



SOFT GROUND MICROTUNNELING MACHINE FOR GUIDED DRILLINGS BM500



SPECIFICATIONS

- Jacking Force: 359,694.3 (lbf)
- Torque: 17,701.46 (lbf)
- Retraction force: 179,847.2 (lbf)
- Augering Speed: 60 (rpm)
- Hydraulic Pressure: 4,351.13 (psi)
- Hydraulic Cylinder Stroke: 3 x 29.52"
- Weight of Unit: 12,125.41 (lbs)

DIMENSIONS of Frame

- Length: 10.49'
- Width: 6.56'
- Launch Shaft Min Size: 10.5' Round or Rectangular

1. Main Application:

- Line & Grade Accurate Auger Bores with guidance system, CCTV Monitored, Completed in three phase Procedure.

2. Machine Capabilities:

- Installation Pipe Diameters (12" to 32" ID) (Max 39" OD)
- Capable Drive Lengths (up to 400'LF)

3. Ground and Water Conditions:

- Able to work in displaceable soils of the classes LNE 1 to 3, LNW 1 to 3, LBM 1 to 3, LBO 1 to 3 according To DIN 18319. Also Underground water using double wall pilot rods and groundwater auger.

4. Limitations:

- Single Stones up to approximately 3.15" to 4.7" can be displaced by the pilot rod (if the surrounding Ground has a loose consistency) or can be transported while jacking.

