 | 12.7 | 12.6 |
| SL2-90 | D-36 | F-30 | 75 | 12 | 39.5 | 7.0 | 150.0 | | 13 | 19.7 | 12.4 | 12.4 |
| SL2-90 | D-36 | F-30 | 75 | 16 | 41.5 | 7.0 | 150.0 | | 13 | 19.5 | 12.4 | 12.4 |
| SL2-90 | D-36 | F-30 | 75 | 28 | 46.5 | 7.0 | 150.0 | | 13 | 19.4 | 12.4 | 12.4 |
| SL2-90 | D-36 | F-36 | 75 | 10 | 41.2 | 7.0 | 150.0 | | 13 | 19.1 | 12.0 | 12.0 |
| SL2-90 | D-36 | F-36 | 75 | 14 | 43.6 | 7.0 | 150.0 | | 13 | 19.0 | 12.1 | 12.1 |

| Permissible wind speeds | | | | | | | | | WAB-TAB18100149-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-90 | D-36 | F-36 | 76 | 26 | 47.6 | 7.0 | 150.0 | | 13 | 18.7 | 12.1 | 12.1 |
| SL2-96 | D-36 | F-12 | 75 | 11 | 32.6 | 7.0 | 150.0 | | 13 | 20.2 | 12.7 | 12.6 |
| SL2-96 | D-36 | F-12 | 75 | 16 | 33.6 | 7.0 | 150.0 | | 13 | 20.3 | 12.7 | 12.6 |
| SL2-96 | D-36 | F-12 | 75 | 31 | 36.0 | 7.0 | 150.0 | | 13 | 20.1 | 12.7 | 12.6 |
| SL2-96 | D-36 | F-18 | 75 | 13 | 36.0 | 7.0 | 150.0 | | 13 | 20.0 | 12.4 | 12.4 |
| SL2-96 | D-36 | F-18 | 75 | 18 | 37.3 | 7.0 | 150.0 | | 13 | 19.9 | 12.4 | 12.4 |
| SL2-96 | D-36 | F-18 | 75 | 32 | 40.5 | 7.0 | 150.0 | | 13 | 19.8 | 12.4 | 12.4 |
| SL2-96 | D-36 | F-24 | 75 | 13 | 38.9 | 7.0 | 150.0 | | 13 | 19.3 | 12.1 | 12.1 |
| SL2-96 | D-36 | F-24 | 75 | 18 | 40.5 | 7.0 | 150.0 | | 13 | 19.3 | 12.1 | 12.1 |
| SL2-96 | D-36 | F-24 | 76 | 30 | 42.6 | 7.0 | 150.0 | | 13 | 19.2 | 12.1 | 12.1 |
| SL2-96 | D-36 | F-30 | 76 | 12 | 39.0 | 7.0 | 150.0 | | 13 | 19.2 | 11.7 | 11.7 |
| SL2-96 | D-36 | F-30 | 76 | 16 | 41.0 | 7.0 | 150.0 | | 13 | 19.0 | 11.7 | 11.7 |
| SL2-96 | D-36 | F-30 | 76 | 28 | 46.1 | 7.0 | 150.0 | | 13 | 19.0 | 11.8 | 11.8 |
| SL2-96 | D-36 | F-36 | 76 | 10 | 40.5 | 7.0 | 150.0 | | 13 | 18.8 | 11.4 | 11.4 |
| SL2-96 | D-36 | F-36 | 76 | 14 | 43.0 | 7.0 | 150.0 | | 13 | 18.7 | 11.4 | 11.4 |
| SL2-96 | D-36 | F-36 | 76 | 26 | 49.0 | 7.0 | 150.0 | | 13 | 18.4 | 11.4 | 11.4 |
| SL2-102 | D-36 | F-12 | 75 | 11 | 34.2 | 7.0 | 150.0 | | 13 | 19.6 | 12.2 | 12.2 |
| SL2-102 | D-36 | F-12 | 75 | 16 | 35.1 | 7.0 | 150.0 | | 13 | 19.6 | 12.2 | 12.2 |
| SL2-102 | D-36 | F-12 | 75 | 31 | 37.6 | 7.0 | 150.0 | | 13 | 19.6 | 12.2 | 12.2 |
| SL2-102 | D-36 | F-18 | 76 | 13 | 35.6 | 7.0 | 150.0 | | 13 | 19.3 | 11.9 | 11.9 |
| SL2-102 | D-36 | F-18 | 76 | 18 | 36.9 | 7.0 | 150.0 | | 13 | 19.3 | 11.9 | 11.9 |
| SL2-102 | D-36 | F-18 | 76 | 32 | 40.1 | 7.0 | 150.0 | | 13 | 19.2 | 11.9 | 11.9 |
| SL2-102 | D-36 | F-24 | 76 | 13 | 38.3 | 7.0 | 150.0 | | 13 | 19.1 | 11.6 | 11.6 |
| SL2-102 | D-36 | F-24 | 76 | 18 | 40.0 | 7.0 | 150.0 | | 13 | 19.0 | 11.6 | 11.6 |
| SL2-102 | D-36 | F-24 | 76 | 30 | 44.1 | 7.0 | 150.0 | | 13 | 18.9 | 11.6 | 11.6 |
| SL2-102 | D-36 | F-30 | 76 | 12 | 40.4 | 7.0 | 150.0 | | 13 | 18.5 | 11.3 | 11.3 |
| SL2-102 | D-36 | F-30 | 76 | 16 | 42.5 | 7.0 | 150.0 | | 13 | 18.4 | 11.3 | 11.3 |
| SL2-102 | D-36 | F-30 | 77 | 28 | 45.4 | 7.0 | 150.0 | | 13 | 18.5 | 11.3 | 11.3 |
| SL2-102 | D-36 | F-36 | 77 | 10 | 39.7 | 7.0 | 150.0 | | 13 | 18.1 | 11.0 | 11.0 |
| SL2-102 | D-36 | F-36 | 77 | 14 | 42.1 | 7.0 | 150.0 | | 13 | 18.3 | 11.0 | 11.0 |
| SL2-102 | D-36 | F-36 | 77 | 26 | 48.3 | 7.0 | 150.0 | | 13 | 18.2 | 11.0 | 11.0 |
| SL2-108 | D-36 | F-12 | 76 | 11 | 33.7 | 7.0 | 150.0 | | 13 | 19.3 | 11.6 | 11.6 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100149-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-108 | D-36 | F-12 | 76 | 16 | 34.7 | 7.0 | 150.0 | | 13 | 19.3 | 11.6 | 11.6 |
| SL2-108 | D-36 | F-12 | 76 | 31 | 37.1 | 7.0 | 150.0 | | 13 | 19.2 | 11.6 | 11.6 |
| SL2-108 | D-36 | F-18 | 76 | 13 | 37.0 | 7.0 | 150.0 | | 13 | 18.8 | 11.3 | 11.3 |
| SL2-108 | D-36 | F-18 | 76 | 18 | 38.3 | 7.0 | 150.0 | | 13 | 18.7 | 11.3 | 11.3 |
| SL2-108 | D-36 | F-18 | 76 | 32 | 41.6 | 7.0 | 150.0 | | 13 | 18.6 | 11.3 | 11.3 |
| SL2-108 | D-36 | F-24 | 77 | 13 | 37.5 | 7.0 | 150.0 | | 13 | 18.6 | 11.1 | 11.1 |
| SL2-108 | D-36 | F-24 | 77 | 18 | 39.2 | 7.0 | 150.0 | | 13 | 18.4 | 11.1 | 11.1 |
| SL2-108 | D-36 | F-24 | 77 | 30 | 43.4 | 7.0 | 150.0 | | 13 | 18.5 | 11.1 | 11.1 |
| SL2-108 | D-36 | F-30 | 77 | 12 | 39.6 | 7.0 | 150.0 | | 13 | 18.3 | 10.8 | 10.8 |
| SL2-108 | D-36 | F-30 | 77 | 16 | 41.6 | 7.0 | 150.0 | | 13 | 18.2 | 10.8 | 10.8 |
| SL2-108 | D-36 | F-30 | 77 | 28 | 46.8 | 7.0 | 150.0 | | 13 | 18.0 | 10.8 | 10.8 |
| SL2-108 | D-36 | F-36 | 77 | 10 | 41.0 | 7.0 | 150.0 | | 13 | 17.8 | 10.5 | 10.5 |
| SL2-108 | D-36 | F-36 | 77 | 14 | 43.5 | 7.0 | 150.0 | | 13 | 17.7 | 10.5 | 10.5 |
| SL2-108 | D-36 | F-36 | 78 | 26 | 47.3 | 7.0 | 150.0 | | 13 | 17.5 | 10.5 | 10.5 |
| SL2-114 | D-36 | F-12 | 77 | 11 | 33.0 | 7.0 | 150.0 | | 13 | 18.8 | 11.1 | 11.1 |
| SL2-114 | D-36 | F-12 | 77 | 16 | 34.0 | 7.0 | 150.0 | | 13 | 18.8 | 11.1 | 11.1 |
| SL2-114 | D-36 | F-12 | 77 | 31 | 36.5 | 7.0 | 150.0 | | 13 | 18.7 | 11.1 | 11.1 |
| SL2-114 | D-36 | F-18 | 77 | 13 | 36.3 | 7.0 | 150.0 | | 13 | 18.6 | 10.9 | 10.9 |
| SL2-114 | D-36 | F-18 | 77 | 18 | 37.6 | 7.0 | 150.0 | | 13 | 18.5 | 10.9 | 10.9 |
| SL2-114 | D-36 | F-18 | 77 | 32 | 40.9 | 7.0 | 150.0 | | 13 | 18.4 | 10.8 | 10.8 |
| SL2-114 | D-36 | F-24 | 77 | 13 | 38.9 | 7.0 | 150.0 | | 13 | 18.1 | 10.6 | 10.6 |
| SL2-114 | D-36 | F-24 | 77 | 18 | 40.6 | 7.0 | 150.0 | | 13 | 18.0 | 10.6 | 10.6 |
| SL2-114 | D-36 | F-24 | 77 | 30 | 44.7 | 7.0 | 150.0 | | 13 | 17.9 | 10.6 | 10.6 |
| SL2-114 | D-36 | F-30 | 77 | 12 | 40.9 | 7.0 | 150.0 | | 13 | 17.6 | 10.4 | 10.4 |
| SL2-114 | D-36 | F-30 | 78 | 16 | 40.6 | 7.0 | 150.0 | | 13 | 17.6 | 10.4 | 10.4 |
| SL2-114 | D-36 | F-30 | 78 | 28 | 45.8 | 7.0 | 150.0 | | 13 | 17.8 | 10.4 | 10.4 |
| SL2-114 | D-36 | F-36 | 78 | 10 | 39.8 | 7.0 | 150.0 | | 13 | 17.5 | 10.1 | 10.1 |
| SL2-114 | D-36 | F-36 | 78 | 14 | 42.3 | 7.0 | 150.0 | | 13 | 17.6 | 10.1 | 10.1 |
| SL2-114 | D-36 | F-36 | 78 | 26 | 48.5 | 7.0 | 150.0 | | 13 | 17.4 | 10.1 | 10.1 |
| SL2-120 | D-36 | F-12 | 77 | 11 | 34.4 | 7.0 | 150.0 | | 13 | 18.3 | 10.7 | 10.7 |
| SL2-120 | D-36 | F-12 | 77 | 16 | 35.4 | 7.0 | 150.0 | | 13 | 18.3 | 10.7 | 10.7 |
| SL2-120 | D-36 | F-12 | 77 | 31 | 37.9 | 7.0 | 150.0 | | 13 | 18.2 | 10.7 | 10.7 |

