

# VacuGiant VG

## Horizontal transport of heavy loads up to 50.000 kg

### Setup and application

Heavy-duty traverse made of a robust welded steel construction, which is also designed as a safety accumulator, which ensures the shortest suction times and a high level of operational safety. Depending on the requirements, the crossbeams can be equipped with 1, 2 or 4-point suspension. Large-area suction pads with elastomer suspension provide the necessary support and even load distribution. The vacuum is controlled by a pendant switch or radio.

- Robust steel construction with oversized vacuum reserve tank
- Acoustic and optical warning device with siren and lights
- With spring plunger or chain suspension
- For smooth and structured surfaces
- Manually and electrically telescopic versions
- Group switching for different plate dimensions
- Stacking, transferring and picking of sheet material
- In steel and aluminum rolling mills as well as in outdoor areas



**VacuGiant VG-12000KG-TEL**  
Electrically telescopic vacuum traverse for loading a horizontal bar



**VacuGiant VG-25000KG**  
With double-row suction pad arrangement for sheets up to 20000 x 3000 x 50 mm



**VacuGiant VG-25000KG**  
For moving large-format sheets up to 20,000 x 3,500 x 50 mm



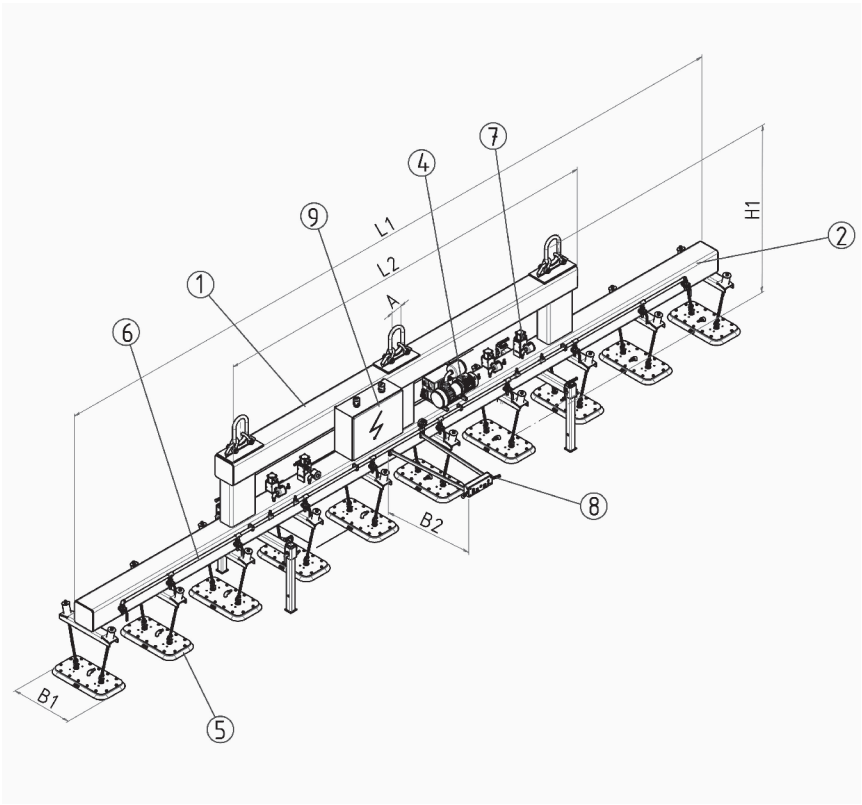
**VacuGiant VG-5000KG**  
Transport of blank aluminum panels up to 36,000 mm long for the wing production of the Airbus A380

# VacuGiant VG

## Technical specifications



**VacuGiant product range**  
You can find more about our VacuGiant product range and many application examples and videos here. Just scan the QR code and get started.



