

# 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



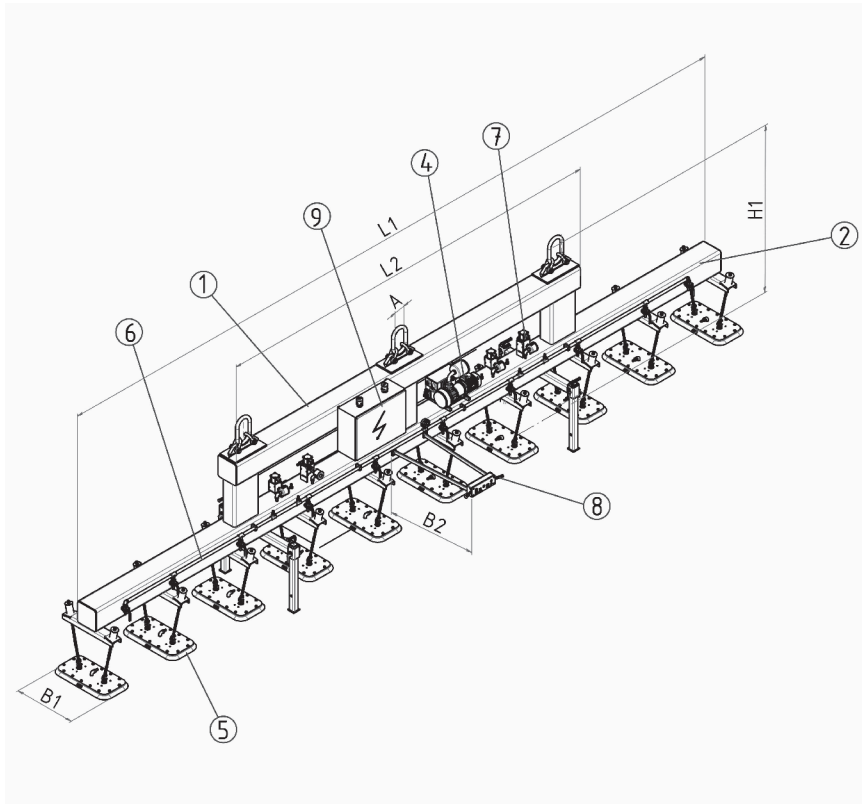
**VacuGiant VG-5000KG**  
Transport of blank aluminum panels up to 36,000 mm long for the wing production of the Airbus A380

# 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