| Permissible wind speeds | | | | | | | | | WAB-TAB18100149-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-120 | D-36 | F-18 | 77 | 13 | 37.6 | 7.0 | 150.0 | | 13 | 17.8 | 10.4 | 10.4 |
| SL2-120 | D-36 | F-18 | 78 | 18 | 36.6 | 7.0 | 150.0 | | 13 | 17.9 | 10.4 | 10.4 |
| SL2-120 | D-36 | F-18 | 77 | 32 | 42.2 | 7.0 | 150.0 | | 13 | 17.7 | 10.4 | 10.4 |
| SL2-120 | D-36 | F-24 | 78 | 13 | 37.8 | 7.0 | 150.0 | | 13 | 17.8 | 10.2 | 10.2 |
| SL2-120 | D-36 | F-24 | 78 | 18 | 39.5 | 7.0 | 150.0 | | 13 | 17.6 | 10.2 | 10.2 |
| SL2-120 | D-36 | F-24 | 78 | 30 | 43.7 | 7.0 | 150.0 | | 13 | 17.8 | 10.2 | 10.2 |
| SL2-120 | D-36 | F-30 | 78 | 12 | 39.8 | 7.0 | 150.0 | | 13 | 17.5 | 10.0 | 10.0 |
| SL2-120 | D-36 | F-30 | 78 | 16 | 41.8 | 7.0 | 150.0 | | 13 | 17.5 | 10.0 | 10.0 |
| SL2-120 | D-36 | F-30 | 78 | 28 | 47.0 | 7.0 | 150.0 | | 13 | 17.3 | 10.0 | 10.0 |
| SL2-120 | D-36 | F-36 | 78 | 10 | 41.1 | 7.0 | 150.0 | | 13 | 17.1 | 9.7 | 9.7 |
| SL2-120 | D-36 | F-36 | 78 | 14 | 43.6 | 7.0 | 150.0 | | 13 | 17.0 | 9.7 | 9.7 |
| SL2-120 | D-36 | F-36 | 78 | 26 | 49.8 | 7.0 | 150.0 | | 13 | 16.8 | 9.7 | 9.7 |
| SL2-126 | D-36 | F-12 | 78 | 11 | 33.4 | 7.0 | 150.0 | | 13 | 17.8 | 10.2 | 10.2 |
| SL2-126 | D-36 | F-12 | 78 | 16 | 34.4 | 7.0 | 150.0 | | 13 | 17.8 | 10.2 | 10.2 |
| SL2-126 | D-36 | F-12 | 78 | 31 | 36.9 | 7.0 | 150.0 | | 13 | 17.9 | 10.2 | 10.2 |
| SL2-126 | D-36 | F-18 | 78 | 13 | 36.5 | 7.0 | 150.0 | | 13 | 17.8 | 10.0 | 10.0 |
| SL2-126 | D-36 | F-18 | 78 | 18 | 37.8 | 7.0 | 150.0 | | 13 | 17.7 | 10.0 | 10.0 |
| SL2-126 | D-36 | F-18 | 78 | 32 | 41.2 | 7.0 | 150.0 | | 13 | 17.6 | 10.0 | 10.0 |
| SL2-126 | D-36 | F-24 | 78 | 13 | 39.1 | 7.0 | 150.0 | | 13 | 17.3 | 9.8 | 9.8 |
| SL2-126 | D-36 | F-24 | 78 | 18 | 40.7 | 7.0 | 150.0 | | 13 | 17.3 | 9.8 | 9.8 |
| SL2-126 | D-36 | F-24 | 78 | 30 | 45.0 | 7.0 | 150.0 | | 13 | 17.2 | 9.8 | 9.8 |
| SL2-126 | D-36 | F-30 | 78 | 12 | 41.0 | 7.0 | 150.0 | | 13 | 16.9 | 9.6 | 9.6 |
| SL2-126 | D-36 | F-30 | 79 | 16 | 40.4 | 7.0 | 150.0 | | 13 | 16.9 | 9.6 | 9.6 |
| SL2-126 | D-36 | F-30 | 79 | 28 | 45.7 | 7.0 | 150.0 | | 13 | 17.1 | 9.6 | 9.6 |
| SL2-126 | D-36 | F-36 | 79 | 10 | 39.6 | 7.0 | 150.0 | | 13 | 16.7 | 9.4 | 9.4 |
| SL2-126 | D-36 | F-36 | 79 | 14 | 42.1 | 7.0 | 150.0 | | 13 | 16.9 | 9.4 | 9.4 |
| SL2-126 | D-36 | F-36 | 79 | 26 | 48.3 | 7.0 | 150.0 | | 13 | 16.7 | 9.4 | 9.4 |
| SL2-132 | D-36 | F-12 | 78 | 11 | 34.6 | 7.0 | 150.0 | | 13 | 17.5 | 9.9 | 9.9 |
| SL2-132 | D-36 | F-12 | 78 | 16 | 35.6 | 7.0 | 150.0 | | 13 | 17.5 | 9.9 | 9.9 |
| SL2-132 | D-36 | F-12 | 78 | 31 | 38.1 | 7.0 | 150.0 | | 13 | 17.5 | 9.9 | 9.9 |
| SL2-132 | D-36 | F-18 | 78 | 13 | 37.8 | 7.0 | 150.0 | | 13 | 17.1 | 9.7 | 9.7 |
| SL2-132 | D-36 | F-18 | 78 | 18 | 39.1 | 7.0 | 150.0 | | 13 | 17.1 | 9.7 | 9.7 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100149-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL2-132 | D-36 | F-18 | 78 | 32 | 42.4 | 7.0 | 150.0 | | 13 | 17.0 | 9.7 | 9.7 |
| SL2-132 | D-36 | F-24 | 79 | 13 | 37.7 | 6.0 | 150.0 | | 13 | 16.7 | 9.5 | 9.5 |
| SL2-132 | D-36 | F-30 | 79 | 12 | 39.5 | 5.0 | 150.0 | | 13 | 16.7 | 9.3 | 9.3 |
| SL2-132 | D-36 | F-36 | 79 | 10 | 40.7 | 5.0 | 150.0 | | 13 | 16.6 | 9.1 | 9.1 |
| SL2-138 | D-36 | F-12 | 79 | 11 | 33.3 | 5.0 | 150.0 | | 13 | 17.0 | 9.5 | 9.5 |
| SL2-138 | D-36 | F-18 | 79 | 13 | 36.4 | 5.0 | 150.0 | | 13 | 16.7 | 9.3 | 9.3 |
| SL2-138 | D-36 | F-24 | 79 | 13 | 38.8 | 5.0 | 150.0 | | 13 | 16.7 | 9.1 | 9.1 |

