



# VACUMASTER 125 horizontal

Maximum load 125 kg



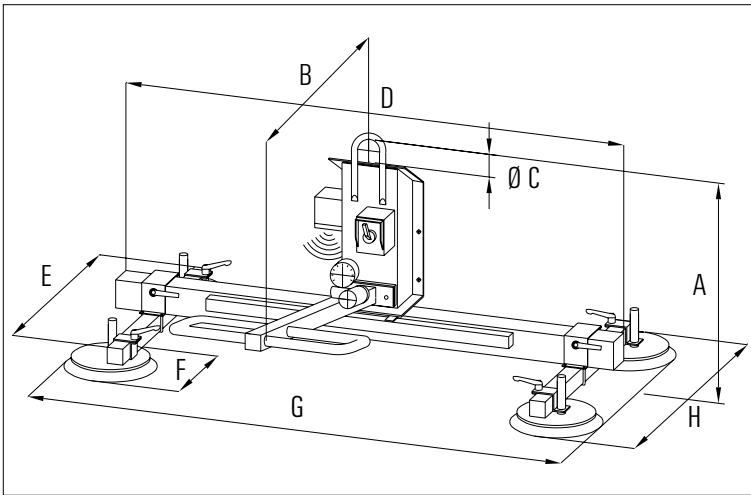
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## Technical Catalogue

### VM 04/04

### VACUMASTER 125: complete units (400 V versions)

Type	Handlebar length	Pump capacity	Qty.	Suction pad			Length of main beam	Own weight	Article No.
				Ø	Type	Mounting			
VACUMASTER 125-1	660 mm	3 m³/h	1	250 mm	SPU	rigid	–	22 kg	12.02.07.00200
VACUMASTER 125-2	660 mm	3 m³/h	2	210 mm	SPU	rigid	1800 mm	39 kg	12.02.07.00201
VACUMASTER 125-4	660 mm	6 m³/h	4	160 mm	SPU	flexible	1800 mm	55 kg	12.02.07.00202
VACUMASTER 125-6	660 mm	6 m³/h	6	125 mm	SPU	spring loaded/flexible	1800 mm	62 kg	12.02.07.00203
VACUMASTER 125-8	660 mm	6 m³/h	8	125 mm	SPU	spring loaded/flexible	2400 mm	74 kg	12.02.07.00204



### VACUMASTER 125: technical data and dimensions

Number of suction pads	1	2	4	4	6	8
Type of suction pad	SPU (standard)	SPU (standard)	SPU (standard)	SPK (special)	SPU (standard)	SPU (standard)
A Overall height	390 mm	460 mm	530 mm	530 mm	590 mm	590 mm
B Handlebar length	660 or 1000 mm	660 or 1000 mm	660 or 1000 mm	660 or 1000 mm	660 or 1000 mm	660 or 1000 mm
C Crane eye	Ø 52 mm	Ø 52 mm	Ø 52 mm	Ø 52 mm	Ø 52 mm	Ø 52 mm
D Length of main beam	–	–	Standard: 1800, 2400 or 3000 mm			
E Length of cross beam	–	–	800 mm	800 mm	800 mm	800 mm
F Suction pad diameter	Ø 250 mm	Ø 210 mm	Ø 160 mm	Ø 160 mm	Ø 125 mm	Ø 125 mm
Surface of the load	smooth, slightly rough, slightly scaly or rusty			rough or structured	smooth, slightly rough, slightly scaly or rusty	
Type of suction pad mounting	rigid	rigid	flexible	flexible	spring loaded/flexible	spring loaded/flexible
G x H Minimum suction pad spacing (outer edges)	–	G = 490 mm	540 x 350 mm	540 x 350 mm	510 x 390 mm	760 x 310 mm
G x H Maximum suction pad spacing (outer edges)	–	G = D + F – 100 mm	G = beam length D plus suction pad diameter F H = beam length E plus suction pad diameter F minus 80 mm			

## Ordering data

### Component: basic body

Type	Weight	Article No.
BK VM 125/250	5.8 kg	12.02.07.00050

### Component: handlebar

Type	Length	Weight	Article No.
BB VM-KPL-660-F3/8	660 mm	5.5 kg	12.02.07.00081
BB VM-KPL-1000-F3/8	1000 mm	6.8 kg	12.02.07.00057

## Selection aids

### Handlebar

Length	Max. workpiece width
660 mm	up to 1320 mm
1000 mm	up to 2000 mm



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### VM 04/04

Surface classes (for selection of the pump power and suction pad type)					
Material	Type	Surface condition	Material	Type	Surface condition
Metal	M1	smooth, 1 or 2 suction pads on VACUMASTER	Glass and plastics	G1	smooth, 1 or 2 suction pads on VACUMASTER
	M2	smooth, 4, 6 or 8 suction pads		G2	smooth, 4, 6 or 8 suction pads on VACUMASTER
	M3	structured (including checkerplate) or very rusty		G3	structured
Wood	H1	laminated	Stones	S1	natural stone, ground and polished
	H2	planed solid wood		S2	natural stone, flamed + broken, smooth cement
	H3	veneered wood, smoothly sawn solid wood		S3	concrete

