



VACUMASTER 1000 horizontal

Maximum load 1000 kg



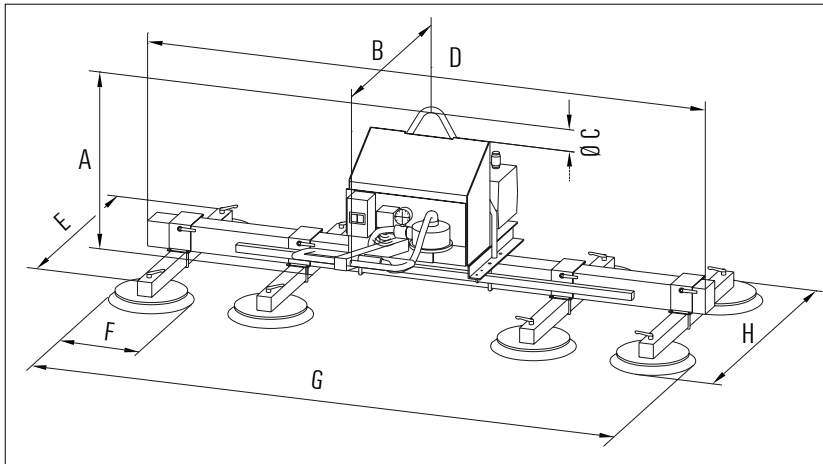
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Technical Catalogue

VM 04/04

VACUMASTER 1000: complete units (400 V versions)

Type	Handlebar length	Pump capacity	Qty.	Ø	Suction pad Type	Mounting	Length of main beam	Own weight	Article No.
VACUMASTER 1000-1	910 mm	10 m ³ /h	1	900 x 520 mm	SPLS	rigid	–	104 kg	12.02.07.00213
VACUMASTER 1000-4	910 mm	10 m ³ /h	4	360 mm	SPU	flexible	2000 mm	162 kg	12.02.07.01596
VACUMASTER 1000-8	910 mm	10 m ³ /h	8	250 mm	SPU	spring loaded/flexible	4000 mm	252 kg	12.02.07.00215



VACUMASTER 1000: technical data and dimensions

Number of suction pads	1	2	4	4	6	8
Type of suction pad	SPLS (standard)	SPLS (standard)	SPU (standard)	SPK (special)	SPU (standard)	SPU (standard)
A Overall height	630 mm	–	750 mm	–	–	935 mm
B Handlebar length	910 or 1250 mm	–	910 or 1250 mm	–	–	910 or 1250 mm
C Crane eye	Ø 90 mm	–	Ø 90 mm	–	–	Ø 90 mm
D Length of main beam	–	–	Standard: 2000 or 4000 mm			
E Length of cross beam	–	–	1200 mm	–	–	1200 mm
F Suction pad diameter	900 x 520 mm	–	Ø 360 mm	–	–	Ø 250 mm
Surface of the load	smooth, slightly rough, slightly scaly or rusty					
Type of suction pad mounting	rigid	–	flexible	–	–	spring loaded/flexible
G x H Minimum suction pad spacing (outer edges)	–	–	1150 x 810 mm	–	–	1580 x 500 mm
G x H Maximum suction pad spacing (outer edges)	–	–	G = beam length D plus suction pad diameter F H = beam length E plus suction pad diameter F minus 80 mm			

Ordering data

Selection aids

Component: basic body

Type	Weight	Article No.
BK VM 1000/2000	44 kg	12.02.07.00073

Component: handlebar

Type	Length	Weight	Article No.
BB VM-KPL-910-F3/4	910 mm	6.1 kg	12.02.07.00080
BB VM-KPL-1250-F3/4	1250 mm	7.7 kg	12.02.07.00084

Handlebar

Length	Max. workpiece width
910 mm	up to 1820 mm
1250 mm	up to 2500 mm



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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/rough, slightly rusty or scaly		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 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
VE VM-EVE 16D-HORIZ-230V	16 m³/h; 0,55 kW	22.2 kg	12.02.07.01363
VE VM-EVE 16D-HORIZ-400V	16 m³/h; 0,55 kW	22.2 kg	12.02.07.01364
VE VM-EVE 16D-HORIZ-460V	16 m³/h; 0,55 kW	22.5 kg	12.02.07.01365

Always indicate supply voltage when ordering!

Component: main beam			
Type	Length	Weight	Article No.
MAIN BEAM-2000-VM 1000	2000 mm	44 kg	12.02.07.00110
MAIN BEAM-4000-VM 1000	4000 mm	88 kg	12.02.07.00111

Component: suction-pad system				
Type	Qty.	Type	Weight	Article No.
SAS VM 1000-1 SPLS 900 x 520 S	1	SPLS	33.5 kg	12.02.07.00162
SAS VM 1000-4 SPU 360B GEL	4	SPU	42.0 kg	12.02.07.00810
SAS VM 1000-8 SPU 250B GG	8	SPU	83.7 kg	12.02.07.00153

Component: vacuum distributor			
Type	Length	Weight	Article No.
DISTRIBUTOR-VM-KPL40-1500	1500 mm	6.1 kg	12.02.07.00018
DISTRIBUTOR-VM-KPL40-2800	2800 mm	10.1 kg	12.02.07.00019

Selection aids

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

Vacuum generator: electric power		
Type	Suction capacity	Available supply voltage
"230 V"	10 m³/h and 16 m³/h	3~ 200-240 V (Δ) 50 Hz; 200-250 V (Δ) 60 Hz
"400 V"	10 m³/h and 16 m³/h	3~ 346-420 V (Y) 50 Hz; 346-430 V (Y) 60 Hz
"460 V"	10 m³/h and 16 m³/h	3~ 346-420 V (Y) 50 Hz; 346-460 V (Y) 60 Hz

Main beam and suction pads									
Thick-ness	No. of pads	Format of sheet metal in mm							
		1250 x 2500		1500 x 3000		2000 x 4000		2000 x 6000	
		Main beam	No. of pads	Main beam	No. of pads	Main beam	No. of pads	Main beam	No. of pads
1,0 mm	4 pc.	2000 mm	8 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
2,0 mm	4 pc.	2000 mm	8 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
3,0 mm	4 pc.	2000 mm	8 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
5,0 mm	4 pc.	2000 mm	8 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
6,0 mm	4 pc.	2000 mm	8 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
8,0 mm	4 pc.	2000 mm	4 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
10 mm	4 pc.	2000 mm	4 pc.	2000 mm	8 pc.	4000 mm	8 pc.	5400 mm*	
12 mm	1 pc.	2000 mm	4 pc.	2000 mm	8 pc.	4000 mm			
15 mm	1 pc.	2000 mm	4 pc.	2000 mm	8 pc.	4000 mm			
18 mm	1 pc.	2000 mm	4 pc.	2000 mm					
20 mm	1 pc.	2000 mm	4 pc.	2000 mm					
30 mm	1 pc.	2000 mm							
40 mm	1 pc.	2000 mm							

* on request

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

Vacuum distributor	
Distributor length	Length main beam
1500 mm	2000 mm
2800 mm	4000 mm