38 SL4DF/SL4DFB - system



Note

- SL4DF/SL4DFB - system
- 0t Derrick ballast
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100150-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|--------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-72 | D-36 | F-12 | 65 | 11 | 40.1 | 7.0 | 150.0 | | 13 | 21.1 | 15.9 | 12.6 |
| SL4-72 | D-36 | F-12 | 65 | 16 | 40.9 | 7.0 | 150.0 | | 13 | 21.2 | 15.8 | 12.6 |
| SL4-72 | D-36 | F-12 | 65 | 31 | 43.0 | 7.0 | 150.0 | | 13 | 20.8 | 15.8 | 12.6 |
| SL4-72 | D-36 | F-18 | 66 | 13 | 42.9 | 7.0 | 150.0 | | 13 | 20.6 | 15.3 | 12.6 |
| SL4-72 | D-36 | F-18 | 66 | 18 | 44.0 | 7.0 | 150.0 | | 13 | 20.5 | 15.3 | 12.6 |
| SL4-72 | D-36 | F-18 | 65 | 32 | 48.1 | 7.0 | 150.0 | | 13 | 20.3 | 15.3 | 12.6 |
| SL4-72 | D-36 | F-24 | 66 | 13 | 46.5 | 7.0 | 150.0 | | 13 | 19.9 | 14.7 | 12.6 |
| SL4-72 | D-36 | F-24 | 66 | 18 | 48.0 | 7.0 | 150.0 | | 13 | 19.9 | 14.7 | 12.6 |
| SL4-72 | D-36 | F-24 | 67 | 30 | 50.1 | 7.0 | 150.0 | | 13 | 19.8 | 14.7 | 12.6 |
| SL4-72 | D-36 | F-30 | 67 | 12 | 48.0 | 7.0 | 150.0 | | 13 | 19.5 | 14.2 | 12.6 |
| SL4-72 | D-36 | F-30 | 67 | 16 | 49.8 | 7.0 | 150.0 | | 13 | 19.4 | 14.2 | 12.6 |
| SL4-72 | D-36 | F-30 | 67 | 28 | 54.2 | 7.0 | 150.0 | | 13 | 19.2 | 14.2 | 12.6 |
| SL4-72 | D-36 | F-36 | 68 | 10 | 48.8 | 7.0 | 150.0 | | 13 | 19.2 | 13.6 | 12.6 |
| SL4-72 | D-36 | F-36 | 68 | 14 | 51.0 | 7.0 | 150.0 | | 13 | 19.1 | 13.6 | 12.6 |
| SL4-72 | D-36 | F-36 | 74 | 26 | 46.6 | 7.0 | 150.0 | | 13 | 19.2 | 13.7 | 12.6 |
| SL4-78 | D-36 | F-12 | 67 | 11 | 39.8 | 7.0 | 150.0 | | 13 | 20.6 | 14.7 | 12.6 |
| SL4-78 | D-36 | F-12 | 67 | 16 | 40.6 | 7.0 | 150.0 | | 13 | 20.6 | 14.7 | 12.6 |
| SL4-78 | D-36 | F-12 | 67 | 31 | 42.8 | 7.0 | 150.0 | | 13 | 20.3 | 14.7 | 12.6 |
| SL4-78 | D-36 | F-18 | 68 | 13 | 42.3 | 7.0 | 150.0 | | 13 | 20.0 | 14.2 | 12.6 |
| SL4-78 | D-36 | F-18 | 68 | 18 | 43.5 | 7.0 | 150.0 | | 13 | 20.0 | 14.2 | 12.6 |
| SL4-78 | D-36 | F-18 | 67 | 32 | 47.8 | 7.0 | 150.0 | | 13 | 19.7 | 14.2 | 12.6 |
| SL4-78 | D-36 | F-24 | 68 | 13 | 45.7 | 7.0 | 150.0 | | 13 | 19.5 | 13.7 | 12.6 |
| SL4-78 | D-36 | F-24 | 68 | 18 | 47.2 | 7.0 | 150.0 | | 13 | 19.4 | 13.7 | 12.6 |
| SL4-78 | D-36 | F-24 | 68 | 30 | 50.9 | 7.0 | 150.0 | | 13 | 19.3 | 13.7 | 12.6 |
| SL4-78 | D-36 | F-30 | 70 | 12 | 45.2 | 7.0 | 150.0 | | 13 | 19.2 | 13.2 | 12.6 |
| SL4-78 | D-36 | F-30 | 70 | 16 | 47.1 | 7.0 | 150.0 | | 13 | 19.4 | 13.2 | 12.6 |
| SL4-78 | D-36 | F-30 | 70 | 28 | 51.8 | 7.0 | 150.0 | | 13 | 19.2 | 13.2 | 12.6 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100150-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-78 | D-36 | F-36 | 71 | 10 | 45.5 | 7.0 | 150.0 | | 13 | 19.3 | 12.8 | 12.6 |
| SL4-78 | D-36 | F-36 | 72 | 14 | 46.0 | 7.0 | 150.0 | | 13 | 19.2 | 12.8 | 12.6 |
| SL4-78 | D-36 | F-36 | 73 | 26 | 50.0 | 7.0 | 150.0 | | 13 | 19.3 | 12.8 | 12.6 |
| SL4-84 | D-36 | F-12 | 69 | 11 | 39.0 | 7.0 | 150.0 | | 13 | 20.0 | 13.7 | 12.6 |
| SL4-84 | D-36 | F-12 | 69 | 16 | 39.9 | 7.0 | 150.0 | | 13 | 20.1 | 13.7 | 12.6 |
| SL4-84 | D-36 | F-12 | 68 | 31 | 43.6 | 7.0 | 150.0 | | 13 | 19.7 | 13.7 | 12.6 |
| SL4-84 | D-36 | F-18 | 70 | 13 | 41.3 | 7.0 | 150.0 | | 13 | 19.8 | 13.3 | 12.6 |
| SL4-84 | D-36 | F-18 | 70 | 18 | 42.5 | 7.0 | 150.0 | | 13 | 19.7 | 13.3 | 12.6 |
| SL4-84 | D-36 | F-18 | 70 | 32 | 45.5 | 7.0 | 150.0 | | 13 | 19.5 | 13.3 | 12.6 |
| SL4-84 | D-36 | F-24 | 71 | 13 | 42.8 | 7.0 | 150.0 | | 13 | 19.6 | 12.8 | 12.6 |
| SL4-84 | D-36 | F-24 | 71 | 18 | 44.4 | 7.0 | 150.0 | | 13 | 19.6 | 12.8 | 12.6 |
| SL4-84 | D-36 | F-24 | 72 | 30 | 46.5 | 7.0 | 150.0 | | 13 | 19.6 | 12.8 | 12.6 |
| SL4-84 | D-36 | F-30 | 73 | 12 | 41.7 | 7.0 | 150.0 | | 13 | 19.4 | 12.4 | 12.4 |
| SL4-84 | D-36 | F-30 | 73 | 16 | 43.7 | 7.0 | 150.0 | | 13 | 19.6 | 12.4 | 12.4 |
| SL4-84 | D-36 | F-30 | 73 | 28 | 48.6 | 7.0 | 150.0 | | 13 | 19.4 | 12.4 | 12.4 |
| SL4-84 | D-36 | F-36 | 74 | 10 | 41.6 | 7.0 | 150.0 | | 13 | 19.3 | 12.0 | 12.0 |
| SL4-84 | D-36 | F-36 | 74 | 14 | 44.0 | 7.0 | 150.0 | | 13 | 19.3 | 12.0 | 12.0 |
| SL4-84 | D-36 | F-36 | 74 | 26 | 49.9 | 7.0 | 150.0 | | 13 | 19.3 | 12.0 | 12.0 |
| SL4-90 | D-36 | F-12 | 73 | 11 | 34.5 | 7.0 | 150.0 | | 13 | 20.4 | 12.8 | 12.6 |
| SL4-90 | D-36 | F-12 | 73 | 16 | 35.4 | 7.0 | 150.0 | | 13 | 20.5 | 12.8 | 12.6 |
| SL4-90 | D-36 | F-12 | 73 | 31 | 37.8 | 7.0 | 150.0 | | 13 | 20.1 | 12.8 | 12.6 |
| SL4-90 | D-36 | F-18 | 74 | 13 | 36.3 | 7.0 | 150.0 | | 13 | 20.1 | 12.4 | 12.4 |
| SL4-90 | D-36 | F-18 | 74 | 18 | 37.5 | 7.0 | 150.0 | | 13 | 20.0 | 12.4 | 12.4 |
| SL4-90 | D-36 | F-18 | 73 | 32 | 42.4 | 7.0 | 150.0 | | 13 | 19.9 | 12.4 | 12.4 |
| SL4-90 | D-36 | F-24 | 74 | 13 | 39.2 | 7.0 | 150.0 | | 13 | 19.9 | 12.0 | 12.0 |
| SL4-90 | D-36 | F-24 | 74 | 18 | 40.8 | 7.0 | 150.0 | | 13 | 19.8 | 12.0 | 12.0 |
| SL4-90 | D-36 | F-24 | 74 | 30 | 44.8 | 7.0 | 150.0 | | 13 | 19.7 | 12.0 | 12.0 |
| SL4-90 | D-36 | F-30 | 74 | 12 | 41.5 | 7.0 | 150.0 | | 13 | 19.3 | 11.6 | 11.6 |
| SL4-90 | D-36 | F-30 | 75 | 16 | 41.5 | 7.0 | 150.0 | | 13 | 19.2 | 11.6 | 11.6 |
| SL4-90 | D-36 | F-30 | 75 | 28 | 46.5 | 7.0 | 150.0 | | 13 | 19.1 | 11.6 | 11.6 |
| SL4-90 | D-36 | F-36 | 75 | 10 | 41.2 | 7.0 | 150.0 | | 13 | 19.1 | 11.3 | 11.3 |
| SL4-90 | D-36 | F-36 | 75 | 14 | 43.6 | 7.0 | 150.0 | | 13 | 19.0 | 11.3 | 11.3 |

