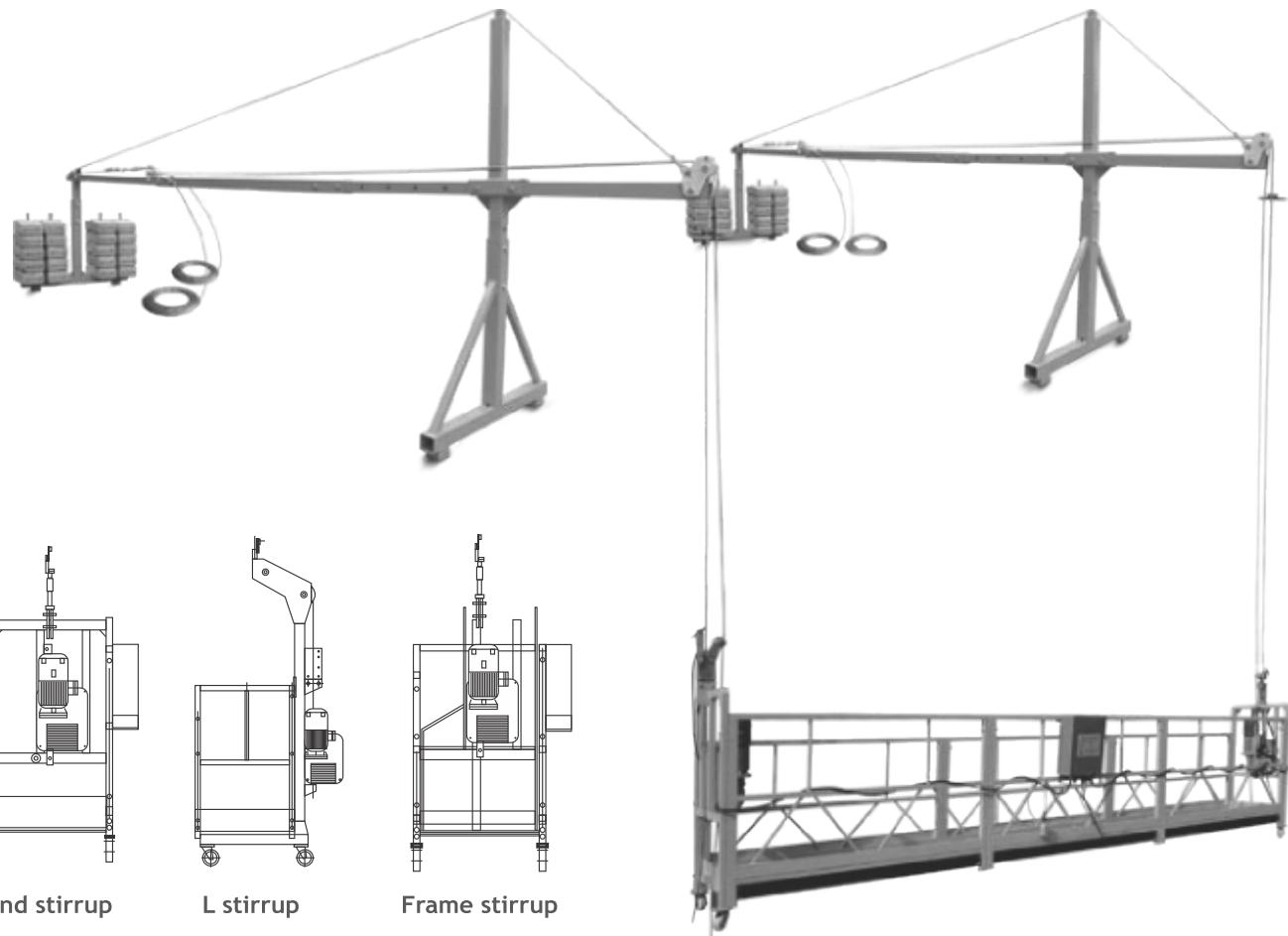




Rope Suspended Platform

RSP - 800 | RSP - 1000



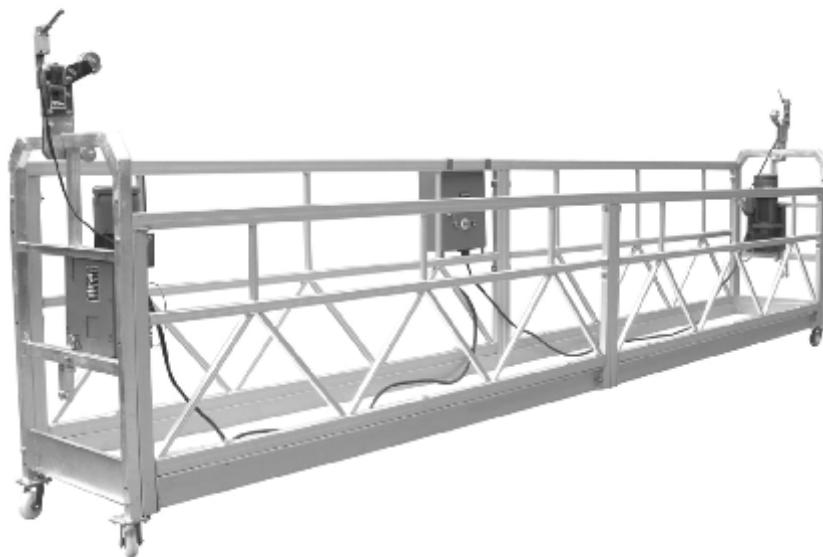
RSP Temporarily Suspended Platform

It takes men and materials up to the ideal working height to get the job done (Painting, welding, chimneys maintenance, bridge