- 1 Suspension beam with 1-point to 4-point attachment
- 2 Stringer with integrated vacuum reserve tank, optionally in a telescopic version
- 3 Crossbeam, fixed or adjustable and clampable
- 4 Vacuum pump with check valve
- 5 Suction pads, fixed or 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 EEW-III

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Suction pads	Suspension eyes	L1 (mm)	L2 (mm)	B1 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)									
5,000	VG160	6,000x1,000	24,000x4,000	0.40	4/-8	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	140	750/-1,250
7,500	VG160	6,000x1,000	24,000x4,000	0.40	6/-12	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	140	1,000/-1,500
10,000	VG200	6,000x1,000	24,000x4,000	0.63	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	160	1,500/-2,000
15,000	VG200	6,000x1,000	24,000x4,000	0.63	12/-24	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,000/-1,600	160	1,750/-2,250
20,000	VG300	6,000x1,000	24,000x4,000	0,100	16/-32	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,000/-1,600	200	3,000/-3,500
25,000	VG300	6,000x1,000	24,000x4,000	0,100	20/-40	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,000/-1,600	200	3,500/-4,000
30,000	VG300	6,000x1,000	24,000x4,000	0,160	24/-48	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,200/-1,800	220	3,750/-4,250
35,000	VG300	6,000x1,000	24,000x4,000	0,160	28/-52	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,200/-1,800	220	4,000/-4,500
40,000	VG300	6,000x1,000	24,000x4,000	0,250	32/-64	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,200/-1,800	240	4,250/-4,750
45,000	VG400	6,000x1,000	24,000x4,000	0,250	36/-72	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,200/-1,800	240	5,000/-6,000
50,000	VG400	6,000x1,000	24,000x4,000	0,250	40/-80	2/-4	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,200/-1,800	260	5,500/-6,500



# VacuGiant VG-90E

Tilting heavy loads up to 7.500 kg

## Setup and application

Heavy-duty traverse made of a robust welded steel construction, which is also designed as a safety accumulator, which ensures the shortest suction times and a high level of operational safety. The robust and large dimensioned co-rotating tilt drives ensure that the loads are moved safely and quickly. Large-area suction pads with elastomer suspension provide the necessary support and even load distribution. The vacuum is controlled by a pendant switch or radio.

- Rugged steel construction with oversized vacuum reserve tank
- Acoustic and optical warning device with siren and lights
- Large dimensioned tilt drives with 15-30 s tilting time
- For smooth and structured surfaces
- Telescopic version for different panel lengths
- Group switching for different plate dimensions
- Stacking, transferring and picking of sheet material
- Assembly aids in container and shipbuilding



**VacuGiant VG-90E-2500KG**  
For truck side parts up to 13,500 mm in length



**VacuGiant VG-90E-7500KG**  
For large steel plates up to 4,000x2,000 mm



**VacuGiant VG-90E-3500**  
For tilting wooden boards up to 250 mm thick



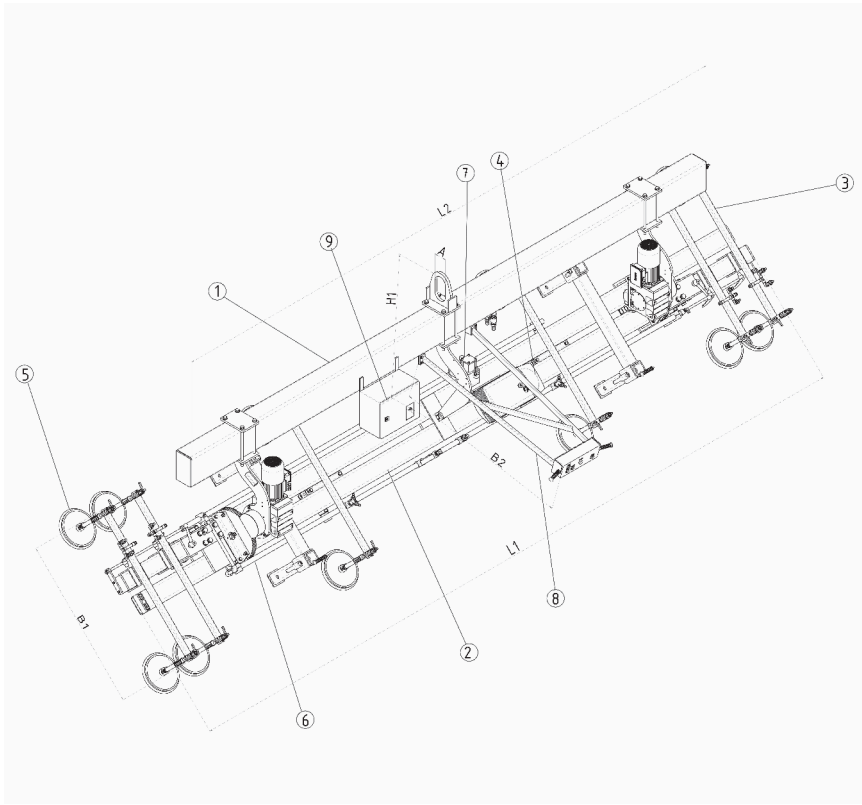
**VacuGiant VG-90E-2500KG**  
With 2 blower speeds in the final assembly of wooden containers