| Permissible wind speeds | | | | | | | | | WAB-TAB18100150-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-90 | D-36 | F-36 | 75 | 26 | 49.6 | 7.0 | 150.0 | | 13 | 18.8 | 11.3 | 11.3 |
| SL4-96 | D-36 | F-12 | 74 | 11 | 34.4 | 7.0 | 150.0 | | 13 | 20.1 | 11.9 | 11.9 |
| SL4-96 | D-36 | F-12 | 74 | 16 | 35.4 | 7.0 | 150.0 | | 13 | 20.1 | 11.9 | 11.9 |
| SL4-96 | D-36 | F-12 | 74 | 31 | 37.8 | 7.0 | 150.0 | | 13 | 20.1 | 11.9 | 11.9 |
| SL4-96 | D-36 | F-18 | 75 | 13 | 36.0 | 7.0 | 150.0 | | 13 | 19.6 | 11.6 | 11.6 |
| SL4-96 | D-36 | F-18 | 75 | 18 | 37.3 | 7.0 | 150.0 | | 13 | 19.6 | 11.6 | 11.6 |
| SL4-96 | D-36 | F-18 | 75 | 32 | 40.5 | 7.0 | 150.0 | | 13 | 19.4 | 11.6 | 11.6 |
| SL4-96 | D-36 | F-24 | 75 | 13 | 38.9 | 7.0 | 150.0 | | 13 | 19.4 | 11.2 | 11.2 |
| SL4-96 | D-36 | F-24 | 75 | 18 | 40.5 | 7.0 | 150.0 | | 13 | 19.4 | 11.2 | 11.2 |
| SL4-96 | D-36 | F-24 | 75 | 30 | 44.6 | 7.0 | 150.0 | | 13 | 19.2 | 11.2 | 11.2 |
| SL4-96 | D-36 | F-30 | 75 | 12 | 41.1 | 7.0 | 150.0 | | 13 | 18.8 | 10.9 | 10.9 |
| SL4-96 | D-36 | F-30 | 75 | 16 | 43.1 | 7.0 | 150.0 | | 13 | 18.7 | 10.9 | 10.9 |
| SL4-96 | D-36 | F-30 | 76 | 28 | 46.1 | 7.0 | 150.0 | | 13 | 18.6 | 10.9 | 10.9 |
| SL4-96 | D-36 | F-36 | 76 | 10 | 40.5 | 7.0 | 150.0 | | 13 | 18.6 | 10.6 | 10.6 |
| SL4-96 | D-36 | F-36 | 76 | 14 | 43.0 | 7.0 | 150.0 | | 13 | 18.6 | 10.6 | 10.6 |
| SL4-96 | D-36 | F-36 | 76 | 26 | 49.0 | 7.0 | 150.0 | | 13 | 18.4 | 10.6 | 10.6 |
| SL4-102 | D-36 | F-12 | 75 | 11 | 34.2 | 7.0 | 150.0 | | 13 | 19.7 | 11.3 | 11.3 |
| SL4-102 | D-36 | F-12 | 75 | 16 | 35.1 | 7.0 | 150.0 | | 13 | 19.6 | 11.3 | 11.3 |
| SL4-102 | D-36 | F-12 | 75 | 31 | 37.6 | 7.0 | 150.0 | | 13 | 19.6 | 11.3 | 11.3 |
| SL4-102 | D-36 | F-18 | 75 | 13 | 37.6 | 7.0 | 150.0 | | 13 | 19.0 | 10.9 | 10.9 |
| SL4-102 | D-36 | F-18 | 75 | 18 | 38.9 | 7.0 | 150.0 | | 13 | 19.0 | 10.9 | 10.9 |
| SL4-102 | D-36 | F-18 | 75 | 32 | 42.1 | 7.0 | 150.0 | | 13 | 18.9 | 10.9 | 10.9 |
| SL4-102 | D-36 | F-24 | 76 | 13 | 38.3 | 7.0 | 150.0 | | 13 | 18.9 | 10.6 | 10.6 |
| SL4-102 | D-36 | F-24 | 76 | 18 | 40.0 | 7.0 | 150.0 | | 13 | 18.8 | 10.6 | 10.6 |
| SL4-102 | D-36 | F-24 | 76 | 30 | 44.1 | 7.0 | 150.0 | | 13 | 18.8 | 10.6 | 10.6 |
| SL4-102 | D-36 | F-30 | 76 | 12 | 40.4 | 7.0 | 150.0 | | 13 | 18.5 | 10.3 | 10.3 |
| SL4-102 | D-36 | F-30 | 76 | 16 | 42.5 | 7.0 | 150.0 | | 13 | 18.4 | 10.3 | 10.3 |
| SL4-102 | D-36 | F-30 | 76 | 28 | 47.5 | 7.0 | 150.0 | | 13 | 18.2 | 10.3 | 10.3 |
| SL4-102 | D-36 | F-36 | 77 | 10 | 39.7 | 7.0 | 150.0 | | 13 | 18.0 | 10.0 | 10.0 |
| SL4-102 | D-36 | F-36 | 77 | 14 | 42.1 | 7.0 | 150.0 | | 13 | 17.9 | 10.0 | 10.0 |
| SL4-102 | D-36 | F-36 | 77 | 26 | 48.3 | 7.0 | 150.0 | | 13 | 18.0 | 10.0 | 10.0 |
| SL4-108 | D-36 | F-12 | 76 | 11 | 33.7 | 7.0 | 150.0 | | 13 | 19.2 | 10.6 | 10.6 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100150-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-108 | D-36 | F-12 | 76 | 16 | 34.7 | 7.0 | 150.0 | | 13 | 19.2 | 10.6 | 10.6 |
| SL4-108 | D-36 | F-12 | 76 | 31 | 37.1 | 7.0 | 150.0 | | 13 | 19.1 | 10.6 | 10.6 |
| SL4-108 | D-36 | F-18 | 76 | 13 | 37.0 | 7.0 | 150.0 | | 13 | 18.7 | 10.3 | 10.3 |
| SL4-108 | D-36 | F-18 | 76 | 18 | 38.3 | 7.0 | 150.0 | | 13 | 18.6 | 10.3 | 10.3 |
| SL4-108 | D-36 | F-18 | 76 | 32 | 41.6 | 7.0 | 150.0 | | 13 | 18.5 | 10.3 | 10.3 |
| SL4-108 | D-36 | F-24 | 77 | 13 | 37.5 | 7.0 | 150.0 | | 13 | 18.2 | 10.0 | 10.0 |
| SL4-108 | D-36 | F-24 | 77 | 18 | 39.2 | 7.0 | 150.0 | | 13 | 18.2 | 10.0 | 10.0 |
| SL4-108 | D-36 | F-24 | 77 | 30 | 43.4 | 7.0 | 150.0 | | 13 | 18.2 | 10.0 | 10.0 |
| SL4-108 | D-36 | F-30 | 77 | 12 | 39.6 | 7.0 | 150.0 | | 13 | 18.1 | 9.7 | 9.7 |
| SL4-108 | D-36 | F-30 | 77 | 16 | 41.6 | 7.0 | 150.0 | | 13 | 18.0 | 9.7 | 9.7 |
| SL4-108 | D-36 | F-30 | 77 | 28 | 46.8 | 7.0 | 150.0 | | 13 | 17.9 | 9.7 | 9.7 |
| SL4-108 | D-36 | F-36 | 77 | 10 | 41.0 | 7.0 | 150.0 | | 13 | 17.7 | 9.4 | 9.4 |
| SL4-108 | D-36 | F-36 | 77 | 14 | 43.5 | 7.0 | 150.0 | | 13 | 17.6 | 9.4 | 9.4 |
| SL4-108 | D-36 | F-36 | 78 | 26 | 47.3 | 7.0 | 150.0 | | 13 | 17.4 | 9.4 | 9.4 |
| SL4-114 | D-36 | F-12 | 77 | 11 | 33.0 | 7.0 | 150.0 | | 13 | 18.4 | 10.1 | 10.1 |
| SL4-114 | D-36 | F-12 | 77 | 16 | 34.0 | 7.0 | 150.0 | | 13 | 18.5 | 10.1 | 10.1 |
| SL4-114 | D-36 | F-12 | 77 | 31 | 36.5 | 7.0 | 150.0 | | 13 | 18.3 | 10.1 | 10.1 |
| SL4-114 | D-36 | F-18 | 77 | 13 | 36.3 | 7.0 | 150.0 | | 13 | 18.2 | 9.8 | 9.8 |
| SL4-114 | D-36 | F-18 | 77 | 18 | 37.6 | 7.0 | 150.0 | | 13 | 18.3 | 9.8 | 9.8 |
| SL4-114 | D-36 | F-18 | 77 | 32 | 40.9 | 7.0 | 150.0 | | 13 | 18.1 | 9.8 | 9.8 |
| SL4-114 | D-36 | F-24 | 77 | 13 | 38.9 | 7.0 | 150.0 | | 13 | 18.0 | 9.5 | 9.5 |
| SL4-114 | D-36 | F-24 | 77 | 18 | 40.6 | 7.0 | 150.0 | | 13 | 17.9 | 9.5 | 9.5 |
| SL4-114 | D-36 | F-24 | 77 | 30 | 44.7 | 7.0 | 150.0 | | 13 | 17.8 | 9.5 | 9.5 |
| SL4-114 | D-36 | F-30 | 77 | 12 | 40.9 | 7.0 | 150.0 | | 13 | 17.5 | 9.2 | 9.2 |
| SL4-114 | D-36 | F-30 | 77 | 16 | 43.0 | 7.0 | 150.0 | | 13 | 17.4 | 9.2 | 9.2 |
| SL4-114 | D-36 | F-30 | 78 | 28 | 45.8 | 7.0 | 150.0 | | 13 | 17.3 | 9.2 | 9.2 |
| SL4-114 | D-36 | F-36 | 78 | 10 | 39.8 | 7.0 | 150.0 | | 13 | 17.1 | 9.0 | 9.0 |
| SL4-114 | D-36 | F-36 | 78 | 14 | 42.3 | 7.0 | 150.0 | | 13 | 17.3 | 9.0 | 9.0 |
| SL4-114 | D-36 | F-36 | 78 | 26 | 48.5 | 7.0 | 150.0 | | 13 | 17.3 | 9.0 | 9.0 |
| SL4-120 | D-36 | F-12 | 77 | 11 | 34.4 | 7.0 | 150.0 | | 13 | 18.3 | 9.6 | 9.6 |
| SL4-120 | D-36 | F-12 | 77 | 16 | 35.4 | 7.0 | 150.0 | | 13 | 18.2 | 9.6 | 9.6 |
| SL4-120 | D-36 | F-12 | 77 | 31 | 37.9 | 7.0 | 150.0 | | 13 | 18.2 | 9.6 | 9.6 |

| Permissible wind speeds | | | | | | | | | WAB-TAB18100150-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-120 | D-36 | F-18 | 77 | 13 | 37.6 | 7.0 | 150.0 | | 13 | 17.8 | 9.3 | 9.3 |
| SL4-120 | D-36 | F-18 | 77 | 18 | 38.9 | 7.0 | 150.0 | | 13 | 17.7 | 9.3 | 9.3 |
| SL4-120 | D-36 | F-18 | 77 | 32 | 42.2 | 7.0 | 150.0 | | 13 | 17.6 | 9.3 | 9.3 |
| SL4-120 | D-36 | F-24 | 78 | 13 | 37.8 | 7.0 | 150.0 | | 13 | 17.3 | 9.1 | 9.1 |
| SL4-120 | D-36 | F-24 | 78 | 18 | 39.5 | 7.0 | 150.0 | | 13 | 17.4 | 9.1 | 9.1 |
| SL4-120 | D-36 | F-24 | 78 | 30 | 43.7 | 7.0 | 150.0 | | 13 | 17.4 | 9.1 | 9.1 |
| SL4-120 | D-36 | F-30 | 78 | 12 | 39.8 | 7.0 | 150.0 | | 13 | 17.3 | 8.8 | 8.8 |
| SL4-120 | D-36 | F-30 | 78 | 16 | 41.8 | 7.0 | 150.0 | | 13 | 17.2 | 8.8 | 8.8 |
| SL4-120 | D-36 | F-30 | 78 | 28 | 47.0 | 7.0 | 150.0 | | 13 | 17.2 | 8.8 | 8.8 |
| SL4-120 | D-36 | F-36 | 78 | 10 | 41.1 | 7.0 | 150.0 | | 13 | 17.0 | 8.6 | 8.6 |
| SL4-120 | D-36 | F-36 | 78 | 14 | 43.6 | 7.0 | 150.0 | | 13 | 16.9 | 8.6 | 8.6 |
| SL4-120 | D-36 | F-36 | 78 | 26 | 49.8 | 7.0 | 150.0 | | 13 | 16.7 | 8.6 | 8.6 |
| SL4-126 | D-36 | F-12 | 78 | 11 | 33.4 | 7.0 | 150.0 | | 13 | 17.5 | 9.1 | 9.1 |
| SL4-126 | D-36 | F-12 | 78 | 16 | 34.4 | 7.0 | 150.0 | | 13 | 17.5 | 9.1 | 9.1 |
| SL4-126 | D-36 | F-12 | 78 | 31 | 36.9 | 7.0 | 150.0 | | 13 | 17.5 | 9.1 | 9.1 |
| SL4-126 | D-36 | F-18 | 78 | 13 | 36.5 | 7.0 | 150.0 | | 13 | 17.4 | 8.9 | 8.9 |
| SL4-126 | D-36 | F-18 | 78 | 18 | 37.8 | 7.0 | 150.0 | | 13 | 17.3 | 8.9 | 8.9 |
| SL4-126 | D-36 | F-18 | 78 | 32 | 41.2 | 7.0 | 150.0 | | 13 | 17.3 | 8.9 | 8.9 |
| SL4-126 | D-36 | F-24 | 78 | 13 | 39.1 | 7.0 | 150.0 | | 13 | 17.2 | 8.6 | 8.6 |
| SL4-126 | D-36 | F-24 | 78 | 18 | 40.7 | 7.0 | 150.0 | | 13 | 17.2 | 8.6 | 8.6 |
| SL4-126 | D-36 | F-24 | 78 | 30 | 45.0 | 7.0 | 150.0 | | 13 | 17.0 | 8.6 | 8.6 |
| SL4-126 | D-36 | F-30 | 78 | 12 | 41.0 | 7.0 | 150.0 | | 13 | 16.8 | 8.4 | 8.4 |
| SL4-126 | D-36 | F-30 | 78 | 16 | 43.1 | 7.0 | 150.0 | | 13 | 16.7 | 8.4 | 8.4 |
| SL4-126 | D-36 | F-30 | 78 | 28 | 48.3 | 7.0 | 150.0 | | 13 | 16.5 | 8.4 | 8.4 |
| SL4-126 | D-36 | F-36 | 78 | 10 | 42.3 | 7.0 | 150.0 | | 13 | 16.4 | 8.2 | 8.2 |
| SL4-126 | D-36 | F-36 | 79 | 14 | 42.1 | 7.0 | 150.0 | | 13 | 16.5 | 8.2 | 8.2 |
| SL4-126 | D-36 | F-36 | 79 | 26 | 48.3 | 7.0 | 150.0 | | 13 | 16.5 | 8.2 | 8.2 |
| SL4-132 | D-36 | F-12 | 78 | 11 | 34.6 | 7.0 | 150.0 | | 13 | 17.4 | 8.7 | 8.7 |
| SL4-132 | D-36 | F-12 | 78 | 16 | 35.6 | 7.0 | 150.0 | | 13 | 17.4 | 8.7 | 8.7 |
| SL4-132 | D-36 | F-12 | 78 | 31 | 38.1 | 7.0 | 150.0 | | 13 | 17.4 | 8.7 | 8.7 |
| SL4-132 | D-36 | F-18 | 78 | 13 | 37.8 | 7.0 | 150.0 | | 13 | 17.0 | 8.5 | 8.5 |
| SL4-132 | D-36 | F-18 | 78 | 18 | 39.1 | 7.0 | 150.0 | | 13 | 17.0 | 8.5 | 8.5 |

