A Customer-Driven Global Company

Established in Europe in 1998, Auger Torque has created a new standard in the Earth Drill and Trencher Attachment market by putting you, the customer, at the centre of everything we do.

In 2005, after surveying the market carefully, we released a new range of innovative products, designed to provide unrivalled reliability and cost effective operation.

Auger Torque is proud to have become part of the Kinshofer Group of companies in 2015. With the backing of the German attachments giant Auger Torque has since enjoyed even greater growth in all areas of its business operations.

Auger Torque’s five manufacturing bases around the globe are busy satisfying the ever-growing demand for high-quality products in over seventy countries and on all seven continents.

Auger Torque - A manufacturing company with Global distribution and dealer networks.
INDEX

EARTH DRILLS .......................................................... 8
AUGERS & WEAR PARTS ........................................ 28
HARD ROCK AUGER ............................................... 38
TRUCK CRANES & ROPE WIND HITCH ...................... 40
MAST-BASED DRILLING RIG .................................... 42
XHT SCREW PILE TORQUE HEADS .......................... 44
ALIGNMENT MONITOR .......................................... 46
TORQUE MONITOR ............................................. 47
TRENCHERS ...................................................... 48
SWEeper BROOMS ............................................. 54
PALLET FORKS .................................................. 55
MIXER BOWLS .................................................. 56
HEDGE TRIMMERS ............................................. 57
MULChERS ...................................................... 58
LOG SPLITTER ................................................. 59
STUMP PLANERS .............................................. 60
Innovation and Special Features

Robust Construction
DURABILITY
- Manufactured from high grade materials and precision engineered components
- Designed to withstand extreme working conditions
- High grade synthetic gear oil used for extra protection and long service life

Planetary Gearbox
POWER
- Designed, manufactured and assembled by Auger Torque
- Torque amplified
- High efficiency
- Extreme durability

Non-Dislodgement Shaft
SECURITY
- Unique design
- Single piece drive shaft
- Lifetime warranty against shaft dislodgement

Telescopic Extensions
ADAPTABILITY
- Improves efficiency for deep hole drilling
- Innovative design significantly reduces swap-over time
- Easy adjustment to 3 heights
- Available for S5, S6 and PA augers

Shallow Pitch Flights
EFFICIENCY
- Piling industry technology
- Holds earth on flights on removal
- Most efficient ratio between quantity of earth removed and speed of operation

Pilots
TOUGHNESS & ACCURACY
- Tungsten, Extra Dig and Rock Pilots
- Tough forged construction
- Easy fitting

Pilot Extensions
ACCURACY
- Allows an auger to hold its axis accurately in tough ground conditions
- Improves performance on sloping ground
- Simple fitting

Constant Spiral Cut
IMPROVED PRODUCTIVITY
- Fresh cut every revolution
- Tooth holders angled to direct spoil onto auger flights efficiently
- Spoil broken up thoroughly
- Avoids clogging

www.augertorque.co.za
Sometimes it’s the simple ideas that work best and Auger Torque has always led the industry with creative design. In a world where maximising profit is vital to any business, we believe that our range of high quality attachments will allow you to exploit the full potential of your existing plant.

**Modular Cradle Hitch**
- INGENUITY
  - 2 hitches in 1
  - Unique design converts a Double Pin Hitch into a Double Pin Cradle Hitch
  - Stabilises the Earth Drill in transit

**2 Way Valve Kits**
- FLEXIBILITY
  - Converts single acting hammer circuit into a 2 way auxiliary flow circuit

**Pressure Relief Valve**
- SAFETY
  - Helps prevent overloading of the hydraulic circuit
  - Protects the hydraulic motor
Designed for Your Environment

**EARTH DRILLS**
Applications include:
- Fencing
- Landscaping
- Tree planting
- Well boring
- Foundation piles
- Screw pile installations
- Ground source heat pumps
- Pole and mast installations
- Road signage
- Sound barriers
- Exploration and research

**TRENCHERS**
Applications include:
- Drainage
- Irrigation
- Ground source heat pumps
- Fibre optic installations
- Electric cable installations
- Narrow strip foundations
- Gas and water piping

At Auger Torque we realise that one of the best ways to continually improve our extensive range of quality attachments is to not only listen to customer feedback but to put practical ideas into production. This policy of direct customer involvement has given us the reputation of being the specialists in the trenching and auger drive industry world-wide.

New products featuring the latest technology ensure that we are able to maximise your efficiency.

Quality is at the forefront of our philosophy.

Our products incorporate many development features. The trench cleaner on our Trencher Attachments ensures a good clean cut with no residual spoil.

All of our gearboxes use precision engineered components.

Our R&D Test Facility puts our attachments through rigorous test procedures that exceed real-life demands.

www.augertorque.co.za
“Don’t leave your teeth down the hole!”

Are you tired of losing your teeth down the hole?

With our patented Shock Lock™ Tooth Locking System this is now a thing of the past. Using the Shock Lock™ pin and rubber insert in our unique Shock Lock™ tooth holders ensures your Auger teeth are safely locked in place and protected against shock fractures.

Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the pocket with ease.

Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.

International Patents:
British Patent: 2404935
European Patent: 1507061
German Patent: 60 2004 009 250-9
Australian Patent: 2004203825
Canadian Patent: 2478443
US Patent: 7383901
EARTH DRILLS
Features of our Earth Drills

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.

