

**Company:** Since our first drilling rig went out into the field in 1988, **EGTECHNOLOGY** has been creating firm foundations for our company in the worldwide soil improvement equipment market. Today our market presence continues to grow with EGT rigs operating on some of the most prestigious projects on the world map.

**EGT Mission:** To create versatile, powerful rigs for a wide range of drilling applications:

- **Micropiles**
- **Soil investigation**
- **Anchors**
- **Drainage**
- **Geothermal drilling**
- **Nails**
- **Jet grouting**
- **Forepoling**
- **Trenchless technology**



### GEOTHERMAL DRILL RIG

Most geothermal drilling rigs operate a double head system for inner rod and casing, over a drilling depth range of 120-280m. Once at the desired depth, the rods are removed and thermal tubes are deposited within the casing. The cavity between the ground and casing is then filled in with a grout mix and then the casing can be recovered for re-use in the next geothermal bore.

The range includes vertical and multipurpose rigs with single or double heads offering different rotary strokes, powerful performance and accessories specially studied to improve safety and productivity.

### MD LINE: MULTIPURPOSE DRILL RIG

**for tie-back, anchors, nails, micropiles**

Powerful performance, one rig for multiple applications

Versatile mast articulation and fifth wheel for 360° drilling, mast 90° rotation system to drill up against retaining walls. Safe remote control for clear all-round vision improves operator safety.

**Rotary stroke:** 1.170-10.200 mm

**Weight range:** 7.500-23.000 kg

**Torque range:** 9.750-32.000 Nm



### VD LINE: VERTICAL DRILL RIG

**for tie-back, anchors, nails, micropiles**

Impressive rotary stroke to 12.5m, single pass jet grouting up to 35m.

Modular design means flexible configuration to suit job site needs

Mini-rigs for high yield drilling in confined spaces with VD standard clamp-rotary combinations

**Rotary stroke:** 1.200-12.500 mm

**Weight range:** 5.100-34.000 kg

### TD LINE: TUNNEL DRILL RIG

**For forepoling, RPU method, micropiles and jet grouting**

Single, twin or triple mast models.

Automatic fiberglass nails, steel re-bars or casing drivers and extractors available.

Innovative accessories for safe precision drilling.

**Rotary stroke:** 18.000 mm

**Drilling depth:** 24.000 mm (max)

**Weight range:** 48.000-110.000 kg





**HD LINE: HORIZONTAL DRILL RIG**

Trenchless technology applications from fibre-optic cable laying to major gas pipelines. Horizontal drilling systems with impressive pullback and rapid set-up for minimum obstruction in urban areas. Full range of ancillary equipment such as mixing, pumping and de-sanding units (service containers or stand-alone units), rods and drill bits. Sophisticated electronic guidance systems for maximum drilling precision.

- Pullback:** 200.000-4.000.000 N
- Pulldown:** 130.000-4.000.000 N
- Weight range:** 8.000-45.000 kg
- Torque range:** 8.000-200.000 Nm

**Design Technology:**

EGT blends technical know-how, rigorous quality control and superior quality components to create a tough drilling rig for solid, reliable performance in the most extreme conditions. We aim to reduce costly downtime with rapid maintenance procedures and elimination of irritating faults to improve return on investment and to ensure that your job gets done on time.



**Design Philosophy:**

EGT is continually studying and developing innovative features and systems to improve operator comfort and safety. The EGT design team is dedicated to creating a rig with maximum flexibility, power and operator safety.



**Complete Service:**

EGTECHNOLOGY provides a full range of back-up services including ancillary equipment, operator training and unit rental. EGT also provides in loco technical assistance (upon request) with specialist engineers available to advise on job-site operations and propose the right technologies to make your drilling project more productive.



**Location:**

EGTECHNOLOGY's plant and offices are located in Parma, Italy, at the hub of major national road and rail networks for excellent communications and logistics.



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