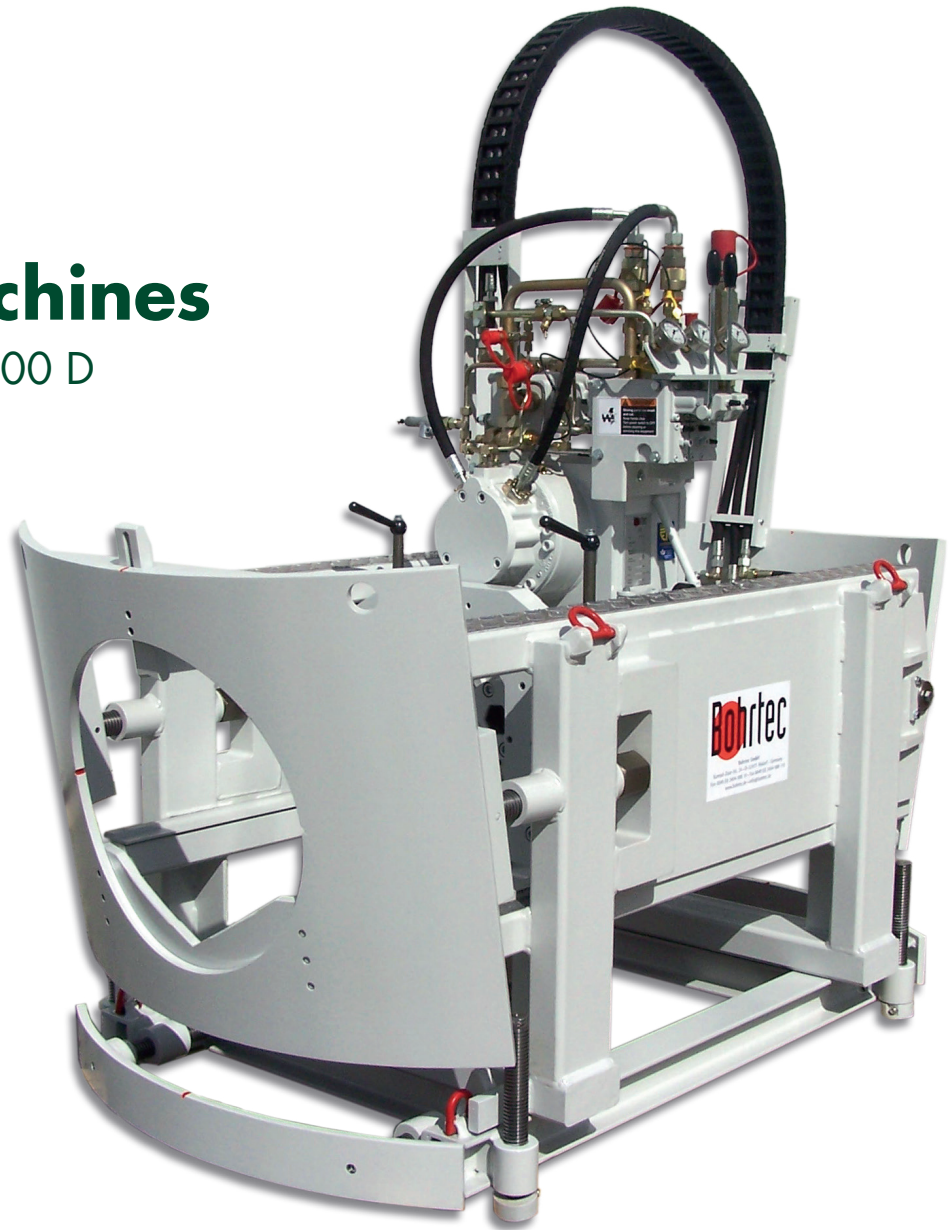


# Compact Machines

BM 150 D / 150 DT / 200 D

400 S / 500 S



**BM 150 D**  
**BM 150 DT**  
**BM 200 D**

**BM 400 S**  
**BM 500 S**



# Technical Data

Compact Machines		BM 150 D	BM 150 DT	BM 200 D	BM 400 S	BM 500 S
<b>Jacking mechanism</b>						
Jacking force	[kN]	250	156	500	1.250	2.000
Retracting force	[kN]	150	93	250	500	800
Piston stroke	[mm]	300	430	250	630	800
<b>Boring mechanism</b>						
Torque (max.)	[Nm]	4.000	4.000	8.500	20.000	30.000
Speed (max.)	[rpm]	70	70	120	50	48
Speed of core drill	[rpm]	130	130	120	-	-
Auger connector	[mm]	41	41	60	80	80
<b>Measures and weight of machine</b>						
Length machine	[m]	1,40	1,20	2,00 <sup>1</sup>	2,00	3,20
Width machine	[m]	0,90	0,90	1,00	1,20	2,10
Weight machine	[kg]	650	600	1.250	2.600	5.500
<b>Pipe diameter and height of axis</b>						
OD of pipes (max.)	[mm]	280	280	406	620	1.020
Height of machine axis	[mm]	330	-	500	800	1.050
<b>Launch shaft</b>						
Length launch shaft	[m]	1,40	1,20	2,00 <sup>2</sup>	2,00	3,20
Width launch shaft (min.)	[m]	Width of machine plus working space				
Circular diameter launch shaft (min.)	[m]	1,50	Tunnel ID 1200	2,00	2,00	3,20
<b>Power unit</b>						
Name of unit		HD24	HE24	HD55	HD55	HD75
Type of motor		Diesel	Electric	Diesel	Diesel	Diesel
Power	[kW]	24	24	55	55	75
Type of pump		constant	constant	power controlled	power controlled	power controlled
Pressure max.	[bar]	250	250	320	320	320
Flow rate	[l/min]	48	48	132	132	200
Oil tank capacity	[l]	100	100	230	230	400
Fuel tank capacity	[l]	50	-	90	90	400
<b>Measures and weight of power unit</b>						
Length power unit	[m]	1,45	2,10	2,35	2,35	3,00
Width power unit	[m]	0,90	0,70	1,20	1,20	2,30
Height power unit	[m]	1,20	0,90	1,90	1,90	2,25
Weight power unit	[kg]	800	750	1.600	1.600	4.000

<sup>1</sup> extendable / <sup>2</sup> without frame extension

All systems are subject to changes without prior notice. We do not take any liability for printed errors and/or mistakes.