

VacuStand VS

Stationary work stands

Setup and application

The work stands are made of stable aluminum profiles and have a modular structure. Due to the continuous rotary movement and the 90° slewing device, loads that have been suctioned can be brought into almost any position and processed. Various suction cup designs and additional options offer optimal adaptation to the workpieces to be processed. The standard height adjustment with clamping ensures an ergonomic working height.

- Integrated vacuum reserve tank
- Touch valves for automatic suction of the workpieces
- Clamping lever for fixing the rotating and slewing movement
- ECO module for energy saving
- Optional locking modules for turning and slewing
- Optional drives for rotating, slewing and height adjustment
- Optional "ACCU" version for off mains operation



VacuStand VS-I-50KG
With locking modules and foot control for the pre-assembly of window elements



VacuStand VS-I-25KG
With locking modules and foot control for the processing of seat surfaces for chairs



VacuStand VS-I-75KG
With attachment II for grinding work on aluminum base plates



Rastmodul RM-4
With locking module for 4 positions, every 22.5°. Operation via foot pedals



VacuStand VS-I-100KG
With attachment IV, adjustable and clampable via longitudinal and cross beams



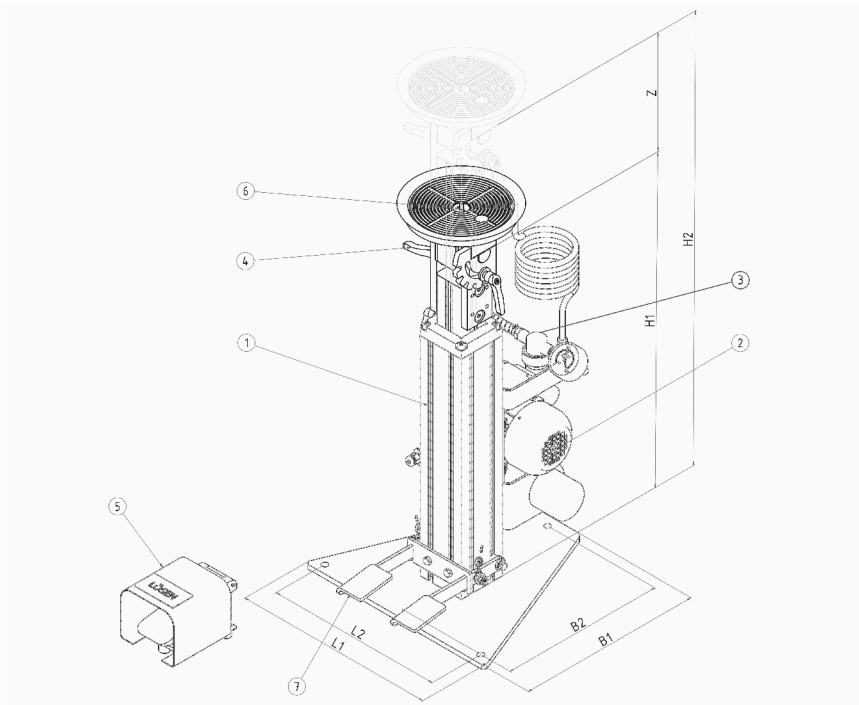
ACCU module
For mains-independent operation via a tool battery and separate charger

VacuStand VS

Technical specifications



VacuStand product range
More information and application videos about our VacuStand can be found here. Just follow the QR code. #LiftWithTheBest.



- 1 Basic stand with telescopic AL profiles
- 2 Vacuum pump with check valve and vacuum accumulator
- 3 Vacuum filter
- 4 Slewing and turning joint with brake lever
- 5 Foot breaker for release
- 6 Holder for suction pads and attachments
- 7 Optional foot controls for latching modules

Type	Vacuum generator	Operating voltage	Slewing (°)	Turning (°)	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	Z (mm)	Own weight (kg)
VS-I-AL	T4.4	230 V1AC	90	360	424	380	396	353	770	1,025	255	45/-55
VS-I-AL-ACCU	TF4.2	24 VDC	90	360	424	380	396	353	770	1,025	255	50/-60

Suction cups / attachments	Suction cups FSRL 120	Suction cups FSRL 170	Suction cups FSRL 230	Suction cups FSRL 290	Suction cups FSL 100x200	Suction cups FSL 100x300	Attachment II 2xFSRL120	Attachment II 2xFSRL170	Attachment IV 4xFSRL120	Attachment II 2xFSRL170
Dimension D, LxB (mm)	120	170	230	290	100x200	100x300	820x200	820x200	820x400	820x400
Holding force horiz./vert. (kg)	25/13	50/25	100/50	150/75	40/20	65/33	50/25	100/50	100/50	100/50
Own weight (kg)	0.35	0.55	1.00	1.95	1.25	1.60	6.25	6.75	11	12

VacuStand

Mobile work stand

Setup and application

The mobile work stands are suitable both for changing workplaces and for assembly support on assembly lines or driverless transport frames. Thanks to the smooth-running rollers, the work stands can be moved to the required work station effortlessly and without great effort. Workpieces that have been suctioned can be rotated, slewed, raised or lowered into the appropriate machining position for an ergonomic working position. All positions can be fixed using clamping levers or optional locking modules.

