



# 100,000MAX EARTH DRILL



## PART OF THE HEAVY DUTY RANGE

With 100,000NM of Torque, this drive is the perfect choice for high torque application on excavators between 21T – 50T.

Whether you are looking for pre-augering, core barerlling, hard rock augering, this unit has been proven to work in the toughest conditions and at times in restrictive locations.

From drilling through bluestone rock in Southern Australia to landfill sites in France, screw piling as part of an airport expansion in Thailand or defence retaining walls on the sea front in Scotland – this unit has been tried and tested.

Auger Torque can offer you the full solution for your application requirement including alignment and data logging tools.



### AXIAL PISTON MOTOR

Axial Piston Motors allow us to run a single speed motor. By using an axial piston motor with our drive we can have a high speed motor but still achieve high torques through the gearbox multiplication. At maximum flow we achieve 15 rpm.

### EPICYCLIC GEARBOX

Torque is amplified by using the unique Auger Torque planetary gearbox. This system allows the motors output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.

### SINGLE PIECE NON-DISLODGE MENT SHAFT

As standard with all of our auger & screw pile drives, our patented single-piece non-dislodgement shaft is of course a standard feature. We are so confident in this must have safety feature that we are covering it with a lifetime warranty.



### 150MM HEX SHAFT

The driveshaft is crucial for reliability and it goes without saying that the bigger the better applies here. A shaft is always stronger when machined as a hex and the 150mm diameter is the largest in the industry, especially when looking at compatibility on machine as small as 21T.

[www.augertorque.com](http://www.augertorque.com)

CALL 13 22 12 | EMAIL [sales@augertorque.com.au](mailto:sales@augertorque.com.au)

OR CONTACT YOUR NEAREST DEALER

# 100,000MAX EARTH DRILL

## Features

- ▶ Up to 100,069 Nm of Torque
- ▶ Up to 15 rpm rotational speed
- ▶ Massive 150mm Hex Shaft
- ▶ Large main shaft bearings
- ▶ Non-Dislodgement Shaft
- ▶ Life time non-dislodgement guarantee
- ▶ Low-weight at just over 1T
- ▶ Suitable for tight access applications
- ▶ Single-piece driveshaft
- ▶ Compatible with In-Site range
- ▶ Covered by Auger Torque's industry leading warranty

## Applications

- ▶ Large diameter & deep auger drilling
- ▶ Hard Rock Auger drilling
- ▶ Core barrel drilling
- ▶ Screw Pile installations
- ▶ Pole and mast installations
- ▶ Foundation piles
- ▶ Rail applications

## Specifications

### SUITABLE FOR EXCAVATORS

21 - 50T (42,000 - 110,231 lbs)

Torque Range: 45,746 - 100,069 Nm (33,741 - 73,807 ft-lb)

Oil Pressure Range: 160 - 350 Bar (2321 - 5,076 psi)

Oil Flow Range: 100 - 280 lpm (26.4 - 74.0 gpm)

Speed Range: 5 - 15 rpm

Unit Height: 1,623mm (63.90in)

Unit Diameter: 6636mm (25.04in)

Unit Weight: 1061 kg (2,339 lbs)

### OUTPUT SHAFT

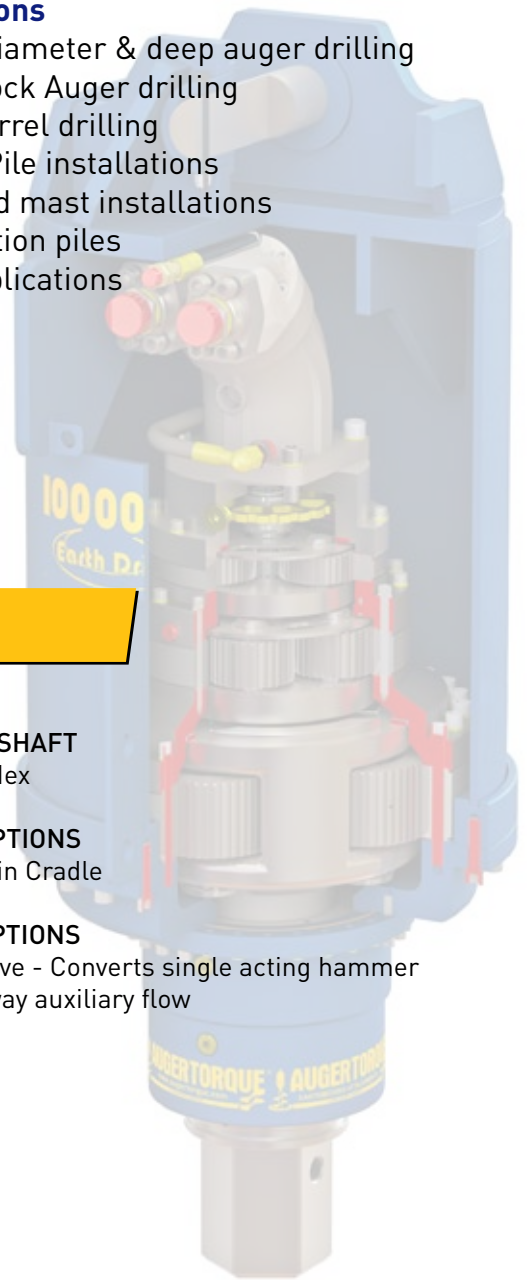
150mm Hex

### HITCH OPTIONS

Double Pin Cradle

### VALVE OPTIONS

2 Way Valve - Converts single acting hammer into a 2 way auxiliary flow



Part of the Auger Torque Earthmoving range

EARTH DRILLS | AUGERS & WEAR PARTS | MULCHERS | TRENCHERS

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