## Ordering data

Component: vacuum generator			
Type	Suction capacity & Power	Weight	Article No.
VE VM-EVE 3D-HORIZ-230V	3 m³/h; 0,12 kW	7.3 kg	12.02.07.01354
VE VM-EVE 3D-HORIZ-400V	3 m³/h; 0,12 kW	7.3 kg	12.02.07.01355
VE VM-EVE 3D-HORIZ-460V	3 m³/h; 0,12 kW	7.6 kg	12.02.07.01356
VE VM-EVE 6D-HORIZ-230V	6 m³/h; 0,25 kW	8.4 kg	12.02.07.01357
VE VM-EVE 6D-HORIZ-400V	6 m³/h; 0,25 kW	8.4 kg	12.02.07.01358
VE VM-EVE 6D-HORIZ-460V	6 m³/h; 0,25 kW	8.7 kg	12.02.07.01359
VE VM-EVE 10D-HORIZ-230V	10 m³/h; 0,37 kW	20.2 kg	12.02.07.01360
VE VM-EVE 10D-HORIZ-400V	10 m³/h; 0,37 kW	20.2 kg	12.02.07.01361
VE VM-EVE 10D-HORIZ-460V	10 m³/h; 0,37 kW	20.5 kg	12.02.07.01362

Always indicate supply voltage when ordering!

Component: main beam			
Type	Length	Weight	Article No.
MAIN BEAM-1800-VM 125/250	1800 mm	15.3 kg	12.02.07.00104
MAIN BEAM-2400-VM 125/250	2400 mm	20.2 kg	12.02.07.00105
MAIN BEAM-3000-VM 125/250	3000 mm	25.5 kg	12.02.07.00106

Component: suction-pad system				
Type	Qty.	Type	Weight	Article No.
SAS VM 125-1 SPU 250B S	1	SPU	3.2 kg	12.02.07.00157
SAS VM 125-2 SPU 210 S	2	SPU	5.4 kg	12.02.07.00130
SAS VM 125-4 SPU 160 GEL	4	SPU	15.6 kg	12.02.07.00137
SAS VM 125-4 SPK 160 GEL	4	SPK	15.4 kg	12.02.07.00166
SAS VM 125-6 SPU 125 GG	6	SPU	22.6 kg	12.02.07.00146
SAS VM 125-8 SPU 125 GG	8	SPU	30.0 kg	12.02.07.00147

Component: vacuum distributor			
Type	Length	Weight	Article No.
DISTRIBUTOR-VM-KPL30-1500	1500 mm	4.5 kg	12.02.07.00010
DISTRIBUTOR-VM-KPL30-2800	2800 mm	7.3 kg	12.02.07.00011

## Selection aids

Vacuum generator: suction capacity				
Suction capacity	Metal	Wood	Stone	Glass and plastics
3 m³/h	M1	–	–	G1
6 m³/h	M2	H1	S1	G2
10 m³/h	M3	H2 & H3	S2 & S3	G3

Vacuum generator: electric power		
Type	Suction capacity	Available supply voltage
"230 V"	3 m³/h and 6 m³/h	3– 200–250 V (Δ) 50 Hz; 200–250 V (Δ) 60 Hz
"400 V"	3 m³/h and 6 m³/h	3– 346–430 V (Y) 50 Hz; 346–430 V (Y) 60 Hz
"460 V"	3 m³/h and 6 m³/h	3– 346–440 V (Y) 50 Hz; 346–460 V (Y) 60 Hz
"230 V"	10 m³/h	3– 200–240 V (Δ) 50 Hz; 200–250 V (Δ) 60 Hz
"400 V"	10 m³/h	3– 346–420 V (Y) 50 Hz; 346–430 V (Y) 60 Hz
"460 V"	10 m³/h	3– 346–420 V (Y) 50 Hz; 346–460 V (Y) 60 Hz

Main beam and suction pads						
Thick-ness	Format of sheet metal in mm					
	1000 x 2000		1250 x 2500		1500 x 3000	
	No. of pads	Main beam	No. of pads	Main beam	No. of pads	Main beam
0.5 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
1.0 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
1.5 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
2.0 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
2.5 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
3.0 mm	4 pc.	1800 mm	6 pc.	1800 mm	8 pc.	2400 mm
4.0 mm	4 pc.	1800 mm	4 pc.	1800 mm	–	–
5.0 mm	2 pc.	1800 mm	4 pc.	1800 mm	–	–
6.0 mm	2 pc.	1800 mm	–	–	–	–
8.0 mm	2 pc.	1800 mm	–	–	–	–

Type of suction pad				
Pad type	Workpiece surface			Glass and plastics
	Metal	Wood	Stone	
SPU	M1 & M2	H1–H3	S1	G1 & G2
SPK	M3	–	S2 & S3	G3

Vacuum distributor	
Distributor length	Length main beam
1500 mm	1800 mm and 2400 mm
2800 mm	3000 mm