



SOFT GROUND MICROTUNNELING MACHINE FOR GUIDED & UN-GUIDED DRILLINGS BM600LS



SPECIFICATIONS

- Jacking Force: 539,541.5 (lbf)
- Torque: 22,186.83 (lbf)
- Retraction force: 247,289.8 (lbf)
- Augering Speed: 21 to 67 (rpm)
- Hydraulic stroke of Gearbox Movement: 15.35"
- Force of Gearbox Movement: 89,923.58 (lbf)
- Hydraulic Pressure: 5,076.32 (psi)
- Hydraulic Cylinder Stroke: 43.3"
- Weight of Unit: 10,141.25 (lbs)

DIMENSIONS of Frame

- Length: 11.48' + the desired pipe length
- Width: 6.03'
- Launch Shafts size varies with pipe length

1. Main Application:

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

2. Machine Capabilities:

- Installation Pipe Diameters (Max 47" OD)
- Capable Drive Lengths (up to 400'LF)

3. Ground and Water Conditions:

UN-GUIDED

- Able to work in all soils conditions
- Able to work in rock up to consistency of FZ2 Class. FZ 2 according to DIN 18319

GUIDED

- Able to work in Displaceable Soils of the classes LNE 1 to 3, LNW 1 to 3, LBM 1 to 3 as well as LBO 1 to 3 According to DIN 18319. Also under ground water conditions.

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.