construction etc.) correctly and efficiently done.

- ✿ Time saving and cost saving alternative to tubular scaffolding
- ✿ Unlimited working height
- ✿ Quick and easy to assemble and install
- ✿ Light weight and easy to transport

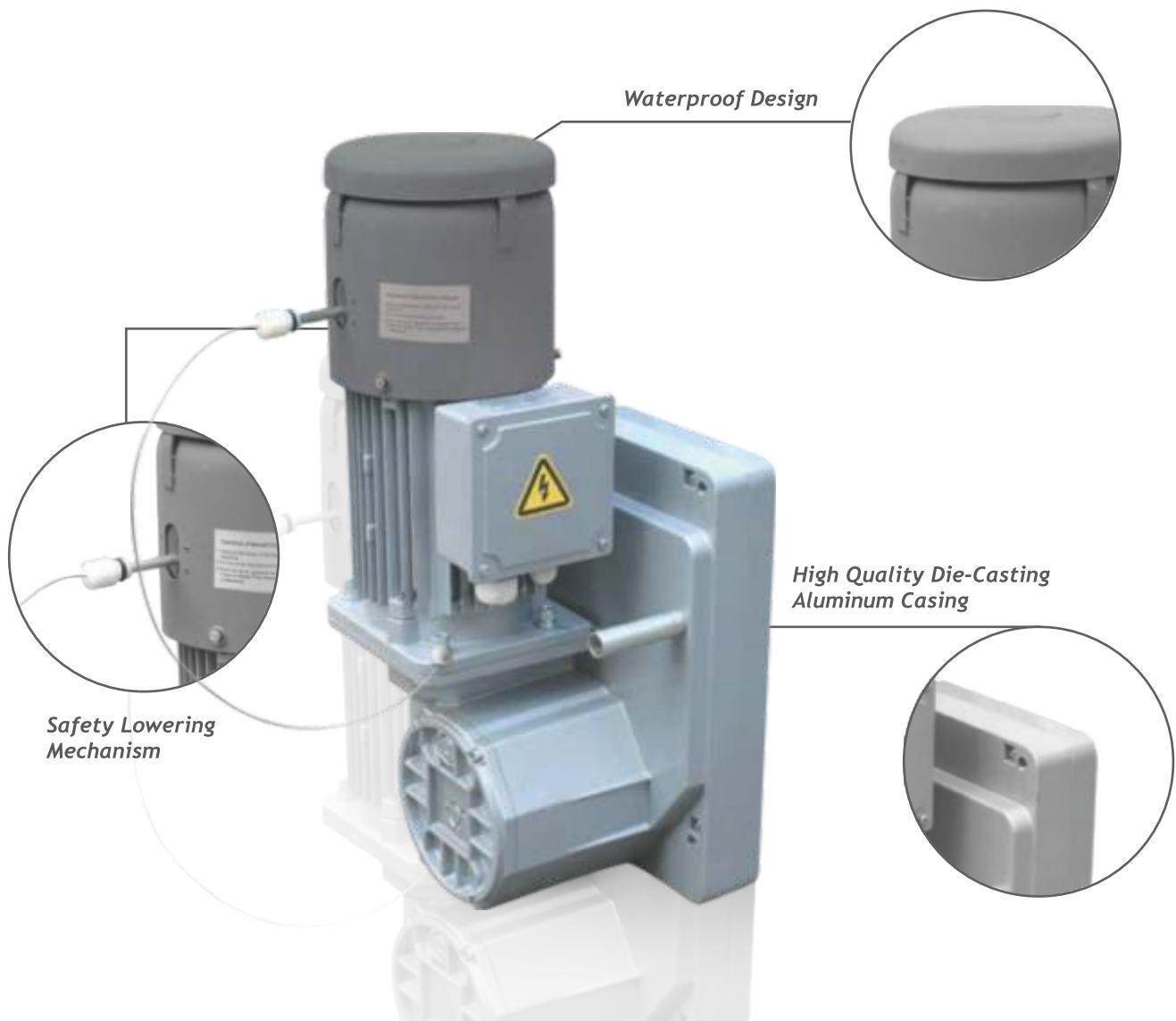
It consists of :

