

Overview VibroDrills

Drilling depth up to 100 m	Strand anchors/ micropiles		Threaded hollow bar drilling		Geothermal drilling	Geotechnical drilling	Rock drilling	Recommend drilling rig	
VD-Type	Max. casing diameter with single casing	Overburden drilling max. outside casing diameter	Max. diameter threaded hollow bar	Max. bit diameter	Max. casing diameter	Max. casing diameter	Max. bore hole diameter	Weight [t]	Power of drilling rig [kW]
VD 50	177.8 mm / 7 inch	152.4 mm / 6 inch	101.6 mm / 4 inch	177.8 mm / 7 inch	152.4 mm / 6 inch	152.4 mm / 6 inch	177.8 mm / 7 inch	8 – 12	>101
VD 100	228.6 mm / 9 inch	203.2 mm / 8 inch	152.4 mm / 6 inch	228.6 mm / 9 inch	203.2 mm / 8 inch	203.2 mm / 8 inch	228.6 mm / 9 inch	12 – 16	>127
VD 150	304.8 mm / 12 inch	254 mm / 10 inch	203.2 / 8 inch	304.8 mm / 12 inch	254 mm / 10 inch	254 mm / 10 inch	304.8 mm / 12 inch	16 – 22	>147

Overview hydraulic drifters

Bore hole depth up to 35 m	Strand anchors/ micropiles/ injected drilled piles		Threaded hollow bar drilling		Technical data		Recommended drilling rigs	
Bohrhammertyp	Micropile drilling max. casing diameter	Overburden drilling max. outside casing diameter	Max. diameter of hollow bars	Max. bit diameter	Max. impact energy [Nm]	Max. torque [Nm]	Weight [t]	Power of drilling rig [kW]
HB 5	50.8 mm / 2 inch	–	25.4 mm / 1 inch	50.8 mm / 2 inch	140	480	3 – 5	>37
HB 10	63.5 mm / 2.5 inch	–	40 mm / 1.5 inch	63.5 mm / 2.5 inch	160	1000	5 – 10	>56
HB 15	76.2 mm / 3 inch	–	52 mm / 2 inch	76.2 mm / 3 inch	270	2450	10 – 12	>65
HB 20	101.6 mm / 4 inch	–	76.2 mm / 3 inch	101.6 mm / 4 inch	270	4900	10 – 12	>65
HB 35	152.4 mm / 6 inch	–	101.6 mm / 4 inch	152.4 mm / 6 inch	590	11700	12 – 14	>107
HB 45	177.8 mm / 7 inch	152.4 mm / 6 inch	203.2 / 8 inch	177.8 mm / 7 inch	590	16200	12 – 14	>107
HB 50	228.6 mm / 9 inch	203.2 mm / 8 inch	152.4 mm / 6 inch	228.6 mm / 9 inch	840	21600	14 – 16	>107
HB 60	304.8 mm / 12 inch	254 mm / 10 inch	203.2 / 8 inch	304.8 mm / 12 inch	840	42100	14 – 16	>107

The data listed above is to be understood as reference – the project-specific limitations are determined by soil conditions and drilling depth.