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| Permissible wind speeds | | | | | | | | | WAB-TAB18100150-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W A B | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL4-132 | D-36 | F-18 | 78 | 32 | 42.4 | 7.0 | 150.0 | | 13 | 16.9 | 8.5 | 8.5 |
| SL4-132 | D-36 | F-24 | 78 | 13 | 40.3 | 6.0 | 150.0 | | 13 | 16.6 | 8.3 | 8.3 |
| SL4-132 | D-36 | F-30 | 79 | 12 | 39.5 | 5.0 | 150.0 | | 13 | 16.4 | 8.1 | 8.1 |
| SL4-132 | D-36 | F-36 | 79 | 10 | 40.7 | 5.0 | 150.0 | | 13 | 16.3 | 7.9 | 7.9 |
| SL4-138 | D-36 | F-12 | 78 | 11 | 35.9 | 5.0 | 150.0 | | 13 | 16.8 | 8.3 | 8.3 |
| SL4-138 | D-36 | F-18 | 79 | 13 | 36.4 | 5.0 | 150.0 | | 13 | 16.4 | 8.1 | 8.1 |
| SL4-138 | D-36 | F-24 | 79 | 13 | 38.8 | 5.0 | 150.0 | | 13 | 16.3 | 7.9 | 7.9 |

39 SL13DFB - system, hook block weight 7t



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Hook block weight 7t
- Derrick ballast 0t
- Central ballast 0t
- Derrick radius 13m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100486-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL13-102 | D-36 | F-12 | 70 | 11 | 43.6 | 7 | 190 | 0 | 13 | 17.7 | 11.7 | 8.9 |
| SL13-105 | D-36 | F-12 | 71 | 11 | 42.7 | 7 | 190 | 0 | 13 | 17.5 | 11.3 | 8.9 |
| SL13-108 | D-36 | F-12 | 72 | 11 | 41.7 | 7 | 190 | 0 | 13 | 17.2 | 11.0 | 8.9 |
| SL13-111 | D-36 | F-12 | 72 | 11 | 42.7 | 7 | 190 | 0 | 13 | 17.1 | 10.7 | 8.9 |
| SL13-114 | D-36 | F-12 | 73 | 11 | 41.5 | 7 | 190 | 0 | 13 | 16.9 | 10.5 | 8.9 |
| SL13-117 | D-36 | F-12 | 73 | 11 | 42.4 | 7 | 190 | 0 | 13 | 16.8 | 10.2 | 8.9 |
| SL13-120 | D-36 | F-12 | 74 | 11 | 41.1 | 7 | 190 | 0 | 13 | 16.9 | 9.9 | 8.9 |
| SL13-123 | D-36 | F-12 | 75 | 11 | 39.6 | 7 | 190 | 0 | 13 | 16.7 | 9.6 | 8.9 |
| SL13-126 | D-36 | F-12 | 75 | 11 | 40.4 | 7 | 190 | 0 | 13 | 16.6 | 9.4 | 8.9 |
| SL13-129 | D-36 | F-12 | 75 | 11 | 41.2 | 7 | 190 | 0 | 13 | 16.2 | 9.1 | 8.9 |
| SL13-132 | D-36 | F-12 | 76 | 11 | 39.5 | 7 | 190 | 0 | 13 | 16.2 | 8.9 | 8.9 |
| SL13-135 | D-36 | F-12 | 76 | 11 | 40.3 | 7 | 190 | 0 | 13 | 16.0 | 8.7 | 8.7 |
| SL13-138 | D-36 | F-12 | 76 | 11 | 41.0 | 7 | 190 | 0 | 13 | 15.8 | 8.6 | 8.6 |
| SL13-102 | D-36 | F-12 | 70 | 16 | 44.5 | 7 | 190 | 0 | 13 | 17.7 | 11.7 | 8.9 |
| SL13-105 | D-36 | F-12 | 71 | 16 | 43.7 | 7 | 190 | 0 | 13 | 17.5 | 11.3 | 8.9 |
| SL13-108 | D-36 | F-12 | 72 | 16 | 42.7 | 7 | 190 | 0 | 13 | 17.2 | 11.0 | 8.9 |
| SL13-111 | D-36 | F-12 | 72 | 16 | 43.6 | 7 | 190 | 0 | 13 | 17.1 | 10.7 | 8.9 |
| SL13-114 | D-36 | F-12 | 73 | 16 | 42.4 | 7 | 190 | 0 | 13 | 16.8 | 10.5 | 8.9 |
| SL13-117 | D-36 | F-12 | 73 | 16 | 43.3 | 7 | 190 | 0 | 13 | 16.7 | 10.1 | 8.9 |
| SL13-120 | D-36 | F-12 | 74 | 16 | 42.0 | 7 | 190 | 0 | 13 | 16.8 | 9.9 | 8.9 |
| SL13-123 | D-36 | F-12 | 75 | 16 | 40.6 | 7 | 190 | 0 | 13 | 16.6 | 9.6 | 8.9 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100486-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL13-126 | D-36 | F-12 | 75 | 16 | 41.4 | 7 | 190 | 0 | 13 | 16.6 | 9.4 | 8.9 |
| SL13-129 | D-36 | F-12 | 75 | 16 | 42.1 | 7 | 190 | 0 | 13 | 16.2 | 9.1 | 8.9 |
| SL13-132 | D-36 | F-12 | 76 | 16 | 40.5 | 7 | 190 | 0 | 13 | 16.2 | 8.9 | 8.9 |
| SL13-135 | D-36 | F-12 | 76 | 16 | 41.2 | 7 | 190 | 0 | 13 | 16.0 | 8.7 | 8.7 |
| SL13-138 | D-36 | F-12 | 76 | 16 | 41.9 | 7 | 190 | 0 | 13 | 15.9 | 8.6 | 8.6 |

40 SL13DFB2 - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Hook block weight 7t
- Derrick ballast 0t
- Central ballast 0t
- Derrick radius 11m
- Derrick ballast radius 15m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | | | WAB-TAB18100409-00 |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL13-102 | D-36 | F-12 | 70 | 11 | 43.6 | 7.0 | 190 | 0 | 15 | 17.6 | 11.4 | 8.9 |
| SL13-105 | D-36 | F-12 | 71 | 11 | 42.7 | 7.0 | 190 | 0 | 15 | 17.5 | 10.9 | 8.9 |
| SL13-108 | D-36 | F-12 | 72 | 11 | 41.7 | 7.0 | 190 | 0 | 15 | 17.3 | 10.6 | 8.9 |
| SL13-111 | D-36 | F-12 | 73 | 11 | 40.6 | 7.0 | 190 | 0 | 15 | 17.0 | 10.2 | 8.9 |
| SL13-114 | D-36 | F-12 | 73 | 11 | 41.5 | 7.0 | 190 | 0 | 15 | 16.8 | 10.0 | 8.9 |
| SL13-117 | D-36 | F-12 | 74 | 11 | 40.2 | 7.0 | 190 | 0 | 15 | 16.7 | 9.6 | 8.9 |
| SL13-120 | D-36 | F-12 | 74 | 11 | 41.1 | 7.0 | 190 | 0 | 15 | 16.7 | 9.3 | 8.9 |
| SL13-123 | D-36 | F-12 | 75 | 11 | 39.6 | 7.0 | 190 | 0 | 15 | 16.8 | 8.9 | 8.9 |
| SL13-126 | D-36 | F-12 | 75 | 11 | 40.4 | 7.0 | 190 | 0 | 15 | 16.5 | 8.7 | 8.7 |
| SL13-129 | D-36 | F-12 | 76 | 11 | 38.8 | 7.0 | 190 | 0 | 15 | 16.4 | 8.4 | 8.4 |
| SL13-132 | D-36 | F-12 | 76 | 11 | 39.5 | 7.0 | 190 | 0 | 15 | 16.3 | 8.2 | 8.2 |
| SL13-135 | D-36 | F-12 | 76 | 11 | 40.3 | 7.0 | 190 | 0 | 15 | 15.8 | 7.9 | 7.9 |
| SL13-138 | D-36 | F-12 | 76 | 11 | 41.0 | 7.0 | 190 | 0 | 15 | 15.7 | 7.8 | 7.8 |
| SL13-141 | D-36 | F-12 | 77 | 11 | 39.1 | 7.0 | 190 | 0 | 15 | 15.7 | 7.5 | 7.5 |
| SL13-144 | D-36 | F-12 | 77 | 11 | 39.8 | 7.0 | 190 | 0 | 15 | 15.6 | 7.3 | 7.3 |
| SL13-147 | D-36 | F-12 | 77 | 11 | 40.5 | 7.0 | 190 | 0 | 15 | 15.2 | 7.0 | 7.0 |
| SL13-150 | D-36 | F-12 | 77 | 11 | 41.1 | 7.0 | 190 | 0 | 15 | 14.9 | 6.9 | 6.9 |
| SL13-153 | D-36 | F-12 | 78 | 11 | 39.0 | 7.0 | 190 | 0 | 15 | 15.1 | 6.6 | 6.6 |
| SL13-156 | D-36 | F-12 | 78 | 11 | 39.6 | 7.0 | 190 | 0 | 15 | 14.9 | 6.4 | 6.4 |
| SL13-102 | D-36 | F-12 | 71 | 16 | 42.7 | 7.0 | 190 | 0 | 15 | 17.6 | 11.3 | 8.9 |