# VacuGiant VG-90E

Technical specifications



**VacuGiant product range**  
You can find more about our VacuGiant product range and many application examples and videos here. Just scan the QR code and get started.



- 1 Suspension beam with tilt drives and 1-point to 4-point suspension
- 2 Stringer with integrated vacuum reserve tank, optionally in a telescopic version
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum pump with check valve
- 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 pump (m³/h)	Suction pads	Suspend- ion eyes	L1	L2	B1	H1	A	Own weight (kg)
		min (mm)	max (mm)				(mm)	(mm)	(mm)	(mm)	(mm)	
2,500	VG200	6,000x1,000	16.000x4.000	0.40	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	160	2,000/-2,500
3,500	VG200	6,000x1,000	16.000x4.000	0.40	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	160	2,250/-2,750
4,500	VG200	6,000x1,000	16.000x4.000	0.63	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	160	2,500/-3,000
5,500	VG300	6,000x1,000	16.000x4.000	0.63	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	200	2,750/-3,250
6,500	VG300	6,000x1,000	16.000x4.000	0,100	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	200	3,000/-3,500
7,500	VG300	6,000x1,000	16.000x4.000	0,100	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	200	3,250/-3,750



# VacuGiant VG-180E

Turning heavy loads up to 5.000 kg

## Setup and application

Heavy-duty traverse made of a robust welded steel construction, which is also designed as a safety accumulator, which ensures the shortest suction times and a high level of operational safety. Robust and durable, co-rotating reversing drives allow the loads to be turned quickly and safely. Large-area suction pads with elastomer suspension provide the necessary support and even load distribution. The vacuum is controlled by a pendant switch or radio.

- Rugged steel construction with oversized vacuum reserve tank
- Acoustic and optical warning device with siren and lights
- Large dimensioned reversing drives with 30-45 s reversing time
- For smooth and structured surfaces
- Telescopic version for different panel lengths
- Group switching for different plate dimensions
- Stacking, transferring and picking of sheet material
- Assembly aids in container and shipbuilding



**VacuGiant VG-180E-5000KG**  
Turning solid wood panels up to 12,000 x 3,500 x 100 mm



**VacuGiant VG-180E-1500KG**  
With balancing suspension and forklift shoes for turning plastic panels with dimensions of up to 16,000 x 3,500 x 10 mm



