

Micro Tunnel Boring Machine

Palmieri 800XC



Description :

For sale Micro Tunneling Machine 800XC - Boring Diameter 1110 mm

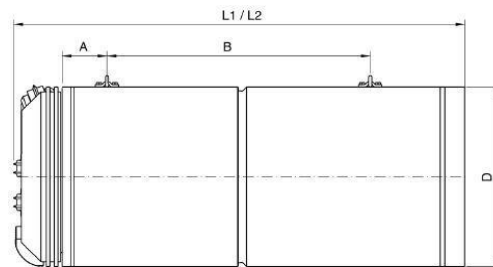
Main Technical Specification:

Manufacturer:	Palmieri - TSM
Type:	800XC
Serial Number Machine:	
Year of Manufacture:	2010
Outside Diameter (OD):	1110 mm
Steering Cylinders:	3
Stroke of Steering Cylinders (S):	50 mm
Max. Pressure of Steering Cylinder:	500 bar
Steering Capacity Per Cylinder: extend / retract	392/ 200 kN
Total Steering Force :extend / retract	1176/ 600 kN
Jack Frame Total Force:	5200 KN

Micro TBM

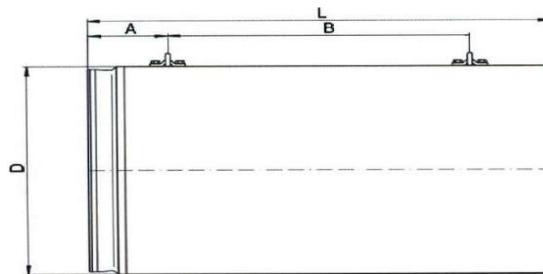
Motor:	1
Constant Torque:	75000 Nm
Cutter Head Revolution:	0-10 RPM

Turn Direction:	Left / Right
Diameter	1110 mm
length Without Cutting Wheel	2488 mm
Length With Cutting Wheel :	2744 mm
Max. PipeL length (Distance control joint - shield tail end):	1571 mm
Length of Steering Head With Cutting Wheel	1178 mm
Distance (A)	278 mm
Distance (B)	1518 mm



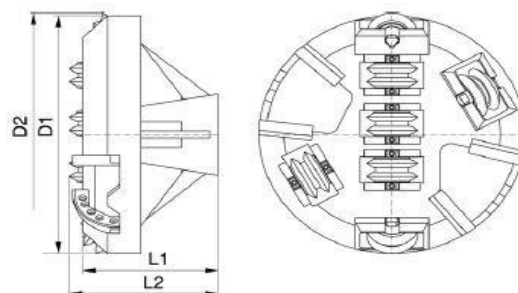
Machine Can 2

Length (L):	2500 mm
Diameter	1110 mm
Number of Lifting Point:	2
Distance (A):	600 mm
Distance (B):	1300 mm
Weight :	1470 KG



Cutting Wheel

Diameter: D	1100 mm
Cutting Diameter: D1	1140 mm
Length Inclusive Tools: L2	610 mm
Length Without Tools: L1	678 mm
Weight:	1350 KG



Control Container

Part No	TSM-2010-1158
PLC:	Siemens S7 400
Drive Power of Hydraulic Pump (Cutting wheel):	110 KW
Drive Power of Hydraulic Pump (Jacking Cylinders):	37 KW
Drive Power of Hydraulic Pump (Steering):	7.5 KW
Electrical Power (Compressor):	1,7 KW
Installed Power of Frequency Converter Feed Pump:	55 KW
Installed Power of Frequency Converter Slurry Pump Tunnel:	45 KW
Installed Power of Frequency Converter Slurry Pump Shaft:	45 KW
Capacity of Hydraulic Tank:	1500 liters

