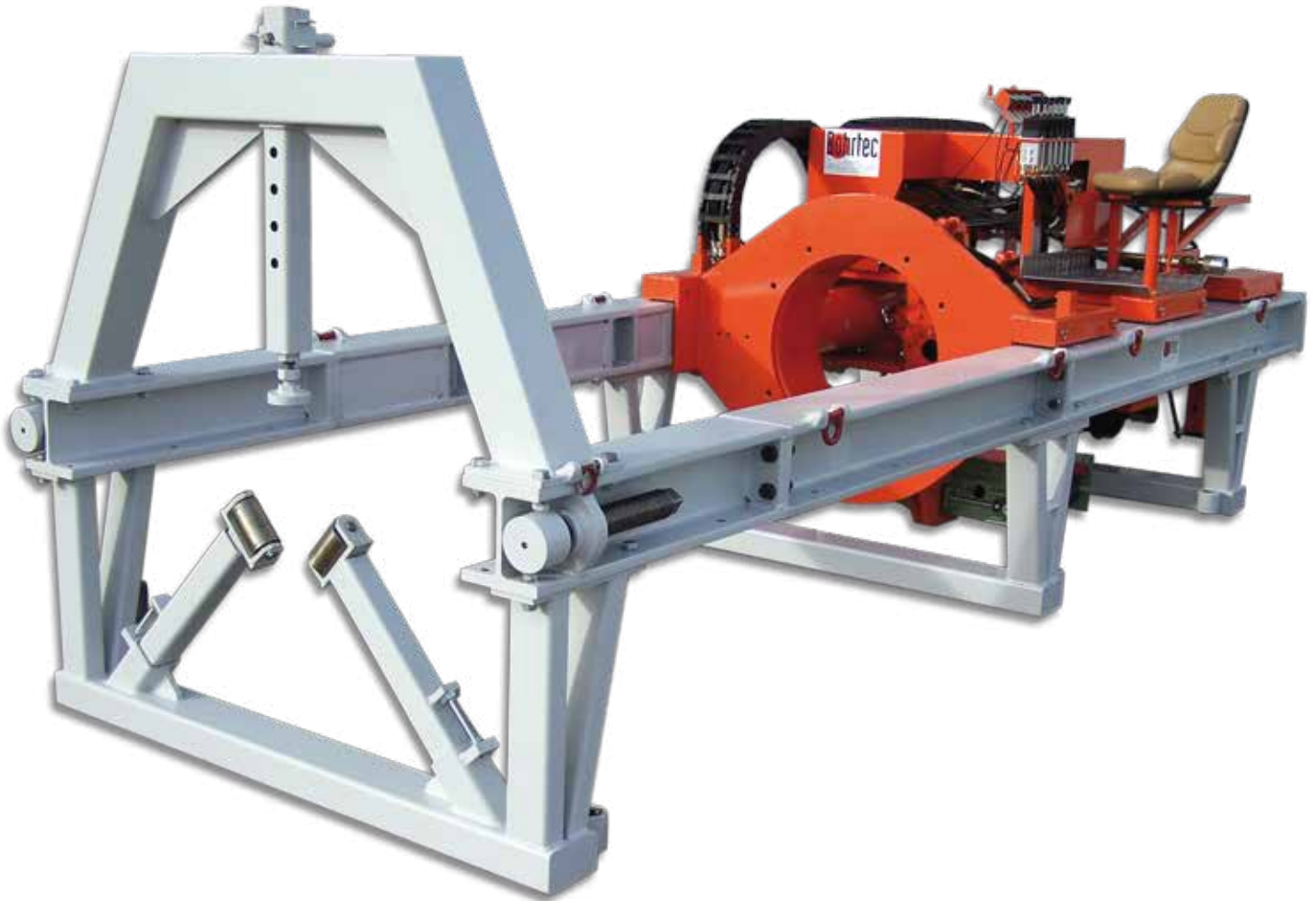




Long Frame Machines

BM 400 LS / 600 LS / 800 L / 800 LS



BM 400 LS
BM 600 LS

BM 800 L
BM 800 LS



Technical Data

Long Frame Machines		BM 400 LS	BM 600 LS	BM 800 L	BM 800 LS
Jacking mechanism					
Jacking force	[kN]	1.500	2.400	3.150	3.150
Retracting force	[kN]	500	800	1.500	1.500
Piston stroke	[mm]	600	1.100	1.200	1.200
Boring mechanism					
Torque (max.)	[Nm]	20.000	30.000	50.000	90.000
Speed min./max.	[rpm]	20/62	21/67	15/42	13/40
Stroke of gearbox movement	[mm]	250	390	390	390
Force of gearbox movement	[kN]	250	400	610	610
Auger connector	[mm]	80	80	100	130
Measures and weight of machine					
Length machine	[m]	2,27*	3,50*	4,05*	4,05*
Width machine	[m]	1,54	1,94	2,15	2,15
Weight machine	[kg]	2.900	5.600	9.000	10.000
*The length of pipes in [m] is to add					
Pipe diameter and height of axis					
OD of pipes (max.)	[mm]	980	1.200	1.600	1.600
Height of machine axis	[mm]	750	850	1.200	1.200
Launch shaft					
Length launch shaft	[m]	Length of machine* plus length of thrust block			
Width launch shaft (min.)	[m]	Width of machine plus working space			
*The length of pipes in [m] is to add					
Power unit					
Name of unit		HD55	HD75	HD124	HD160
Type of motor		Diesel	Diesel	Diesel	Diesel
Power	[kW]	55	75	124	160
Type of pump		power controlled	power controlled	power controlled	power controlled
Pressure max.	[bar]	320	320	320	320
Flow rate	[l/min]	132	200	260	410
Oil tank capacity	[l]	230	400	600	600
Fuel tank capacity	[l]	90	400	400	400
Measures and weight of power unit					
Length power unit	[m]	2,35	3,00	2,80	4,00
Width power unit	[m]	1,20	2,30	2,20	2,30
Height power unit	[m]	1,90	2,25	2,50	2,50
Weight power unit	[kg]	1.600	4.000	4.300	5.200