



## PART OF THE HEAVY DUTY RANGE

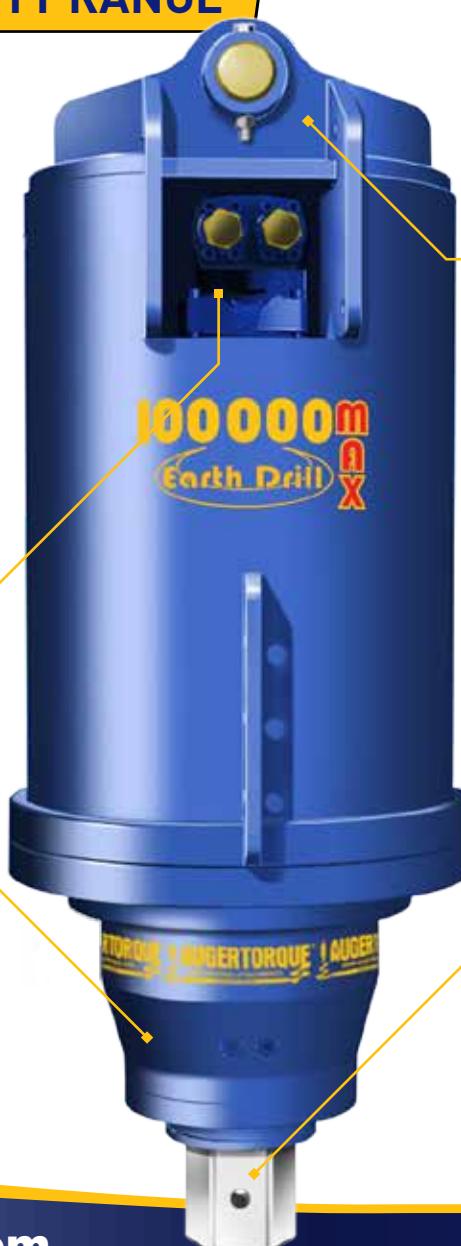
A perfect choice for excavators between 21-50T, this drive unit is geared towards high torque applications. And just like all the planetary drives in our line up they are highly engineered and built to last.

### HIGH QUALITY HYDRAULIC MOTORS

Auger Torque's huge buying power means we work closely with high quality suppliers to develop the most reliable attachments available on the market today.

### 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.



### FORGED HOOD EARS

Standard with all Earth Drills in areas that we know will take a lot of strain. All hood pins are locked for extra safety making it impossible for the hood to detach from your hitch.

### NON-DISLODGE SHFT

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.



# 100,000MAX EARTH DRILL

## Features

- ▶ Unique Auger Torque planetary gearbox offering high efficiency and extreme durability
- ▶ Single piece drive shaft
- ▶ Bearings fitted 50% larger than competitors
- ▶ 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

- ▶ Pole and mast installations
- ▶ Foundation piles
- ▶ Screw pile installations
- ▶ Rail applications
- ▶ Exploration & research

## 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:** 1,653mm (65.1in)

**Unit Diameter:** 640mm (25.2in)

**Unit Weight:** 1012 kg (2,231 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 | MAST-BASED DRILLING RIG | TRENCHERS**

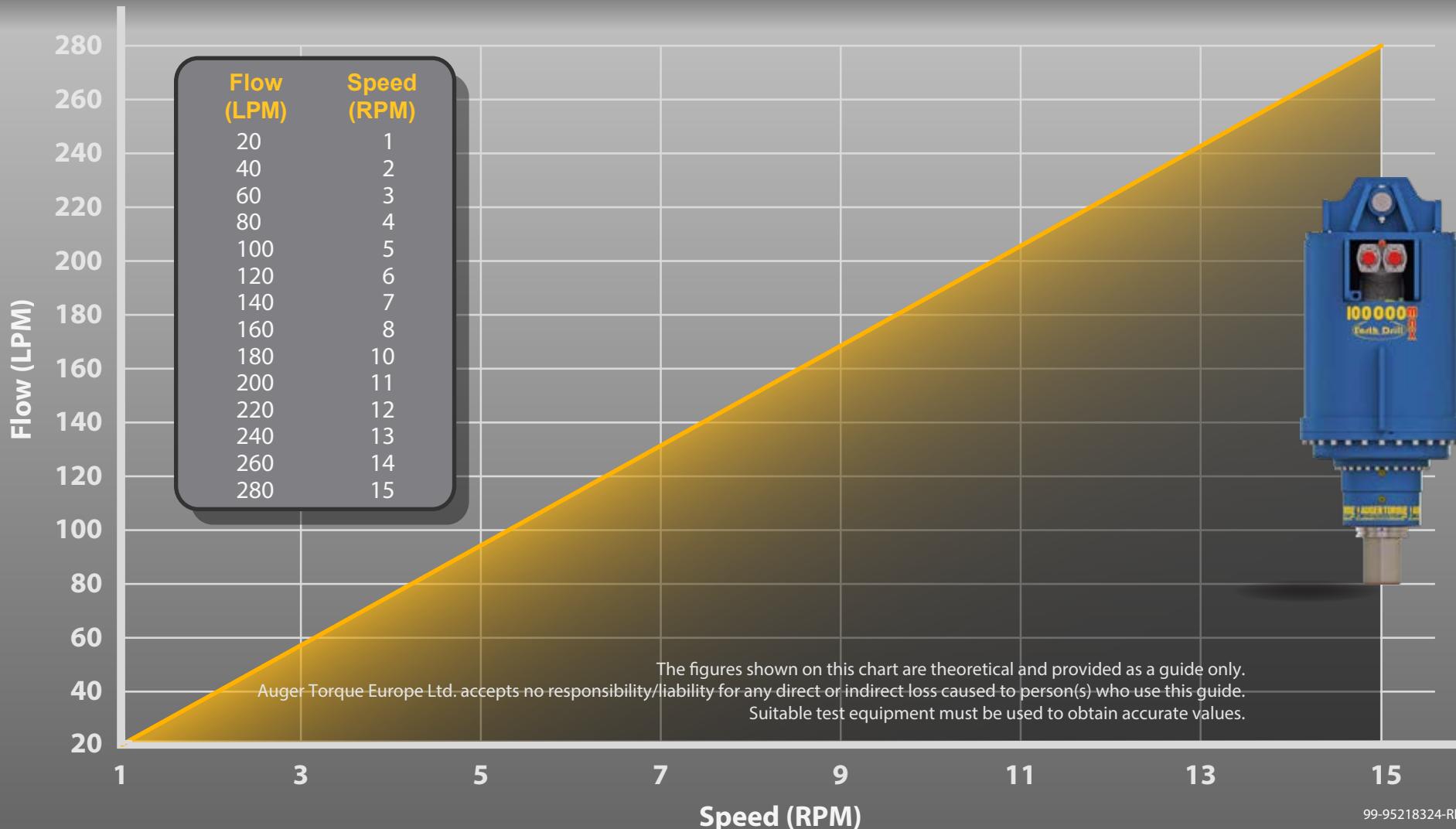
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# Earth Drill Flow versus Speed Output

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# Earth Drill Pressure versus Torque Output

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