

## Micro Tunnel Boring Machine

### MTS2400



### Description

**For sale Micro Tunneling Machine MTS2400 - Boring Diameter 3010 mm**

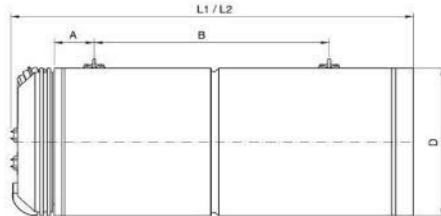
#### Main Technical Specification:

Manufacturer:	MTS, Germany
Type:	2400 AB
Serial Number Machine:	
Year of Manufacture:	2011
Outside Diameter (OD):	2960 mm
Steering Cylinders:	3
Stroke of Steering Cylinders (S):	50 mm
Max. Pressure of Steering Cylinder:	350 bar
Steering Capacity Per Cylinder: extend / retract	1145/ 636 kN
Total Steering Force F:extend / retract	4580/ 2544 kN
Jack Frame Total Force:	14000 KN

#### Micro TBM Drive Can

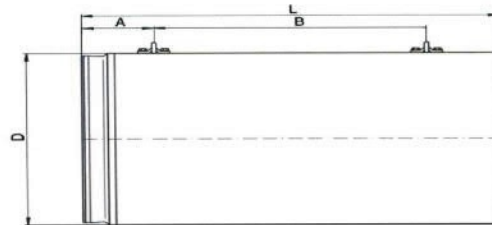
Motor:	1 , Hydraulic driven
Drive Power of Hydraulic Pump (Cutting wheel):	160 KW
Constant Torque:	780 kN
Cutter Head Revolution:	0-4.5 RPM
Turn Direction:	Left / Right
Drive Power of Hydraulic Pump (Steering ):	7.5 KW

Diameter	2960 mm
length Without Cutting Wheel	3989 mm
Length With Cutting Wheel :	4449 mm
Distance (A)	498 mm
Distance (B)	2046 mm



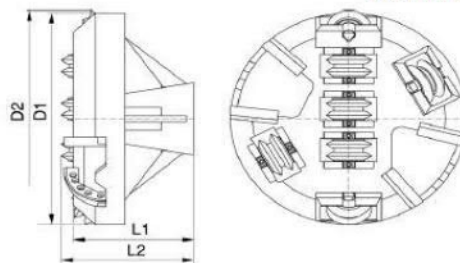
**Machine Can 2**

Length (L):	3203 mm
Diameter	2930 mm
Number of Lifting Point:	2
Distance (A):	625 mm
Distance (B):	1946 mm
Weight :	15850 KG



**Cutting Wheel**

Diameter: D2	3010 mm
Cutting Diameter: D1	2940 mm
Length Inclusive Tools: L2	1173 mm
Length Without Tools: L1	1293 mm
Weight:	14640 KG



**Control Container**

Part No	
PLC:	Siemens S7 400
Drive Power of Hydraulic Pump (Jacking Cylinders):	55 KW

Electrical Power (Air cooling):	2.2 KW
Installed Power of Frequency Converter Feed Pump:	90 KW
Installed Power of Frequency Converter Slurry Pump Tunnel:	90 KW
Installed Power of Frequency Converter Slurry Pump Shaft:	90 KW
Capacity of Hydraulic Tank:	4000 liters

