

VacuPoro VP

Horizontal handling of porous panels up to 1.000 kg

Setup and application

A special vacuum lifter for air-permeable, porous materials such as chipboard, MDF or OSB boards. Thanks to a powerful fan with flywheel, these materials can be suctioned absolutely safely and held for a sufficiently long time even in the event of a power failure. The vacuum lifters are equipped with electrical vacuum control as standard and are operated using an ergonomically shaped operating handle with a sufficient safety distance. An acoustic warning device warns of insufficient vacuum or power failure.

- Power supply via cable with CEE plug
- Powerful vacuum blower with flywheel
- Acoustic warning device with power failure message
- Electrical vacuum control integrated in the operating handle
- Horizontal transport of porous materials
- Stacking, transferring and picking of sheet material
- Loading and unloading of CNC processing machines



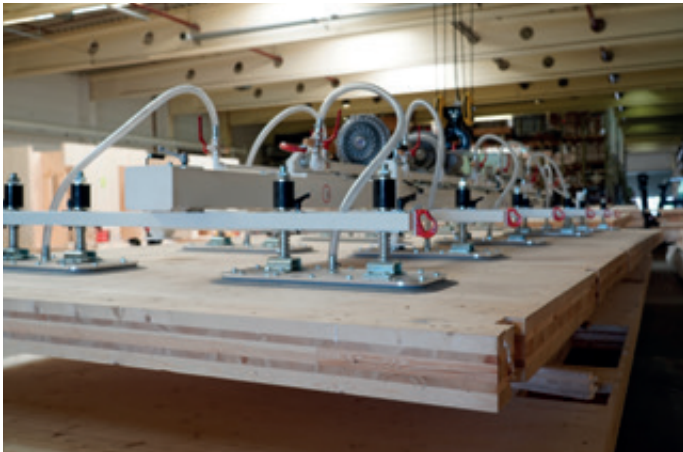
VacuPoro VP-250KG
For handling raw and coated chipboard



VacuPoro VP-500KG
With separately installed blower for OSB panels



VacuPoro VP-500KG
With integrated crane control for moving MDF and OSB boards



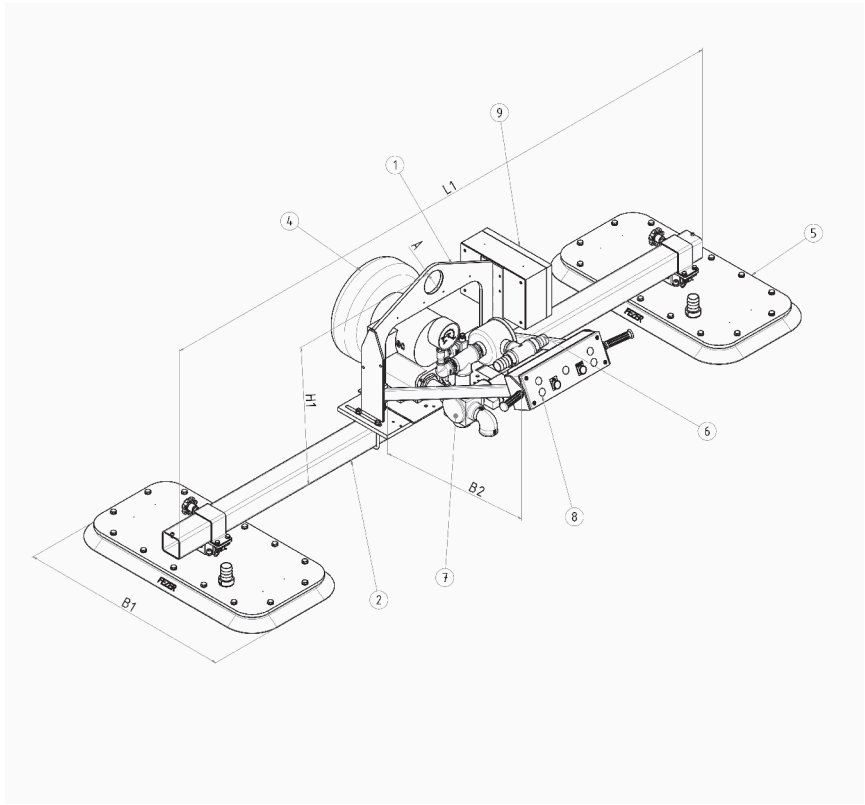
VacuPoro VP-1000KG
In a special version with 2 vacuum fans for the transport of multi-layer panels up to 10,000 mm in length

VacuPoro VP

Technical specifications



Wood product range - overview
You can find more about our wood product range and many application examples and videos here. Just scan the QR code and get started.