- ✿ Steel platform
- ✿ Motorized traction hoists and controls
- ✿ Steel wire ropes attached to a roof suspension system



Main technical parameters

Item		Model and parameters	
		RSP - 800	RSP - 1000
Rated load		800kg	1000kg
Ascend speed		9~11m/min	9~11m/min
Suspended Platform size (L× W)		(2.5m× 2+1.5+1) × 0.69	(2.5m× 2+1.5+1) × 0.69
Wire rope		4× 31SW+FC-9.1	4× 31SW+FC-10.2
Hoist	Hoist model	LTD80	LTD100
	Rated lifting force	8kN	10kN
	Type	YEJ2-90L-4D	YEJ2-90L-4D
	Power	1.8kW	2.0kW
	Voltage	AC415V	
	Braking torque	15.2 N•m	
Safety lock type		Tilt-proof safety lock	
Suspension mechanism	Height adjustment	1.15m~1.75m	
	Front beam extent	1.1m~1.7m(should reduce the load on the suspended platform when extent is 1.5m or more)	
Machine weight	Suspended platform (including hoist, safety lock, electric control box)	545kg	610kg
	Suspension mechanism	2× 170kg	
	Balance weight	1000kg	1200kg
	Whole machine weight (no-including wire rope and cable)	1885kg	2150kg



LTD Series Hoist

LTD100 / LTD80 / LTD63 / LTD50

- ✿ LTD100, 80, 63 & 50 adopt “a” wire guiding system.
- ✿ The robust and strong die-cast aluminum casing with low dead weight.
- ✿ Gearing and drive sheave made of hardened steel.
- ✿ Motor protection: Protected to IP55 as standard.

