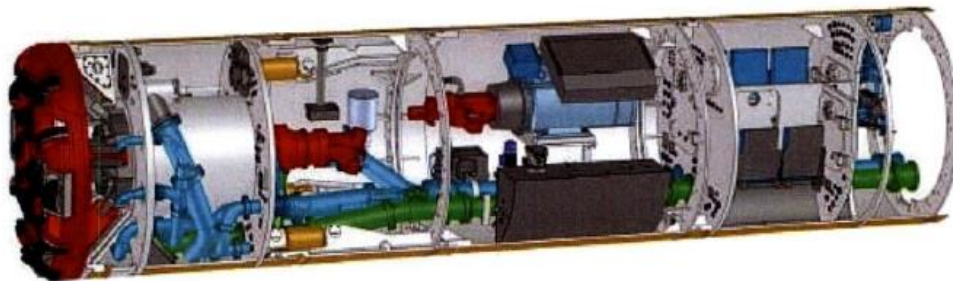


Micro Tunnel Boring Machine AVN2000 AB with Airlock FOR SALE



Description

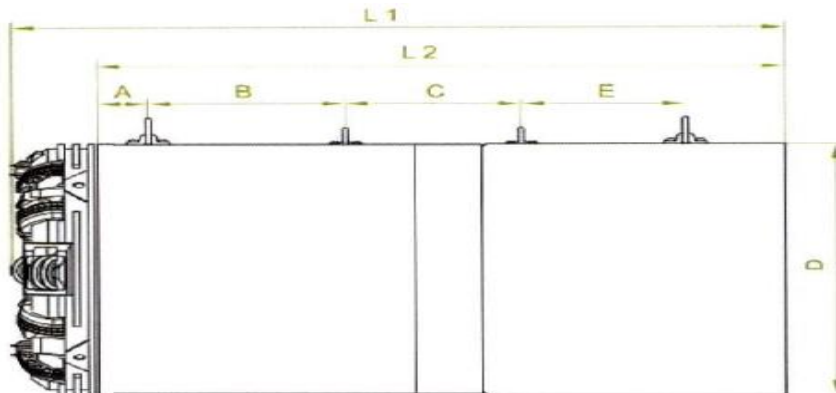
For sale Micro TBM AVN 2000AB
Boring Diameter 2425 mm

Main Technical Specification

| | |
|---|---------------------------------|
| Manufacturer: | Herrenknecht AG, Germany |
| Type: | AVN2000AB |
| Serial Number Container / Machine: | M-1027 C / M-1028 M |
| Year of Manufacturer: | 2005 |
| Outside diameter (OD): | 2425 mm |
| Steering cylinders: | 4 nos. |

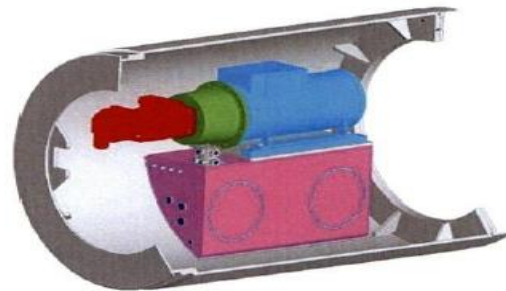
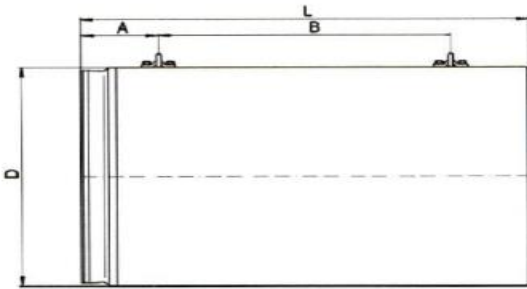
TBM

| | |
|--|---------------------|
| Installed Power: | 315 KW |
| Motor: | 1 |
| Constant Turque: | 620 KNm |
| Cutterhead revolution: | 0 - 3.3 RPM |
| Turn direction: | Left / Right |
| Length with cutting wheel (L1): | 4118 mm |
| Distance (A) | 378 mm |
| Distance (B) | 2325 mm |



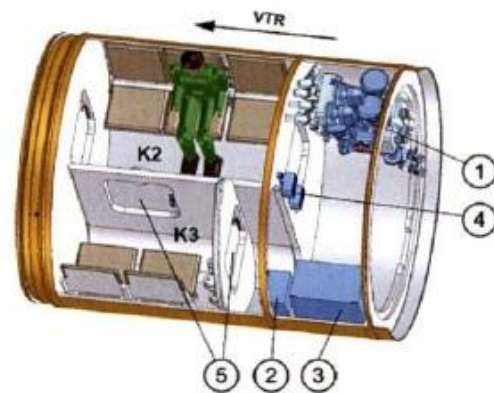
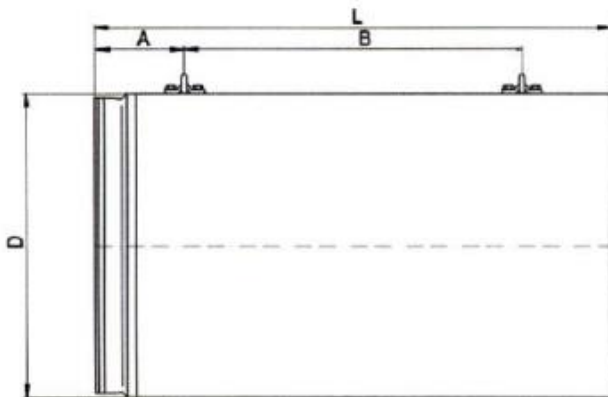
Machine Can 2

| | |
|-------------------------------------|-----------------|
| Length (L): | 3168 mm |
| Distance (A): | 640 mm |
| Distance (B): | 1930 mm |
| Weight without machine can 2 | 10600 kg |



Airlock

| | |
|-------------------------------------|-----------------|
| Operation Pressure: | 3.6 bar |
| Pressure Test: | 5.4 bar |
| Diameter (D): | 2410 mm |
| Length (L): | 3030 mm |
| Distance (A): | 580 mm |
| Distance (B): | 20140 |
| Weight without machine can 2 | 11050 mm |



Control Container

| | |
|---------------------|-----------------------|
| Type: | C003 |
| PLC: | Siemens S5 |
| Dimensions (L/W/H): | 6055 / 2435 / 2800 mm |
| Weight: | 12000 kg |

Jacking Station

| | |
|--|---------------|
| Minimum height shaft bottom / tunnel axis (H): | 1476 mm |
| Max. pipe length: | 4000 mm |
| Max. pipe outside diameter: | 2400 mm |
| Number of lifting point: | 4 |
| Distance for F/2 (F): | 887 mm |
| Distance for F/2 (F1): | 693 mm |
| Part No. of Jacking cylinder: | 20001047 |
| Number of jacking cylinder: | 4 no. |
| Stroke jacking cylinders (S): | 4000 mm |
| Max. pressure per cylinder (push/pull): | 500 / 200 bar |
| Jacking force per cylinder: | 3500 kN |
| Total jacking force F: | 14000 kN |