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| Permissible wind speeds | | | | | | | | | | WAB-TAB18100409-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL13-105 | D-36 | F-12 | 71 | 16 | 43.7 | 7.0 | 190 | 0 | 15 | 17.5 | 10.9 | 8.9 |
| SL13-108 | D-36 | F-12 | 72 | 16 | 42.7 | 7.0 | 190 | 0 | 15 | 17.2 | 10.6 | 8.9 |
| SL13-111 | D-36 | F-12 | 72 | 16 | 43.6 | 7.0 | 190 | 0 | 15 | 17.0 | 10.2 | 8.9 |
| SL13-114 | D-36 | F-12 | 73 | 16 | 42.4 | 7.0 | 190 | 0 | 15 | 16.9 | 9.9 | 8.9 |
| SL13-117 | D-36 | F-12 | 74 | 16 | 41.2 | 7.0 | 190 | 0 | 15 | 16.7 | 9.6 | 8.9 |
| SL13-120 | D-36 | F-12 | 75 | 16 | 39.8 | 7.0 | 190 | 0 | 15 | 16.8 | 9.3 | 8.9 |
| SL13-123 | D-36 | F-12 | 75 | 16 | 40.6 | 7.0 | 190 | 0 | 15 | 16.8 | 8.9 | 8.9 |
| SL13-126 | D-36 | F-12 | 75 | 16 | 41.4 | 7.0 | 190 | 0 | 15 | 16.4 | 8.7 | 8.7 |
| SL13-129 | D-36 | F-12 | 76 | 16 | 39.8 | 7.0 | 190 | 0 | 15 | 16.4 | 8.4 | 8.4 |
| SL13-132 | D-36 | F-12 | 76 | 16 | 40.5 | 7.0 | 190 | 0 | 15 | 16.2 | 8.2 | 8.2 |
| SL13-135 | D-36 | F-12 | 77 | 16 | 38.7 | 7.0 | 190 | 0 | 15 | 15.8 | 7.9 | 7.9 |
| SL13-138 | D-36 | F-12 | 76 | 16 | 41.9 | 7.0 | 190 | 0 | 15 | 15.7 | 7.8 | 7.8 |
| SL13-141 | D-36 | F-12 | 77 | 16 | 40.1 | 7.0 | 190 | 0 | 15 | 15.8 | 7.5 | 7.5 |
| SL13-144 | D-36 | F-12 | 77 | 16 | 40.8 | 7.0 | 190 | 0 | 15 | 15.6 | 7.3 | 7.3 |
| SL13-147 | D-36 | F-12 | 77 | 16 | 41.4 | 7.0 | 190 | 0 | 15 | 15.2 | 7.0 | 7.0 |
| SL13-150 | D-36 | F-12 | 77 | 16 | 42.1 | 7.0 | 190 | 0 | 15 | 14.9 | 6.8 | 6.8 |
| SL13-153 | D-36 | F-12 | 78 | 16 | 40.0 | 7.0 | 190 | 0 | 15 | 15.2 | 6.6 | 6.6 |
| SL13-156 | D-36 | F-12 | 78 | 16 | 40.6 | 7.0 | 190 | 0 | 15 | 14.9 | 6.4 | 6.4 |

41 SL14DB - system, hook block weight 7t



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.



Note

- Hook block weight 7t
- Derrick ballast 0t
- Central ballast 0t
- Derrick radius 13m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | | WAB-TAB18100488-00 | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL14-102 | D-36 | | 72 | | 34.8 | 7 | 190 | 0 | 13 | 19.8 | 12.5 | 8.9 |
| SL14-105 | D-36 | | 73 | | 34.0 | 7 | 190 | 0 | 13 | 19.5 | 12.1 | 8.9 |
| SL14-108 | D-36 | | 73 | | 34.9 | 7 | 190 | 0 | 13 | 19.2 | 11.7 | 8.9 |
| SL14-111 | D-36 | | 74 | | 33.9 | 7 | 190 | 0 | 13 | 18.8 | 11.4 | 8.9 |
| SL14-114 | D-36 | | 74 | | 34.7 | 7 | 190 | 0 | 13 | 18.7 | 11.1 | 8.9 |
| SL14-117 | D-36 | | 74 | | 35.5 | 7 | 190 | 0 | 13 | 18.3 | 10.7 | 8.9 |
| SL14-120 | D-36 | | 75 | | 34.4 | 7 | 190 | 0 | 13 | 18.2 | 10.4 | 8.9 |
| SL14-123 | D-36 | | 75 | | 35.1 | 7 | 190 | 0 | 13 | 17.9 | 10.1 | 8.9 |
| SL14-126 | D-36 | | 75 | | 35.9 | 7 | 190 | 0 | 13 | 17.5 | 9.9 | 8.9 |
| SL14-129 | D-36 | | 76 | | 34.5 | 7 | 190 | 0 | 13 | 17.7 | 9.6 | 8.9 |
| SL14-132 | D-36 | | 76 | | 35.2 | 7 | 190 | 0 | 13 | 17.3 | 9.4 | 8.9 |
| SL14-135 | D-36 | | 76 | | 36.0 | 7 | 190 | 0 | 13 | 16.8 | 9.1 | 8.9 |
| SL14-138 | D-36 | | 76 | | 36.7 | 7 | 190 | 0 | 13 | 16.7 | 9.0 | 8.9 |

42 SL14DB2 - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

► Make sure that all prerequisites from the wind speed chart are adhered to.

► Make sure that all data from the wind speed chart are adhered to.



Note

- Hook block weight 7t
- Derrick ballast 0t
- Central ballast 0t
- Derrick radius 11m
- Derrick ballast radius 15m
- Number of slewing gears: 2

| Permissible wind speeds | | | | | | | | | WAB-TAB18100411-00 | | | |
|-------------------------|------|--------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|-----------------------|-----------------------|-----------------------|
| H A | D | H I | W H A | W H I | R A D | H K F L | O W B | Z B L | D R A D | V W M A X | V W A B F | V W R S T |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [t] | [m] | [m/s] | [m/s] | [m/s] |
| SL14-102 | D-36 | | 72 | | 34.8 | 7 | 190 | 0 | 15 | 19.8 | 12.5 | 8.9 |
| SL14-105 | D-36 | | 73 | | 34.0 | 7 | 190 | 0 | 15 | 19.5 | 12.1 | 8.9 |
| SL14-108 | D-36 | | 73 | | 34.9 | 7 | 190 | 0 | 15 | 19.2 | 11.7 | 8.9 |
| SL14-111 | D-36 | | 74 | | 33.9 | 7 | 190 | 0 | 15 | 19.0 | 11.4 | 8.9 |
| SL14-114 | D-36 | | 74 | | 34.7 | 7 | 190 | 0 | 15 | 18.7 | 11.1 | 8.9 |
| SL14-117 | D-36 | | 74 | | 35.5 | 7 | 190 | 0 | 15 | 18.3 | 10.8 | 8.9 |
| SL14-120 | D-36 | | 75 | | 34.4 | 7 | 190 | 0 | 15 | 18.4 | 10.4 | 8.9 |
| SL14-123 | D-36 | | 76 | | 33.1 | 7 | 190 | 0 | 15 | 18.2 | 10.1 | 8.9 |
| SL14-126 | D-36 | | 76 | | 33.8 | 7 | 190 | 0 | 15 | 17.9 | 9.9 | 8.9 |
| SL14-129 | D-36 | | 76 | | 34.5 | 7 | 190 | 0 | 15 | 17.6 | 9.6 | 8.9 |
| SL14-132 | D-36 | | 76 | | 35.2 | 7 | 190 | 0 | 15 | 17.3 | 9.4 | 8.9 |
| SL14-135 | D-36 | | 77 | | 33.7 | 7 | 190 | 0 | 15 | 17.2 | 9.1 | 8.9 |
| SL14-138 | D-36 | | 77 | | 34.3 | 7 | 190 | 0 | 15 | 16.8 | 9.0 | 8.9 |
| SL14-141 | D-36 | | 77 | | 35.0 | 7 | 190 | 0 | 15 | 16.9 | 8.8 | 8.8 |
| SL14-144 | D-36 | | 77 | | 35.7 | 7 | 190 | 0 | 15 | 16.5 | 8.6 | 8.6 |
| SL14-147 | D-36 | | 78 | | 33.9 | 7 | 190 | 0 | 15 | 16.5 | 8.3 | 8.3 |
| SL14-150 | D-36 | | 78 | | 34.5 | 7 | 190 | 0 | 15 | 16.0 | 8.2 | 8.2 |
| SL14-153 | D-36 | | 78 | | 35.1 | 7 | 190 | 0 | 15 | 16.1 | 8.0 | 8.0 |
| SL14-156 | D-36 | | 78 | | 35.7 | 7 | 190 | 0 | 15 | 15.8 | 7.8 | 7.8 |