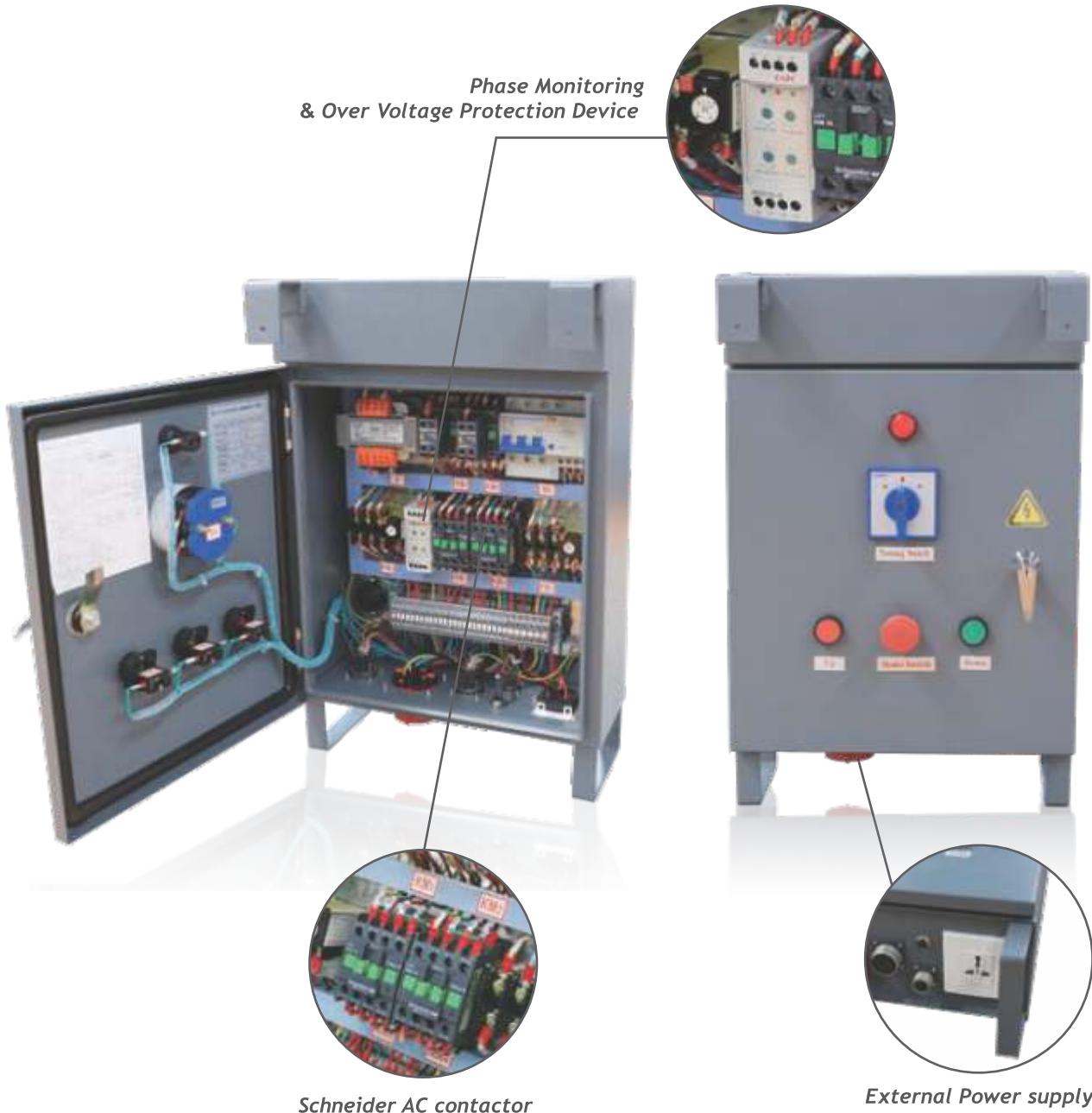
- ✿ Hoist motor is fitted with a thermal overload protection device (Option).
- ✿ Standardized components ensures easy access to all wearing parts.



The main parameters of LTD series hoist

Type	LTD100	LTD80	LTD63	LTD50
Rated Lifting Force	10kN	8kN	6.3kN	5kN
Lifting Speed	8.7m/min	9.0m/min	9.0m/min	9.0m/min
Voltage	380V(415V/220V)	380V(415V/220V)	380V(415V/220V)	380V(415V/220V)
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Rated Power	2.0kw	1.8kw	1.5kw	1.1kw
Dimension	310×250×600mm	310×250×600mm	310×250×590mm	310×250×580mm
Weight	53kg	52kg	50kg	48kg
Braking Torque	15N.m	15N.m	15N.m	15N.m
Rotate Speed	1400r/min	1400r/min	1400r/min	1400r/min
Dia. of Wire Rope	4×31SW+FC-10.2mm	4×31SW+FC-9.1mm	4×31SW+FC-8.3mm	4×31SW+FC-8.3mm

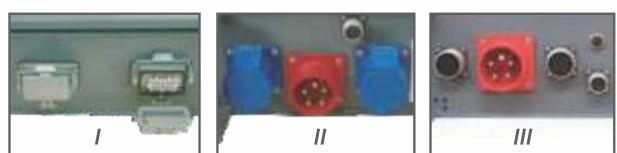
★ Voltage and frequency are available upon request

