

TURMAG DRILLING MACHINE



The Weldgrip Turmag is a hand held rotary drilling machine with sealed roller bearings and a pneumatic drive. It can be used with auger rods for dry drilling, or turbine scrolls for wet or air flush applications.

It's light weight and high power make it ideally suited for rope access work.

The Turmag has been developed in accordance with state of the art technology with regard to efficiency, handling and operational safety.

■ **Lightweight Machine**

Easy to hold and use.

■ **Plastic Housing**

Protects the machine from damage and reduces operational vibration.

■ **Rotary Valve Handle**

For ease of operation. Spring loaded safety feature to prevent operation of machine when not in use.

■ **Centrifugal Governor**

A fail safe integral part of the machine which prevents overspeed in idle running mode.

■ **Integral Gear Lock**

Used for withdrawing stalled rods.

Turmag Drilling Machine

Applications

- **ROCK NETTING of cliff faces.**
Drilling and installation of netting retention anchors.
- **ROCKBOLTING of cuttings.**
Drilling and installation.
Hole lengths of up to 10 metres can easily be drilled in medium to soft strata.
- **SOIL NAILING embankments.**
Drilling soil reinforcement holes up to a depth of 10 metres.
- **GABION BASKET anchors.**
Drilling and installation of anchors for additional stability.
- **TUNNELLING supports.**
Drilling and installation of additional temporary rockbolt supports.
- **TUNNEL refurbishment.**
Drilling and installation of rockbolts for temporary or permanent support.



Specification

Operating Pressure	4 -7 Bar 60 -100 psi
Rotational Motor Rating	2.5 kW
Rotational Speed	1,000 rpm
Nominal Torque	24 Nm
Starting Torque	42 Nm
Noise Emission	91 dB(A)
Air Consumption at nominal rated speed	4m ³ /min
Dynamic Braking and Speed Limitation	(Integrated Centrifugal Governor)
No-load Speed	1600 rpm
Gear Lock	Manual
Water Flush (Water Injection head only)	5-25 l/min

Dimensions

Length	185mm
Width	660mm
Height	124mm
Weight	7.7 kg

Drilling

Working length of drill	1.0/10.0 m
Drill hole diameter	25/50 mm

Machine Pressure Tested by Lloyds Beal Test Centre



The Turmag on a two stage air leg.



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