- Mobile application thanks to wheels with parking brakes
- Integrated vacuum reserve tank
- Touch valves for automatic suction of the workpieces
- Clamping lever for fixing the rotating and slewing movement
- ECO module for energy saving
- Optional locking modules for turning and slewing
- Optional drives for turning, slewing and height adjustment
- Optional "ACCU" version for off mains operation



VacuStand VS-I-AL-FSRL290
Mounted on a mobile base plate with a single suction pad



VacuStand VS-I-AL-AS/SO
With ACCU module and electrical height and slewing adjustment



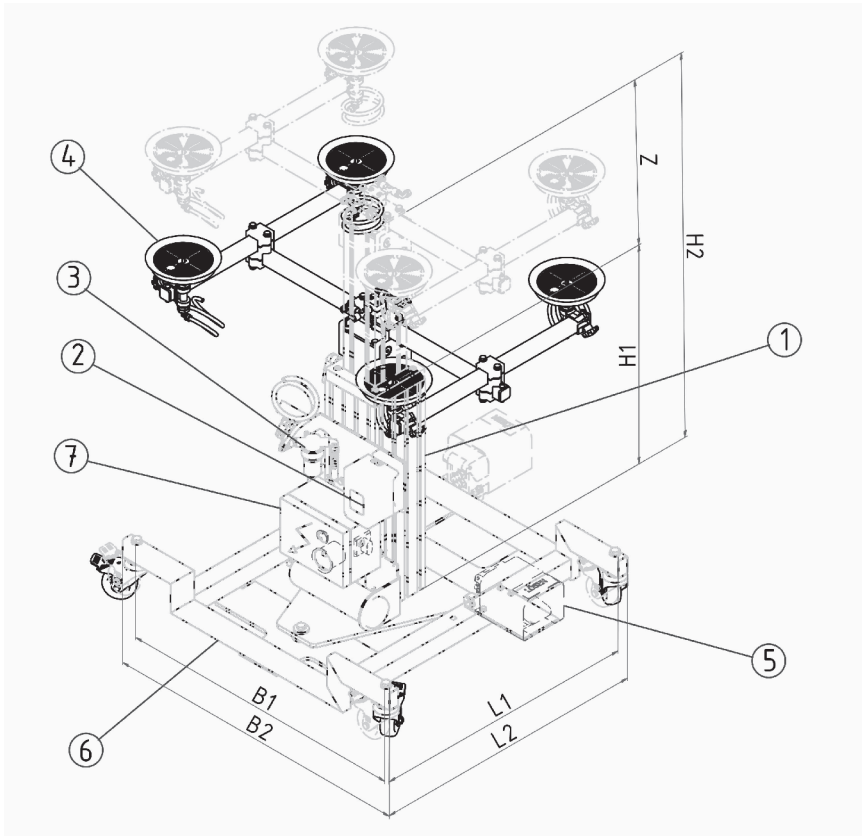
VacuStand VS-I-AL-FTS
With ACCU module and electrical height and slewing adjustment

VacuStand

Technical specifications



VacuStand product range
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- 1 Basic stand with telescopic AL profiles
- 2 Vacuum pump with check valve
- 3 Vacuum filter
- 4 Slewing, turning joint with locking lever
- 5 Foot breaker for release
- 6 Holder for suction pads and attachments
- 7 Optional foot controls for latching modules

Type	Vacuum generator	Operating voltage	Slewing (°)	Turning (°)	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	Z (mm)	Own weight (kg)
VS-I-AL	T4.4	230 V1AC	90	360	860	920	860	920	770	1,025	255	80/-90
VS-I-AL-ACCU	TF4.2	24 VDC	90	360	860	920	860	920	770	1,025	255	85/-95

Suction cups / attachments	Suction cups FSRL 120	Suction cups FSRL 170	Suction cups FSRL 230	Suction cups FSRL 290	Suction cups FSL 100x200	Suction cups FSL 100x300	Attachment II 2xFSRL120	Attachment II 2xFSRL120	Attachment IV 4xFSRL120	Attachment II 2xFSRL170
Dimension D, LxB (mm)	120	170	230	290	100x200	100x300	820x200	820x200	820x400	820x400
Holding force horiz./vert. (kg)	25/13	50/25	100/50	150/75	40/20	65/33	50/25	100/50	100/50	100/50
Own weight (kg)	0.35	0.55	1.00	1.95	1.25	1.60	6.25	6.75	11	12

Slewing and reversing stations

Stationary systems for process optimization

Setup and application

The individually constructed workstations are intended for integration into ongoing work and production processes where loads have to be swiveled or turned. This can significantly reduce throughput times and at the same time increase work safety. The stations are operated at a sufficient safety distance via a separately installed control panel with all the necessary control functions. These are based on the existing customer requirements and are specially tailored to them, so that an efficient, safe and rational process optimization is guaranteed.

