

Technical Data Sheet

Pile driver Type VR 275 – VR 19

Type	VR 275	VR 500	VR 1000	VR 8	VR 19
Weight of pile driver	220.0 kg	390.0 kg	810.0 kg	920.0 kg	2,400.0 kg
Weight of pile driver with jockey unit	275.0 kg	500.0 kg	1,000.0 kg	1,030.0 kg	2,600.0 kg
Weight of piston	17.0 kg	54.0 kg	100.0 kg	150.0 kg	395.0 kg
Piston stroke	220 mm	220 mm	220 mm	240 mm	240 mm
Operating pressure (air/steam max.)	6 bar	6 bar	6 bar	6 bar	6 bar
Air consumption at 6 bar	2.8 m ³ /min	4.8 m ³ /min	5.5 m ³ /min	5.0 m ³ /min	12.0 m ³ /min
Steam consumption at 8 bar			250 kp/h		
Number of blows at 6 bar	370 n ¹ /min	280 n ¹ /min	145 n ¹ /min	180 n ¹ /min	145 n ¹ /min
Blow energy /	650 Nm	1,250 Nm	2,200 Nm	2,800 Nm	<u>5,500 Nm</u>
Single blow at 6 bar					
Connection hose. l. width	25 mm	25 mm	25/32 mm	25 mm	42 mm
Dimensions:					
Outer dimensions of cylinder DN	175 mm	220 mm	310 mm	305 mm	400 mm
Width above handles					
Overall height hand ram	1400 mm	1700 mm	2000 mm	2000 mm	8100 mm
Overall height jockey type					
Area of use:					
for ram items depending on soil type and					
profile form up to:	180.0 kg	300.0 kg	500.0 kg	600.0 kg	1,600 kg
Weights:	16.0-42.0 kg				
Ram mounts:					
Available for profiles:	Ram plate	Ram plate	Ram plate	Ram plate	Ram plate
Hoesch	KD 400 HL 1	210x480 mm	300x480 mm	300x550 mm	395x640 mm 395x800 mm
Krupp	KD II KD III KL 1	Universal guide	Universal guide	Universal guide	Universal guide
Walzprofile	IPE / I 100 I 140 I 160 U 180				
Wooden posts DN	150 mm 280 mm				
Bars / pipe DN	150 mm				

(Subject to technical alterations)