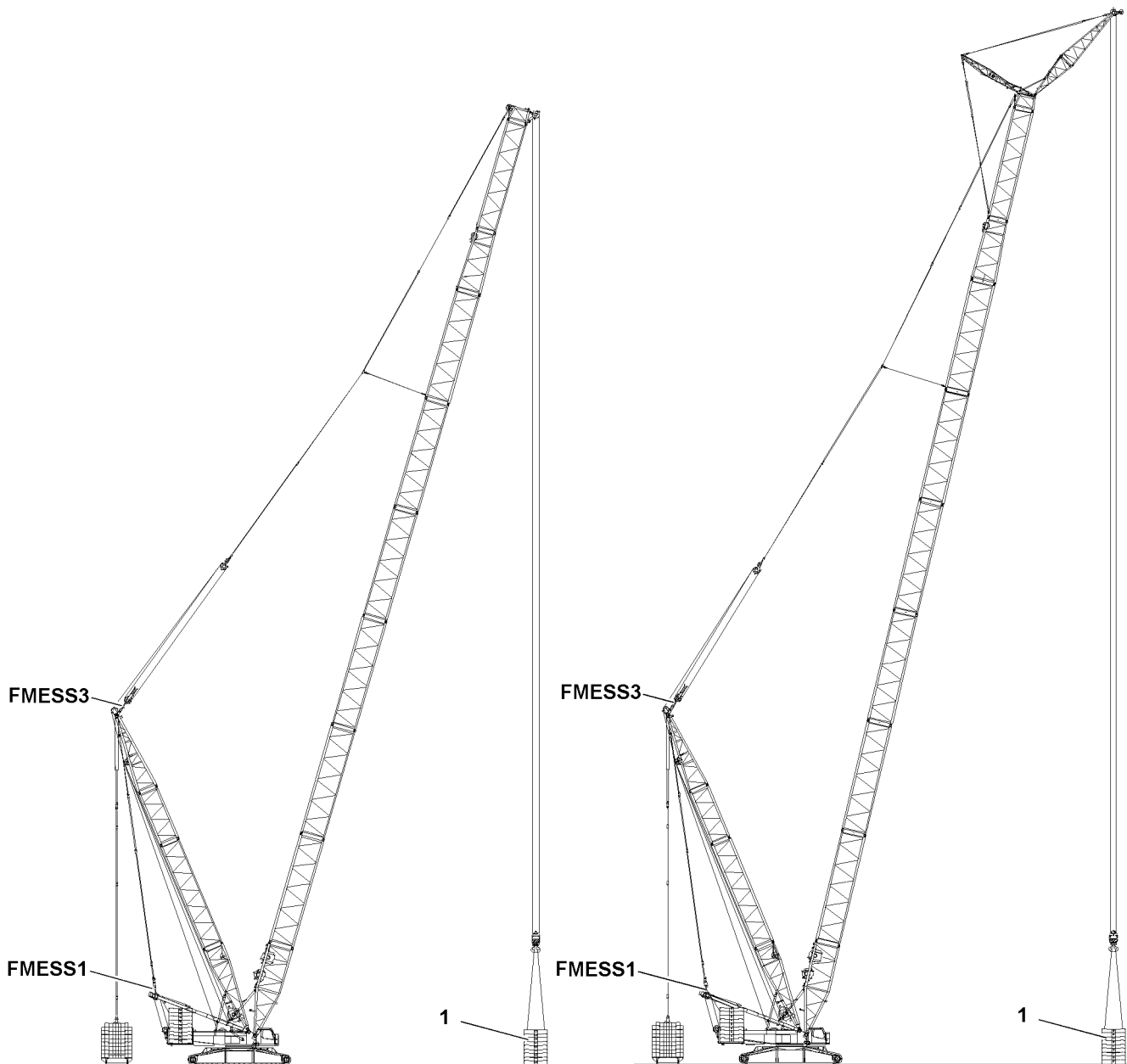


Fig.115579: fastened load 1 positioned on the ground (illustration is an example)

LWE/18181-04-02/en

1 Permissible wind speeds for fastened load positioned on the ground



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- ▶ Make sure that all prerequisites from the wind speed chart are adhered to.
- ▶ Make sure that all data from the wind speed chart are adhered to.

Make sure that the following prerequisites are met:

- At least the specified load - according to the respective chart - is positioned on the ground.
 - The load is positioned on level and load bearing ground.
 - The load is positioned vertically under the hook block.
 - The hoist rope is reeved in according to the positioned load, in addition to the hook block weight.
 - The derrick ballast is positioned on level and load bearing ground.
 - At least the derrick ballast according to column DBAL2 is ballasted.
- ▶ Fasten the positioned load on the hook block.



WARNING

Incorrect forces on the test points!

Toppling crane.

Death, severe injuries, property damage.

- ▶ Adhere to the specified angle settings in the wind speed charts.
- ▶ Do not lift the positioned load off the ground.
- ▶ Do not lift the derrick ballast off the ground.

- ▶ Pull the specified derrick ballast according to column DBAL1 with the derrick ballast cylinder.

To reach the specified test point forces [1] to [3]:

- ▶ Pull the specified load according to chart.

2 SL13DFB - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- ▶ Make sure that all prerequisites from the wind speed chart are adhered to.
- ▶ Make sure that all data from the wind speed chart are adhered to.

| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | WAB-TAB18100487-00 | | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL13-102 | D-36 | F-12 | 74 | 11 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.5 | 1717 | 0 | 553 |
| SL13-105 | D-36 | F-12 | 75 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.0 | 1699 | 0 | 563 |
| SL13-108 | D-36 | F-12 | 75 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.0 | 1764 | 0 | 590 |
| SL13-111 | D-36 | F-12 | 75 | 11 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.4 | 1850 | 0 | 624 |
| SL13-114 | D-36 | F-12 | 76 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.3 | 1786 | 0 | 621 |
| SL13-117 | D-36 | F-12 | 76 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.1 | 1871 | 0 | 656 |
| SL13-120 | D-36 | F-12 | 77 | 11 | 34 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.7 | 1850 | 0 | 665 |
| SL13-123 | D-36 | F-12 | 77 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.8 | 1936 | 0 | 699 |
| SL13-126 | D-36 | F-12 | 77 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.4 | 1963 | 0 | 712 |
| SL13-129 | D-36 | F-12 | 77 | 11 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.0 | 2051 | 0 | 746 |
| SL13-132 | D-36 | F-12 | 78 | 11 | 34 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.7 | 1967 | 0 | 737 |
| SL13-135 | D-36 | F-12 | 78 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.8 | 2048 | 0 | 764 |
| SL13-138 | D-36 | F-12 | 78 | 11 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.4 | 2022 | 0 | 751 |
| SL13-102 | D-36 | F-12 | 74 | 16 | 37 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.5 | 1717 | 0 | 552 |
| SL13-105 | D-36 | F-12 | 75 | 16 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.2 | 1700 | 0 | 563 |
| SL13-108 | D-36 | F-12 | 75 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.0 | 1764 | 0 | 590 |
| SL13-111 | D-36 | F-12 | 76 | 16 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.4 | 1735 | 0 | 598 |
| SL13-114 | D-36 | F-12 | 76 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.4 | 1785 | 0 | 621 |
| SL13-117 | D-36 | F-12 | 76 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.1 | 1869 | 0 | 655 |
| SL13-120 | D-36 | F-12 | 77 | 16 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.8 | 1849 | 0 | 664 |
| SL13-123 | D-36 | F-12 | 77 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.8 | 1934 | 0 | 698 |
| SL13-126 | D-36 | F-12 | 77 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.4 | 1979 | 0 | 719 |
| SL13-129 | D-36 | F-12 | 77 | 16 | 37 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.9 | 2067 | 0 | 752 |

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| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | WAB-TAB18100487-00 | | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL13-132 | D-36 | F-12 | 78 | 16 | 35 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.9 | 1984 | 0 | 743 |
| SL13-135 | D-36 | F-12 | 78 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.8 | 2065 | 0 | 770 |
| SL13-138 | D-36 | F-12 | 78 | 16 | 36 | 190 | 0.0 | 13 | 10.0 | 20.0 | 20.6 | 2039 | 0 | 757 |

3 SL13DFB2 - system



WARNING

Toppling crane in case of impermissible set up configuration!

Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.

| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | WAB-TAB18100410-00 | | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL13-102 | D-36 | F-12 | 74 | 11 | 36.1 | 190 | 0 | 15 | 10.0 | 20.0 | 23.5 | 1736 | 0 | 586 |
| SL13-105 | D-36 | F-12 | 75 | 11 | 35.0 | 190 | 0 | 15 | 10.0 | 20.0 | 23.4 | 1718 | 0 | 602 |
| SL13-108 | D-36 | F-12 | 75 | 11 | 35.7 | 190 | 0 | 15 | 10.0 | 20.0 | 22.9 | 1783 | 0 | 632 |
| SL13-111 | D-36 | F-12 | 76 | 11 | 34.4 | 190 | 0 | 15 | 10.0 | 20.0 | 22.7 | 1756 | 0 | 644 |
| SL13-114 | D-36 | F-12 | 76 | 11 | 35.2 | 190 | 0 | 15 | 10.0 | 20.0 | 22.6 | 1789 | 0 | 660 |
| SL13-117 | D-36 | F-12 | 76 | 11 | 35.9 | 190 | 0 | 15 | 10.0 | 20.0 | 22.1 | 1873 | 0 | 696 |
| SL13-120 | D-36 | F-12 | 77 | 11 | 34.4 | 190 | 0 | 15 | 10.0 | 20.0 | 22.0 | 1854 | 0 | 709 |
| SL13-123 | D-36 | F-12 | 77 | 11 | 35.1 | 190 | 0 | 15 | 10.0 | 20.0 | 21.8 | 1939 | 0 | 746 |
| SL13-126 | D-36 | F-12 | 77 | 11 | 35.7 | 190 | 0 | 15 | 10.0 | 20.0 | 21.4 | 1985 | 0 | 769 |
| SL13-129 | D-36 | F-12 | 78 | 11 | 34.0 | 190 | 0 | 15 | 10.0 | 20.0 | 21.1 | 1925 | 0 | 769 |
| SL13-132 | D-36 | F-12 | 78 | 11 | 34.6 | 190 | 0 | 15 | 10.0 | 20.0 | 21.0 | 1971 | 0 | 792 |
| SL13-135 | D-36 | F-12 | 78 | 11 | 35.3 | 190 | 0 | 15 | 10.0 | 20.0 | 20.8 | 2053 | 0 | 824 |
| SL13-138 | D-36 | F-12 | 78 | 11 | 35.9 | 190 | 0 | 15 | 10.0 | 20.0 | 20.6 | 2051 | 0 | 822 |
| SL13-141 | D-36 | F-12 | 78 | 11 | 36.5 | 190 | 0 | 15 | 20.0 | 30.0 | 20.2 | 1978 | 0 | 862 |
| SL13-144 | D-36 | F-12 | 79 | 11 | 34.5 | 190 | 0 | 15 | 10.0 | 20.0 | 19.8 | 2030 | 0 | 838 |
| SL13-147 | D-36 | F-12 | 79 | 11 | 35.0 | 190 | 0 | 15 | 10.0 | 20.0 | 19.7 | 2082 | 0 | 853 |
| SL13-150 | D-36 | F-12 | 79 | 11 | 35.6 | 190 | 0 | 15 | 10.0 | 20.0 | 19.6 | 2105 | 0 | 850 |
| SL13-153 | D-36 | F-12 | 79 | 11 | 36.2 | 190 | 0 | 15 | 20.0 | 30.0 | 19.5 | 2027 | 0 | 890 |
| SL13-156 | D-36 | F-12 | 79 | 11 | 36.8 | 190 | 0 | 15 | 30.0 | 40.0 | 19.1 | 1920 | 0 | 907 |
| SL13-102 | D-36 | F-12 | 75 | 16 | 35.1 | 190 | 0 | 15 | 10.0 | 20.0 | 23.5 | 1653 | 0 | 571 |
| SL13-105 | D-36 | F-12 | 75 | 16 | 35.9 | 190 | 0 | 15 | 10.0 | 20.0 | 23.4 | 1719 | 0 | 602 |
| SL13-108 | D-36 | F-12 | 75 | 16 | 36.7 | 190 | 0 | 15 | 10.0 | 20.0 | 22.9 | 1783 | 0 | 631 |
| SL13-111 | D-36 | F-12 | 76 | 16 | 35.4 | 190 | 0 | 15 | 10.0 | 20.0 | 22.8 | 1756 | 0 | 644 |
| SL13-114 | D-36 | F-12 | 76 | 16 | 36.1 | 190 | 0 | 15 | 10.0 | 20.0 | 22.6 | 1805 | 0 | 667 |