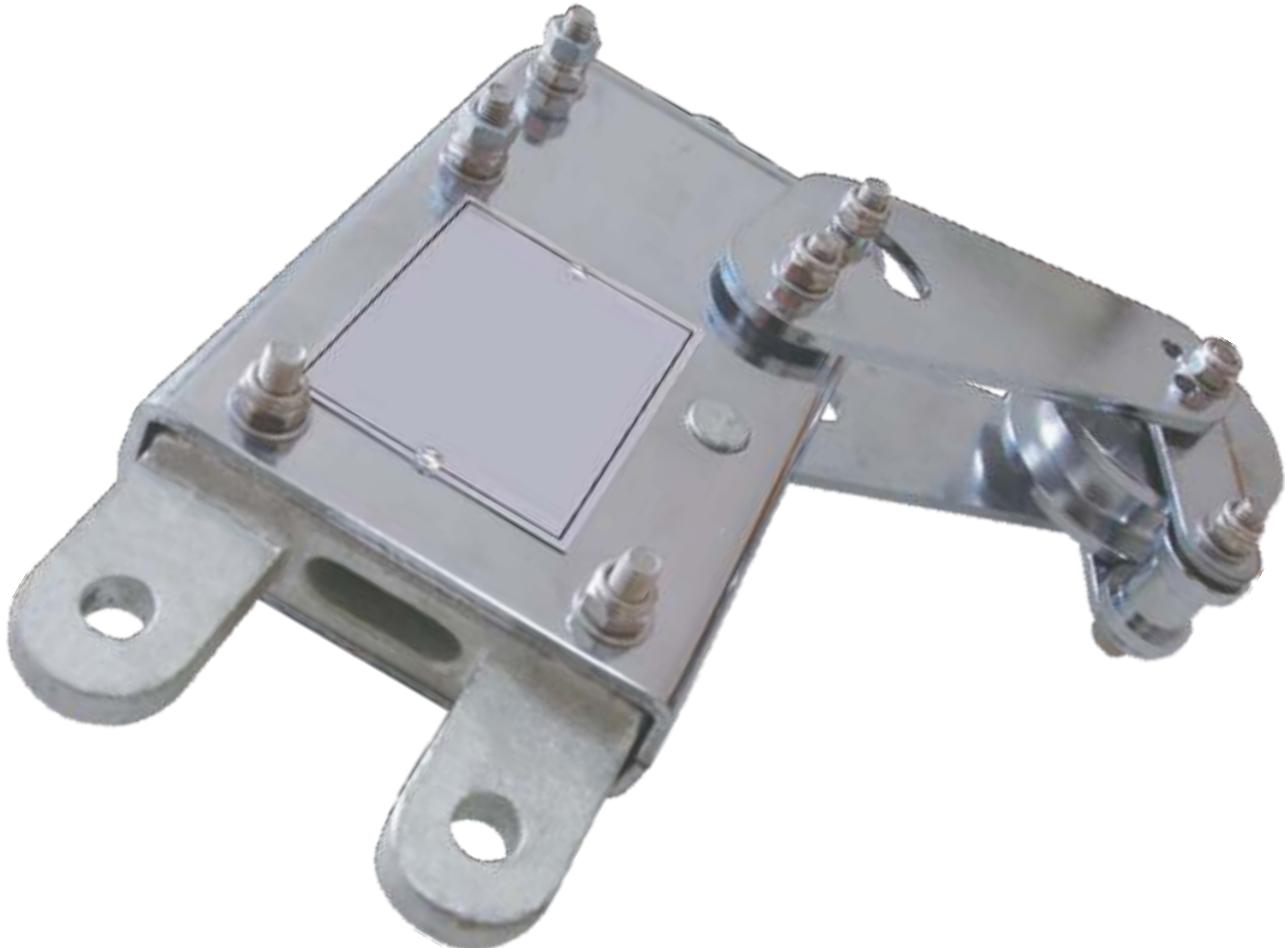


Electrical Control Box

- ⚙ IP55 waterproof Design
- ⚙ First class electrical components
- ⚙ Professional finish of wiring layout
- ⚙ Individually marked wires for easy identification
- ⚙ Low control voltage

