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AVN1200TB microtunneling system with optionally extension kit DN1400 or DN1500

SOLD

AVN1200TB microtunneling system with optionally extension kit DN1400 or DN1500

We offer as part of our stock a younger AVN1200TB machine. The system did less than 1 KM of work and has been idle for a few years before we bought it. The machine is equipped with a strong peripheral drive of 4 hydraulic motors and has a 132 KW hydraulic power pack. The system can be offered as a complete working package. Currently available are all necessary components to make about 500 m tunnel length. There is a mixed grond wheel or rock wheel available for the base diameter machine plus as option in addition also an extension kit to DN1400 with standard wheel and an extension kit DN1500 with a mixed soil cutting wheel.



There is also a compact jacking frame of 520 Ton available for the system.

We also do have the necessary pumps and guidance systems.

We do have a number of slurry separation plants in stock as well

The equipment would be supplied in serviced condition with warranty.
 The equipment can be inspected in Germany.

Technical data microtunnelling machine AVN1200TB

Shield diameter	1505	mm
Shield length	3	m
Main drive max. torque	260	KNm
Cutting wheel revomution	0-7	RPM
Number steering cylinders	3	Pcs
Capacity steering cylinders	770	KN
Stroke steering cylinders	60	mm
Bypass diameter	125	mm
Trailing can	J	J/N
Trailing can length	3	m

Power pack installed in trailing can	J	J/N
Capacity power pack	132	kW

Technical data operating container

Hydr. Pump main & interjacks	0-80	L/min
Hydr. Pump main & interjacks	37	KW
Hydr. Pump main & interjacks	420	bar
Hydr. Pump main drive machine	NA	L/min
Hydr. Pump main drive machine	NA	KW
Hydr. Pump main drive machine	NA	bar
Hydraulic Tank capacity	1500	L
Hydraulics for Interjack stations	3	Pcs
Hydraulics for steering cylinders	4	Pcs
Frequency converter Feed pump	55	KW
Frequency converter Slurry pump shaft	45	KW
Frequency converter Slurry pump tunnel	45	KW
Frequency converter Slurry pump II tunnel	NA	KW
Transformer to powerpack machine	165	KVA
Transformer to powerpack machine	NA	KVA
Diameter flow meters	125	mm
Total Trust	5200	KN
Maximum pipe OD	1850	mm
Total stroke	3450	mM
Minimum shaft length	5	m
Minimum shaft width	4	m