



## HIGHLY ENGINEERED AND BUILT TO LAST

Offering 80,000NM of torque, this is the perfect choice for high torque applications on excavators from 21 to 45T.

And just like all of our planetary drives in our lineup they are highly engineered and built to last.

### 130MM SHAFT

The driveshaft is crucial for reliability and it goes without saying that the bigger the better applies here. Offered as standard with 130mm Square and optional 130mm Hex.



### 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 15rpm.

### 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 SHAFT

Unique to Auger Torque, the Non-Dislodgement Shaft is a single piece drive shaft assembled top down and locked into the Earth Drill housing. This design guarantees that the shaft will never fall out, making for a safer work environment, not only for the operator but also any surrounding workers, a **MUST-HAVE FEATURE** for any safety conscious company.



# 80,000MAX EARTH DRILL

## Features

- ▶ Unique Auger Torque planetary gearbox offering high efficiency and extreme durability
- ▶ Single piece drive shaft
- ▶ Life time non-dislodgement guarantee
- ▶ Heavy duty steel construction
- ▶ Auger Torque's industry leading warranty
- ▶ Compatible with Auger Torques range of Alignment and Torque Monitoring products for **accurate earth drilling applications.**

## Applications

- ▶ Pre-augering
- ▶ Pole and mast installations
- ▶ Foundation piles
- ▶ Screw pile installations
- ▶ Rail applications
- ▶ Deep hole applications
- ▶ Well boring

## Specifications

### SUITABLE FOR EXCAVATORS

21 - 45T (42,000 - 90,000 lbs)

**Torque Range:** 46227 – 80898 Nm (34095 – 56667 Ft Lbs)

**Oil Pressure Range:** 160 – 280 Bar (2,321 – 4,061 psi)

**Oil Flow Range:** 100 - 280 lpm (26 - 74 gpm)

**Speed Range:** 9 - 15 rpm

**Unit Height:** 1,625mm (63.98in)

**Unit Diameter:** 524mm (20.63in)

**Unit Weight:** 760 kg (1,676 lbs)

### OUTPUT SHAFT

130mm (5.125") Square

130mm (5.125") Hex (optional)

(output shaft adaptors available)

### 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 | MAST-BASED DRILLING RIG | TRENCHERS**

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