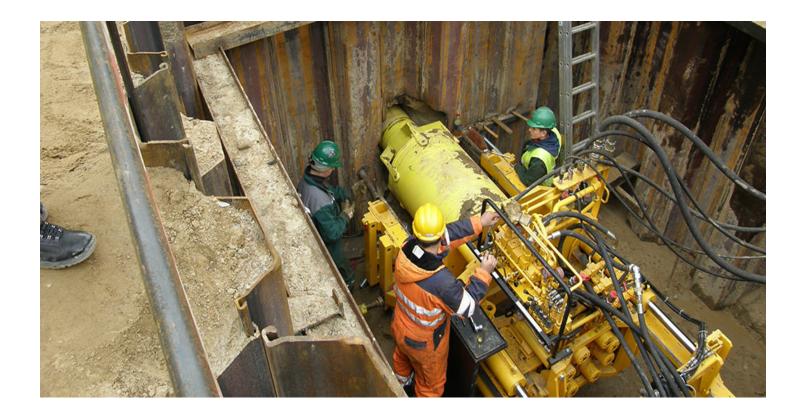
THRUST BORING MACHINES



THRUST BORING MACHINES

Sewer Construction Machines

Diameter:	121 mm to 1016 mm
Features:	 Sector of house-hold service connections For controlled and uncontrolled trenchless supply and disposal line construction In small excavation pits as well as in round pits with a diameter of minimum 2 m Supplement with extension frames of different lengths possible Special feature: create house connections starting from collecting pits

Pipeline Construction Machines

Diameter:	324 mm to 1720 mm
Features:	 For controlled and uncontrolled trenchless pipeline construction Install lost or reusable steel protection tubes Jacking pipes made of reinforced concrete, fiberglass, Polycrete, etc. Robust design, high jacking forces and torques up to 100,000 Nm Supplement with extension frames of different lengths possible

Pipe Rehabilitation Systems

Diameter: 80 mm to 324 mm

- Small and robust machines for trenchless renewal of gas, water and waste water pipes
- Driven by a hydraulic unit
- Renew pipes made of concrete, ductile cast iron, fibre cement, gray iron, ceramics, plastics and steel

Features:

- Shards can be cemented into the ground by means of a high pressure cementing unit
- Old pipes may be withdrawn from the ground and are replaced by new ones, at the same time
- In difficult excavation pit conditions or in sidewalk areas

Equipment for Thrust Boring Technology

Drive Components

• Hydraulic power pack

Control Systems

- Optical Elektronical Navigation (OEN) including GPS
- Perfordat for pipe steering systems

Tools

- Pipe steering systems from 500mm to 1200mm
- PUD reamer (mts Perforator Underground Drilling)
- Hollow drill auger systems
- Pilot rods
- Auger

Bentonite Systems

• Mixing equipment & pump for bentonite

Categories: Thrust Boring, Trenchless Technology.