Three types of plugs



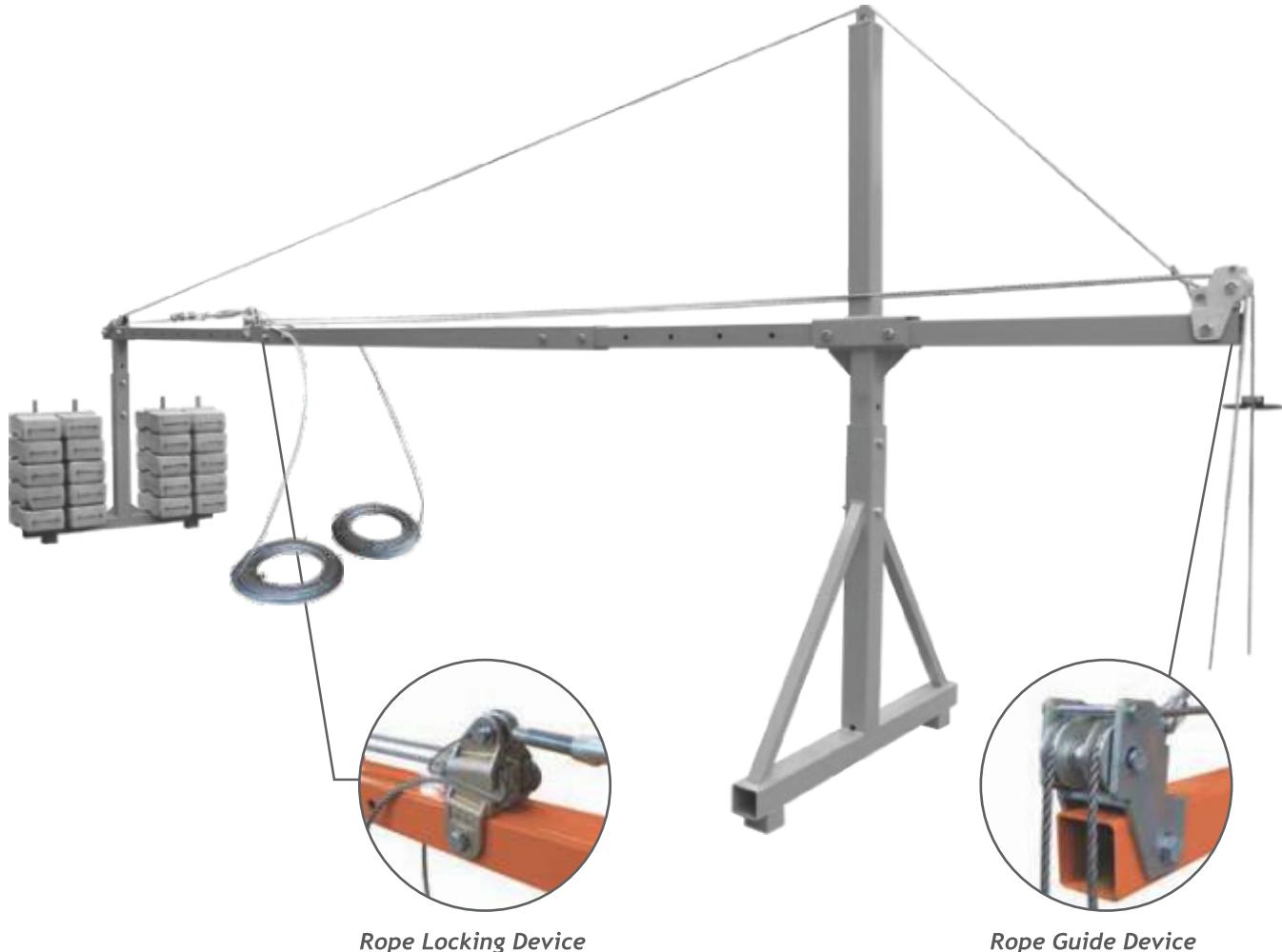


Anti-Tilt Safety Lock (LSF)

- ❖ Safety Standard: EN1808.
- ❖ The anti-Tilt safety lock is automatically tripped when the angle of the rope or the platform exceeds 3-8°.
- ❖ The integrated clamping jaw mechanism holds the rope and immediately stops the movement of the system.
- ❖ It is designed for long platform with end stirrup.