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| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | | WAB-TAB18100410-00 | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL13-117 | D-36 | F-12 | 76 | 16 | 36.9 | 190 | 0 | 15 | 10.0 | 20.0 | 22.0 | 1890 | 0 | 702 |
| SL13-120 | D-36 | F-12 | 77 | 16 | 35.4 | 190 | 0 | 15 | 10.0 | 20.0 | 22.2 | 1870 | 0 | 716 |
| SL13-123 | D-36 | F-12 | 77 | 16 | 36.0 | 190 | 0 | 15 | 10.0 | 20.0 | 21.8 | 1955 | 0 | 753 |
| SL13-126 | D-36 | F-12 | 77 | 16 | 36.7 | 190 | 0 | 15 | 10.0 | 20.0 | 21.4 | 2001 | 0 | 775 |
| SL13-129 | D-36 | F-12 | 78 | 16 | 35.0 | 190 | 0 | 15 | 30.0 | 40.0 | 21.0 | 1612 | 0 | 774 |
| SL13-132 | D-36 | F-12 | 78 | 16 | 35.6 | 190 | 0 | 15 | 10.0 | 20.0 | 21.2 | 1987 | 0 | 798 |
| SL13-135 | D-36 | F-12 | 78 | 16 | 36.2 | 190 | 0 | 15 | 10.0 | 20.0 | 20.8 | 2069 | 0 | 831 |
| SL13-138 | D-36 | F-12 | 78 | 16 | 36.9 | 190 | 0 | 15 | 10.0 | 20.0 | 20.6 | 2067 | 0 | 828 |
| SL13-141 | D-36 | F-12 | 78 | 16 | 37.5 | 190 | 0 | 15 | 20.0 | 30.0 | 20.1 | 1994 | 0 | 869 |
| SL13-144 | D-36 | F-12 | 79 | 16 | 35.5 | 190 | 0 | 15 | 10.0 | 20.0 | 19.9 | 2025 | 0 | 836 |
| SL13-147 | D-36 | F-12 | 79 | 16 | 36.0 | 190 | 0 | 15 | 10.0 | 20.0 | 19.9 | 2098 | 0 | 860 |
| SL13-150 | D-36 | F-12 | 79 | 16 | 36.6 | 190 | 0 | 15 | 10.0 | 20.0 | 19.8 | 2121 | 0 | 857 |
| SL13-153 | D-36 | F-12 | 79 | 16 | 37.2 | 190 | 0 | 15 | 20.0 | 30.0 | 19.5 | 2043 | 0 | 897 |
| SL13-156 | D-36 | F-12 | 79 | 16 | 37.8 | 190 | 0 | 15 | 30.0 | 40.0 | 19.1 | 1936 | 0 | 914 |

4 SL14DB - system



WARNING

Toppling crane in case of impermissible set up configuration!
Death, severe injuries, property damage.

- ▶ Make sure that all prerequisites from the wind speed chart are adhered to.
- ▶ Make sure that all data from the wind speed chart are adhered to.

| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | WAB-TAB18100489-00 | | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL14-102 | D-36 | | 74 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 25.0 | 1658 | 0 | 534 |
| SL14-105 | D-36 | | 75 | | 30 | 190 | 0.0 | 13 | 10.0 | 20.0 | 24.3 | 1646 | 0 | 545 |
| SL14-108 | D-36 | | 75 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 24.4 | 1713 | 0 | 573 |
| SL14-111 | D-36 | | 75 | | 32 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.7 | 1775 | 0 | 599 |
| SL14-114 | D-36 | | 76 | | 30 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.4 | 1715 | 0 | 597 |
| SL14-117 | D-36 | | 76 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 23.3 | 1802 | 0 | 632 |
| SL14-120 | D-36 | | 76 | | 32 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.8 | 1915 | 0 | 675 |
| SL14-123 | D-36 | | 77 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.7 | 1843 | 0 | 667 |
| SL14-126 | D-36 | | 77 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.6 | 1890 | 0 | 687 |
| SL14-129 | D-36 | | 77 | | 32 | 190 | 0.0 | 13 | 10.0 | 20.0 | 22.0 | 1978 | 0 | 720 |
| SL14-132 | D-36 | | 78 | | 30 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.7 | 1900 | 0 | 713 |
| SL14-135 | D-36 | | 78 | | 31 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.5 | 1948 | 0 | 727 |
| SL14-138 | D-36 | | 78 | | 32 | 190 | 0.0 | 13 | 10.0 | 20.0 | 21.3 | 1944 | 0 | 722 |

5 SL14DB2 - system



WARNING

Toppling crane in case of impermissible set up configuration!
Death, severe injuries, property damage.

- Make sure that all prerequisites from the wind speed chart are adhered to.
- Make sure that all data from the wind speed chart are adhered to.

| Permissible wind speeds with fastened load positioned on the ground | | | | | | | | | | | WAB-TAB18100412-00 | | | |
|---|------|--------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Load positioned on the ground: minimum 35.0t | | | | | | | | | | | | | | |
| Reeve in the hoist rope according to the positioned load of 35.0t, in addition to the hook block weight. | | | | | | | | | | | | | | |
| Ballast the derrick ballast according to column DBAL2 and set it on the ground. | | | | | | | | | | | | | | |
| To reach the test point forces [1] to [3] specified in the chart, a load of 10.0t must be pulled. | | | | | | | | | | | | | | |
| The pulled load of 10.0t is combined from the hook block weight and the load portion of the positioned load to be lifted. | | | | | | | | | | | | | | |
| Number of slewing gears: 2 | | | | | | | | | | | | | | |
| H A | D | H I | W H A | W H I | R A D | O W B | Z B L | D R A D | D B A L 1 | D B A L 2 | V W M A X | F M E S [1] | F M E S [2] | F M E S [3] |
| [m] | [m] | [m] | [°] | [°] | [m] | [t] | [t] | [m] | [t] | [t] | [m/s] | [kN] | [kN] | [kN] |
| SL14-102 | D-36 | | 74 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 25.1 | 1701 | 0 | 575 |
| SL14-105 | D-36 | | 75 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 24.8 | 1665 | 0 | 583 |
| SL14-108 | D-36 | | 75 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 24.4 | 1733 | 0 | 614 |
| SL14-111 | D-36 | | 76 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 24.1 | 1711 | 0 | 628 |
| SL14-114 | D-36 | | 76 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 23.9 | 1736 | 0 | 642 |
| SL14-117 | D-36 | | 76 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 23.4 | 1823 | 0 | 678 |
| SL14-120 | D-36 | | 77 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 23.3 | 1808 | 0 | 692 |
| SL14-123 | D-36 | | 77 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 23.0 | 1895 | 0 | 730 |
| SL14-126 | D-36 | | 77 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 22.6 | 1912 | 0 | 741 |
| SL14-129 | D-36 | | 78 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 22.1 | 1857 | 0 | 743 |
| SL14-132 | D-36 | | 78 | | 30 | 190 | 0.0 | 15 | 10.0 | 20.0 | 22.1 | 1924 | 0 | 773 |
| SL14-135 | D-36 | | 78 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 21.8 | 1974 | 0 | 793 |
| SL14-138 | D-36 | | 78 | | 32 | 190 | 0.0 | 15 | 10.0 | 20.0 | 21.7 | 1973 | 0 | 790 |
| SL14-141 | D-36 | | 78 | | 32 | 190 | 0.0 | 15 | 10.0 | 20.0 | 21.2 | 2065 | 0 | 832 |
| SL14-144 | D-36 | | 78 | | 33 | 190 | 0.0 | 15 | 20.0 | 30.0 | 20.7 | 1958 | 0 | 849 |
| SL14-147 | D-36 | | 79 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 20.7 | 2031 | 0 | 832 |
| SL14-150 | D-36 | | 79 | | 31 | 190 | 0.0 | 15 | 10.0 | 20.0 | 20.3 | 2017 | 0 | 814 |
| SL14-153 | D-36 | | 79 | | 32 | 190 | 0.0 | 15 | 20.0 | 30.0 | 20.3 | 1939 | 0 | 854 |
| SL14-156 | D-36 | | 79 | | 33 | 190 | 0.0 | 15 | 20.0 | 30.0 | 20.0 | 1996 | 0 | 872 |

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