تونل ساز ماشین
TUNNEL SAZ MACHINE (L.T.D)

TSM - AVN 800XC

Technical Specifications Catalog

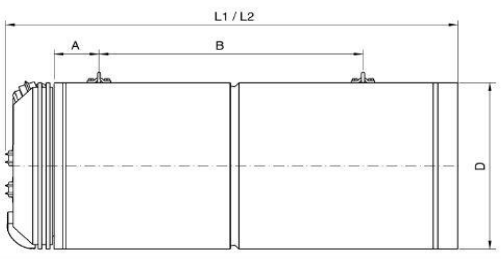


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TECHNICAL SPECIFICATIONS

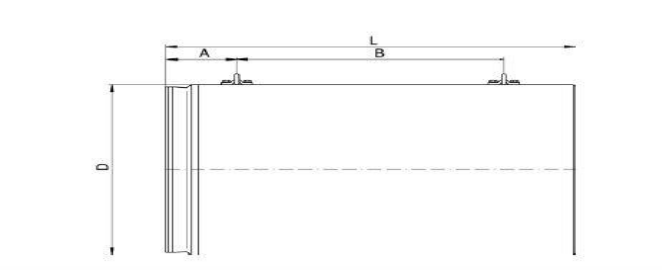
Manufacturer	Herrenknrcht AG, Germany	
Type	AVN 800XC	
Serial No.	30043956	
Year of Manufacture	2003	
Outside Diameter (OD)	1110	mm
Steering Cylinders	3	Nos.
Strock of Steering Cylinders (S)	50	mm
Max. Pressure of Sterring Cylinder	500	Bar
Steering Capacity Per Cylinder: Extend / Retract	392/200	kN
Total Steering Force F: Extend / Retract	1176/600	kN
Jack Frame Total Force	5200	kN

Motor	1	No.
Constant Torque	75000	Nm
Cutter Head Revolution	0-5	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



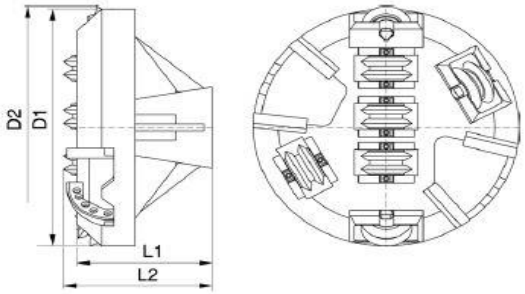
MACHINE CAN 2

Length (L)	2500	mm
Diameter	1100	mm
No. of Lifting Point	2	Nos.
Distance (A)	600	mm
Distance (B)	1300	mm
Weight	1470	kgs



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	kgs



CONTROL CONTAINER

Part No.	30043955	
PLC	Siemens S7 400	
Drive Power of Hydraulic Pump (Cutting wheel)	132	KW
Drive Power of Hydraulic Pump (Jacking Cylinders)	30	KW
Drive Power of Hydraulic Pump (Streering)	2.2	KW
Electrical Power (Compressor)	1.7	KW
Installed Power of Frequency Converter Feed Pump	55	KW
Installed Power of FrequencyConverter Slurry Pump Tunnel	45	KW
Installed Power of Frequency Converter Slurry Pump Shaft	45	KW
Capacity of Hydraulic Tank	1500	Litre