- Individual construction design for process optimization
- Slewing and reversing function via robust geared motors
- Electrical height adjustment via linear guides and cylinders
- Integration of clamping, traversing or clamping devices
- Integration of pneumatic actuators
- Operation via separate control panel with dead man's switch
- Safety devices (light barriers, etc.) as specified
- PLC control with programming



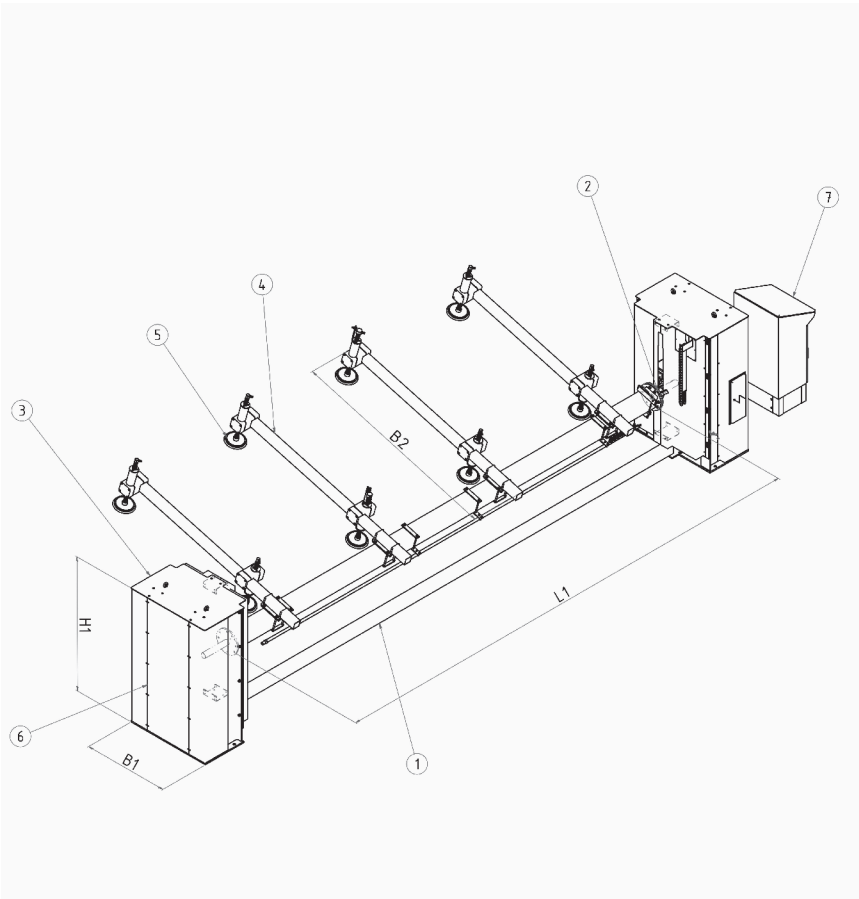
Slewing station SSS-90E-HV-150KG
With height adjustment in the pre-assembly of mobile home floors



Reversing station SWS-180E-HV-200KG
With height adjustment for turning sandwich elements in pre-assembly

Slewing and reversing stations

Technical specifications



- 1 Robust base frame made of steel
- 2 Optional height adjustment via lifting cylinder or chain hoists
- 3 Slewing drives via geared motors
- 4 Steel frame for vacuum components
- 5 Suction pads individually designed for the workpiece
- 6 Separately installed vacuum energy unit
- 7 Control panel with all necessary switches
- 8 Electronic warning device with signal siren

Load (kg)	Type	Handling	Workpiece dimensions		Slewing - reversing time (s)	Lift time per 100 mm (s)	L1 (mm)	B1 (mm)	H1 (mm)	Own weight (kg)
			min (mm)	max (mm)						
125	SSS	Slewing	2,000 x 500	10,000 x 2,500	15 - 30	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 1,500	250 - 350
	SWS	Reversing	2,000 x 500	10,000 x 2,500	30 - 60	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 3,500	350 - 500
250	SSS	Slewing	2,000 x 500	10,000 x 2,500	15 - 30	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 1,500	300 - 400
	SWS	Reversing	2,000 x 500	10,000 x 2,500	30 - 60	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 3,500	450 - 600
500	SSS	Slewing	2,000 x 500	10,000 x 2,500	15 - 30	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 1,500	500 - 750
	SWS	Reversing	2,000 x 500	10,000 x 2,500	30 - 60	0.5 - 2	3,000 - 12,000	2,000 - 7,000	1,000 - 3,500	750 - 1,000



Reversing station SWS-180E-HV-250KG
With height adjustment for reversing aluminum sheets up to 13,000 mm in length