- 1 Suspension frame with suspension eye
- 2 Stringer
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum blower with flywheel
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Ergonomic manipulating handle
- 9 Electronic warning device EW-O

Load (kg)	Type	Workpiece dimensions		Vacuum blower (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
250	VP-250	1,000 x 500	4,100 x 2,100	168	1	850	500	750	840	80	160
		1,000 x 1,000	5,600 x 2,600	168	4	2,400	1,200	1,200	840	80	180
500	VP-500	1,000 x 500	4,100 x 2,100	168	2	2,400	850	750	840	80	190
		1,000 x 1,000	5,600 x 2,600	168	4	2,400	1,200	1,200	840	80	190
750	VP-750	1,000 x 500	4,100 x 2,100	276	3	2,400	850	1,200	840	100	220
		1,000 x 1,000	5,600 x 2,600	276	6	3,600	1,200	1,200	840	100	210
1,000	VP-1000	1,000 x 500	4,100 x 2,100	276	4	2,400	850	1,200	840	100	250
		1,000 x 1,000	5,600 x 2,600	276	8	3,600	1,200	1,200	840	100	240



Our wood product range - Blog
Wood. A natural and versatile resource. However, one should not underestimate the logistical effort and expertise involved in handling this breathable raw material. But with us on your side, there's nothing that could go wrong. Find out in this blog post what we are offering.

VacuPoro VP-90E

Tilting of porous panels up to 500 kg

Setup and application

A special vacuum lifter for air-permeable, porous materials such as chipboard, MDF or OSB boards. These materials can be suction lifted and tilted with absolute safety thanks to a powerful blower with a flywheel and swivel cylinder. The vacuum lifters are equipped with electrical vacuum control as standard and are operated using an ergonomically shaped operating handle with a sufficient safety distance. An acoustic warning device also warns if a vacuum is too low or in the event of a power failure.

- Power supply via cable with CEE plug
- Powerful vacuum blower with flywheel
- Acoustic warning device with power failure message
- Tilting via linear cylinders or geared motors
- Electrical vacuum control integrated in the operating handle
- Horizontal transport of porous materials
- Stacking, transferring and picking of sheet material
- Loading and unloading of standing CNC processing machines



VacuPoro-90E-250KG
For feeding a standing panel dividing saw



VacuPoro-90E-250KG
For moving upright chipboard and OSB boards



VacuPoro-90E-250KG
For feeding a standing panel dividing saw



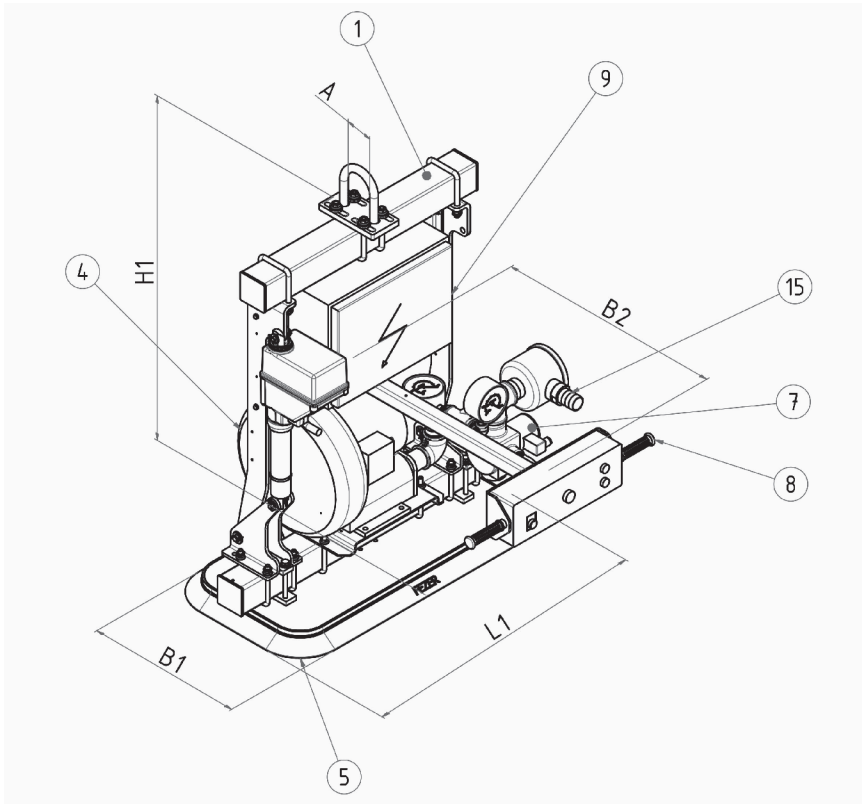
VacuPoro-90E-500KG
For feeding a horizontal panel dividing saw

VacuPoro VP-90E

Technical specifications



Wood product range - overview
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- 1 Suspension frame with tilt drives and suspension eye
- 2 Stringer
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum blower with flywheel
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Ergonomic manipulating handle
- 9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum blower (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VP-90E-125	1,000 x 500	4,100 x 2,100	168	1	850	500	750	1,290	80	150
		1,000 x 1,000	5,600 x 2,600	168	4	2,400	1,200	1,200	1,350	80	200
250	VP-90E-250	1,000 x 500	4,100 x 2,100	168	2	2,400	850	750	1,290	80	200
		1,000 x 1,000	5,600 x 2,600	168	4	2,400	1,200	1,200	1,350	80	210
375	VP-90E-375	1,000 x 500	4,100 x 2,100	276	3	2,400	850	1,200	1,290	100	225
		1,000 x 1,000	5,600 x 2,600	276	6	3,600	1,200	1,200	1,350	100	240
500	VP-90E-500	1,000 x 500	4,100 x 2,100	276	4	2,400	850	1,200	1,290	100	250
		1,000 x 1,000	5,600 x 2,600	276	8	3,600	1,200	1,200	1,350	100	260