The main parameters of LSF safety lock

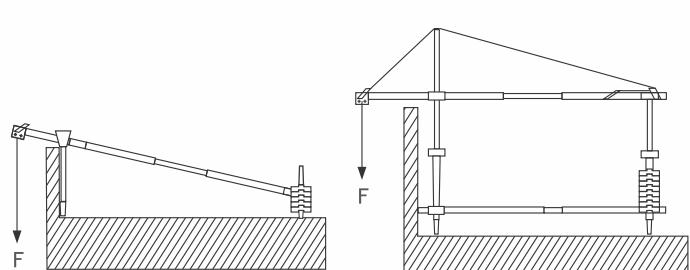
Model	LSF308	LSF309	LSF310
Rated Load	630kg	800kg	1000kg
Wire Rope Diameter	8.3mm	9.1mm	10.2mm
Locking Distance	<100mm	<100mm	<100mm
Cable Locking Angle	3°-8°	3°-8°	3°-8°



The Roof Suspension System

Suspension Jibs

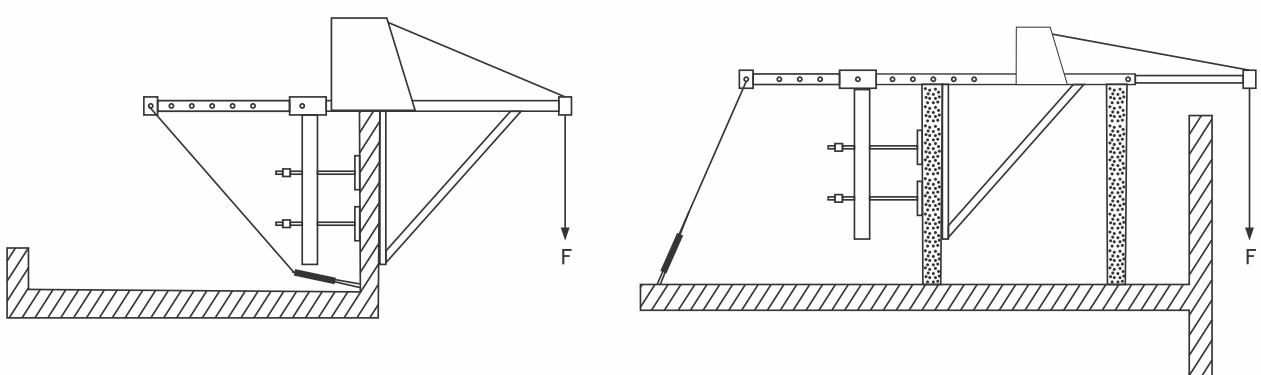
- ❖ Quick and easy to assemble and install
- ❖ Overhang length, height and width of suspension jib can be adjusted, which are suitable for operation on parapet of different heights, complex building roofs and facets.
- ❖ New rope lock design replaced clamps which do not harm the rope
- ❖ Store the excessive wire rope on the suspension jib if the length of wire rope exceeds the working height of suspended platform.





Parapet Clamps

When the parapet is sufficiently strong (reinforced concrete etc), parapet clamps can be directly attached.

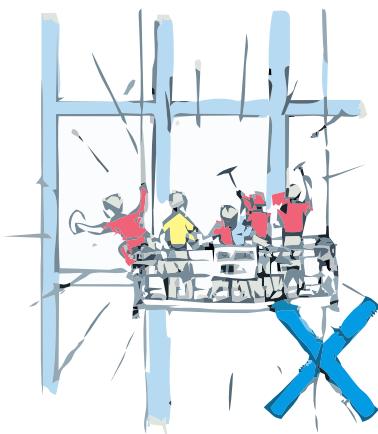


 The special roof suspension system is available upon request.