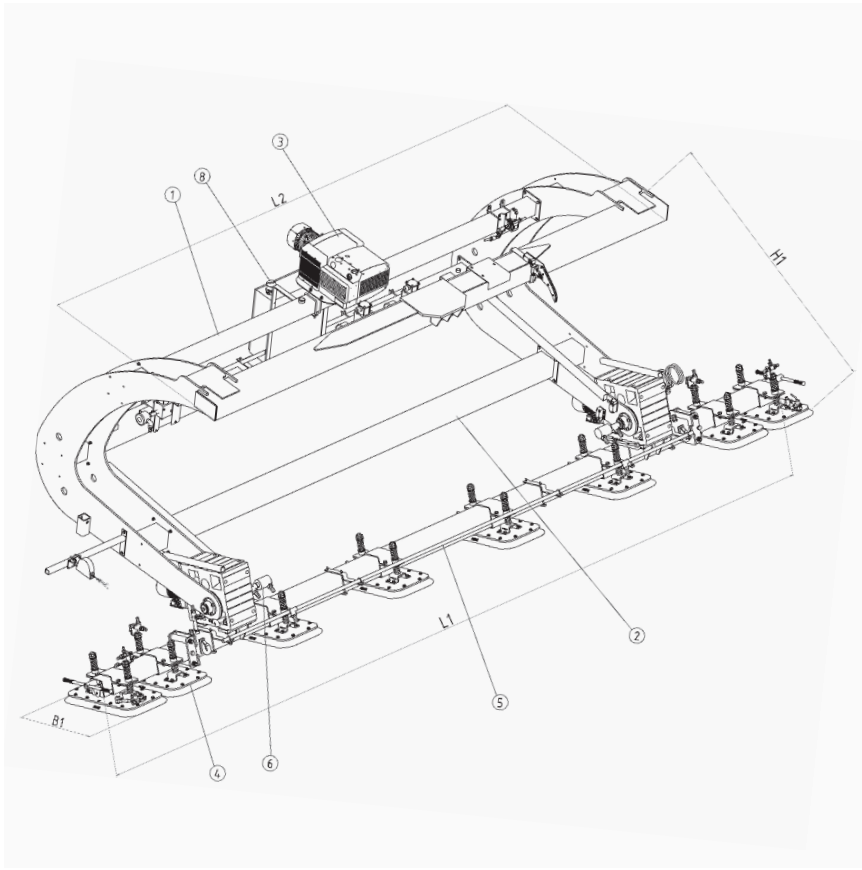
**VacuGiant VG-180E-10000/2500KG**  
With outrigger arms for turning 2,5000 kg wooden panels and horizontal transport of 10,000 kg concrete floor panels

# VacuGiant VG-180E

Technical specifications



**VacuGiant product range**  
You can find more about our VacuGiant product range and many application examples and videos here. Just scan the QR code and get started.



- 1 Suspension beam with reversing drives and 1-point to 4-point suspension
- 2 Stringers with integrated vacuum reserve tank optionally in a telescopic version
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum pump with check valve
- 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 pump (m³/h)	Suction pads	Suspend- ion eyes	L1 (mm)	L2 (mm)	B1 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)									
2,000	VG160	6,000x1,000	24,000x4,000	0.25	4/-8	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	140	2,500/-3,000
3,000	VG160	6,000x1,000	24,000x4,000	0.25	6/-12	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	140	2,750/-3,250
4,000	VG200	6,000x1,000	24,000x4,000	0.40	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	800/-1,400	160	3,000/-3,500
5,000	VG200	6,000x1,000	24,000x4,000	0.40	8/-16	1/-2	4,000/-22,000	3,000/-16,000	1,000/-2,200	1,000/-1,600	160	3,250/-3,750



# VacuGiant VG

## Applications in practice



**VacuGiant VG-12000KG-TEL**

Motorized, extendable heavy-duty traverse for sheet metal from 8,000 - 14,000 mm when retracted



**VacuGiant VG-5000KG-TEL**

Combination traverse for the transport of individual sheets with vacuum as well as complete bundles of sheets



**VacuGiant VG-12000KG-TEL**

Electrically extendable vacuum traverse for sheets from 8,000 - 14,000 mm with additional package grippers



**VacuGiant VG-12000KG-TEL**

Electrical extensible vacuum traverse with package grippers for picking up several sheets at the same time



**VacuGiant VG-18000KG**

Heavy-duty traverse for transporting glass blanks for telescope mirrors with a diameter of up to 6,000 mm



**VacuGiant VG-12000KG-TEL**

In low and telescopic design for aluminum sheets up to 14,000x3,000x100 mm

# VacuGiant VG

## Applications in practice



**More application videos**

Visit our website for many more application examples and videos. Simply scan the QR code and #simplymovemore.



**VacuGiant VG-VG90-2500KG**

Tilting traverse with slewing gear for the assembly support of truck bodies



**VacuGiant VG-90E-2500KG**

Electrically tiltable vacuum lifter for sandwich elements with a length of up to 12,000 mm



**VacuGiant VG-90E-2500KG**

In the final assembly of room modules made of wood components



**VacuGiant VG-25000KG**

With double-row suction plate arrangement for the transport of sheet steel up to dimensions of 14,000 x 3,000 mm



**VacuGiant VG-5000KG**

For the transport of up to 36,000 mm long aluminum plates for the production of wing elements for the Airbus A380



**VacuGiant VG-12000KG**

With single-row suction plate arrangement for sheet steel up to 20,000 x 3,500 x 50 mm