

# Compact Machines

BM 400 S / 400 SX / 500 S



**BM 400 S**  
**BM 400 SX**

**BM 500 S**



# Technical Data

Compact Machines		BM 400 S	BM 400 SX	BM 500 S
<b>Jacking mechanism</b>				
Jacking force	[kN]	1.250	1.250	2.000
Retracting force	[kN]	500	650	800
Piston stroke	[mm]	630	260	800
<b>Boring mechanism</b>				
Torque (max.)	[Nm]	20.000	20.000	30.000
Speed (max.)	[rpm]	50	50	48
Stroke of gearbox movement	[mm]	-	140	200
Auger connector	[mm]	80	80	80
<b>Measures and weight of machine</b>				
Length machine	[m]	2,00	2,00*	3,20
Width machine	[m]	1,20	1,25	2,10
Weight machine	[kg]	2.600	2.600	5.500
<b>Pipe diameter and height of axis</b>				
OD of pipes (max.)	[mm]	620	720	1.020
Height of machine axis	[mm]	800	800	1.050
<b>Launch shaft</b>				
Length launch shaft (min.)	[m]	2,00	2,00	3,20
Width launch shaft (min.)	[m]	Width of machine plus working space		
Diameter circular launch shaft (min.)	[m]	2,00	2,00	3,20
<b>Power unit</b>				
Name of unit		HD55	HD55	HD75
Type of motor		Diesel	Diesel	Diesel
Power	[kW]	55	55	75
Type of pump		power controlled	power controlled	power controlled
Pressure (max.)	[bar]	320	320	320
Flow rate (max.)	[l/min]	132	132	200
Oil tank capacity	[l]	230	230	400
Fuel tank capacity	[l]	90	90	400
<b>Measures and weight of power unit</b>				
Length power unit	[m]	2,35	2,35	3,00
Width power unit	[m]	1,20	1,20	2,30
Height power unit	[m]	1,90	1,90	2,25
Weight power unit	[kg]	1.600	1.600	4.000

\*without frame extension