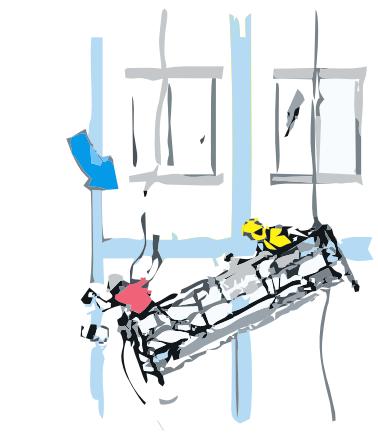


- Safety Lock
- Centrifugal Speed Limiter
- Electromagnetic Brake
- Over Hoist / Top Limit Switch
- Anti-Tilting Device
- Anti-Sway Mechanism
- Overload Device
- Rope Locking Device
- Cable Protection Device
- Phase Monitoring
- Over Voltage Protection Device
- Locking arrangement for counter weights
- Panel board Lock & key
- Safety Lowering Mechanism
- Waterproof Design

LIST OF SAFETY GADGETS / SYSTEMS



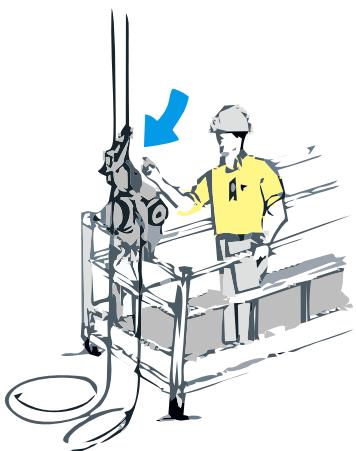
Do Not Over Reach or Overload



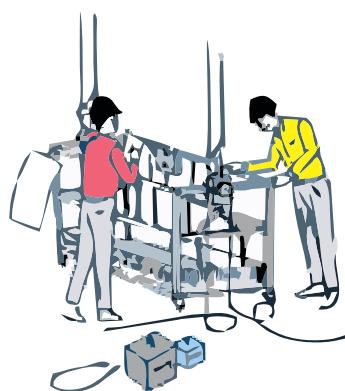
Don't Use Rusty or Damaged Ropes



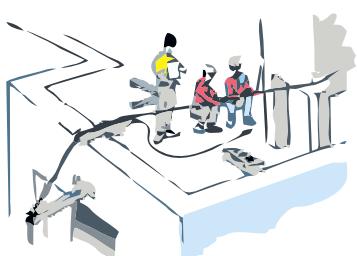
Proper Safety Equipments
Check Safe Working Load
Check No of People Allowed



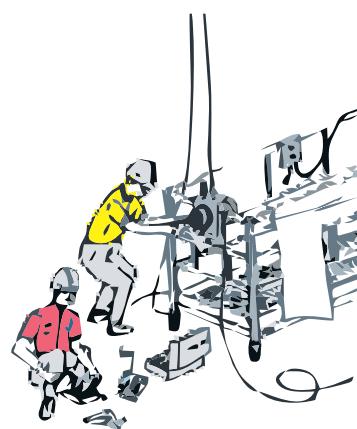
Safety Rope Required



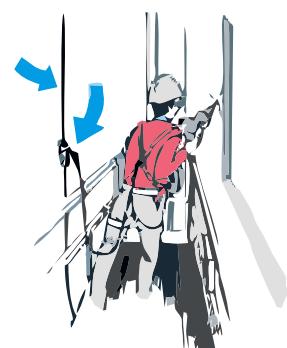
Proper Load Test Required



Proper Supervision Required



Proper Maintenance & Record



Age 18 Years & Above
Proper Training Required

Safety Hints

Engineering

Next Generation Solutions



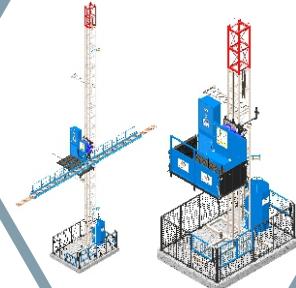
Bar Bending Machine



Passenger & Material Hoist
(Rack & Pinion)



Rack & Pinion Multi Functional Material Hoist



TMT Ring Bending Machine



Ring Bending Machine



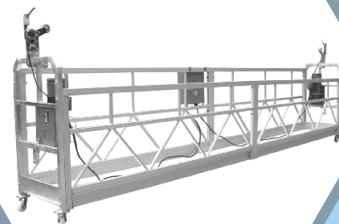
Multi-Functional Tower Hoist
(Rack & Pinion)



Bar Cutting Machine



Rope Suspended Platform



Multi-Functional Tower Hoist
(Wire Rope)



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