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Microtunnelling machine AVN2400AB Herrenknecht with Hydraulic Power Pack, Airlock and Mixed Ground Cutting.

Microtunneling machine AVN2400AB (OD 3025mm) with hydraulic power pack, air lock and mixed Mixed Ground Cutting Wheel.

Built in 2016 and did only 1200 meter of tunnel works. Airlock even never has been used!

- Articulated shield with face support / excavated material transportation by slurry.
- Slurry feed by 6 nozzles into crusher / excavation chamber and 2 nozzles to area around slurry discharge pipe. All nozzles (crusher/excavation) are equipped with interchangeable nozzles inserts for different nozzle diameters to run in medium pressure mode.
- Integral conical stone crusher behind cutting wheel.
- Face access for cutter inspection / change.
- Central drive unit with splined shaft for reliable, heavy duty torque transmission to cutting wheel.
- Standard desing for groundwater up to 3 bar.
- Connection to remote control container via electrical cables and control cable.



For Sale & For Rent

A) MACHINE AVN2400AB

Shield diameter	3025	mm
Shield length	5800	mm
Weight	51500	kg
Maximum torque intermittent	1200	KNm
Variable speed bi-directional	0-6.4	RPM
Number steering cylinders	4	Pcs
Capacity steering cylinders	690	KN
Stroke steering cylinders	100	mm
Bypass diameter	200	mm
Rated Power	315	kW

B) MACHINE CAN 2 WITH POWER PACK

Shield diameter	3000	mm
Shield length	3200	mm
Weight	10000	kg
Installed el. Power cutting wheel drive	315	kW
Installed el. Power telescope station/IJS	55	kW
Supply voltage	960	V
Outlets for IJS	3	n°
Feed line cooler	Y	Y/N

C) AIRLOCK

Air lock Max. working pressure	3.0	bar
Air Lock capacity Main chamber	3	person
Air Lock capacity Emergency chamber	2	person

D) MIXED CUTTING WHEEL

Cutting diameter	3081	mm
Max. UCS	80	MPa
Chisel	14	N°
Chisel width	100	mm
Scraper	16	N°
Cutting discs	12	N°
Cutting discs diameter	305	mm
Tooling system	backload	