HOSES & ADAPTORS
All Earth Drills come standard with high quality hoses and adaptors (excludes larger units. QRC's not included).

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.

NON-DISLODGEMENT 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.
**MINI EXCAVATORS 1 - 2 T**  
**S4 AUGERS 100mm-400mm Dia**  
Torque Range: 511-1,496 Nm  
Oil Pressure Range: 70-205 Bar  
Oil Flow Range: 20-45 lpm  
Speed Range: 44-98 rpm  
Unit Height: 585 mm  
Unit Diameter: 200 mm  
Unit Weight: 46 kg  
Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch  
Output Shaft: 65mm Round  
(Output Shaft adaptors available)

**MINI EXCAVATORS 1.5 - 3 T**  
**S4 AUGERS 100mm-500mm Dia**  
Torque Range: 639-2,190 Nm  
Oil Pressure Range: 70-240 Bar  
Oil Flow Range: 25-57 lpm  
Speed Range: 42-99 rpm  
Unit Height: 585 mm  
Unit Diameter: 200 mm  
Unit Weight: 47 kg  
Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch  
Output Shaft: 65mm Round  
(Output Shaft adaptors available)

**MINI EXCAVATORS 2 - 4 T**  
**S4 AUGERS 100mm-600mm Dia**  
Torque Range: 830-2,847 Nm  
Oil Pressure Range: 70-240 Bar  
Oil Flow Range: 27-65 lpm  
Speed Range: 36-87 rpm  
Unit Height: 665 mm  
Unit Diameter: 244 mm  
Unit Weight: 71 kg  
Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch  
Output Shaft: 65mm Round  
(Output Shaft adaptors available)

**GUIDE TO DRILLING PERFORMANCE**  

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**MINI EXCAVATORS 2.5 - 4.5 T**

**S4 AUGERS 100mm-750mm Dia**

- **Torque Range:** 1,205-3,614 Nm
- **Oil Pressure Range:** 80-240 Bar
- **Oil Flow Range:** 40-85 lpm
- **Speed Range:** 42-90 rpm
- **Unit Height:** 665mm
- **Unit Diameter:** 244mm
- **Unit Weight:** 75 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Cradle Hitch
- **Output Shaft:** 65mm Round
  - (Output Shaft adaptors available)

**MINI EXCAVATORS 3 - 5 T**

**S4 AUGERS 100mm-900mm Dia**

- **Torque Range:** 1,574-4,721 Nm
- **Oil Pressure Range:** 80-240 Bar
- **Oil Flow Range:** 50-95 lpm
- **Speed Range:** 40-77 rpm
- **Unit Height:** 665mm
- **Unit Diameter:** 244mm
- **Unit Weight:** 75 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Cradle Hitch
- **Output Shaft:** 65mm Round
  - (Output Shaft adaptors available)

**GUIDE TO DRILLING PERFORMANCE***

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<th>AUGER DIA (mm)</th>
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**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

**S4 AUGERS**

Auger Torque S4 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Extra Dig** variations are available.

Available as standard in the following diameters:

- 100mm
- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 375mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm

**S4 EXTENSIONS**

S4 Auger Extensions are available in the following lengths:

- 500mm
- 1M
  - (other lengths on request)

**SHOCK LOCK™**

Tooth Locking System

DON’T LEAVE YOUR TEETH DOWN THE HOLE!

**UNIQUE**

**DOUBLE PIN CRADLE HITCH**

**S4 EXTENSION**

**SHOWN:**
- S4 100mm Dia, 1.2M Length**
- S4 900mm Dia, 1.2M Length**

**SHOWN:**
- S4 1M Extension

**MINI EXCAVATORS 1 - 5 TONNES**

**GUIDE TO DRILLING PERFORMANCE***

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**** Auger lengths stated include fitted wear parts.
EXCAVATORS 5 - 7 T
S5 AUGERS
150mm-900mm Dia

Torque Range: 2,133-6,931 Nm
Oil Pressure Range: 80-260 Bar
Oil Flow Range: 60-135 lpm
Speed Range: 36-81 rpm
Unit Height: 780mm
Unit Diameter: 269mm
Unit Weight: 112 kg
Hitch Options: Single Pin Hitch
Optional Extras: 2 Way Valve
Output Shaft Std: 75mm Square

EXCAVATORS 6 - 8 T
S5 AUGERS
150mm-1.2M Dia

Torque Range: 2,717-8,152 Nm
Oil Pressure Range: 80-240 Bar
Oil Flow Range: 70-150 lpm
Speed Range: 33-70 rpm
Unit Height: 780mm
Unit Diameter: 269mm
Unit Weight: 116 kg
Hitch Options: Single Pin Hitch
Optional Extras: 2 Way Valve
Output Shaft Std: 75mm Square

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SS AUGERS
Auger Torque SS Augers feature extra long flighted sections of shallow pitch flights. Tungsten and Rock variations are available.
Available as standard in the following diameters:
- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1m
- 1.2m

SS EXTENSIONS
Available in the following lengths:
- 1m
- 1.5m
- 2m

SS TELESCOPIC
Available in the following lengths:
- 1.5m
- 2m

SHOWN:
- SS 150mm Dia, 1.5m Length
- Rock Augers are also available.

SHOWN:
- SS 1m Dia, 1.5m Length
- Rock Augers are also available.

SHOWN:
- SS 1.5m Extension
- SS 1.5m Telescopic

Note:
- SS Telescopic extensions only suitable for torques up to 16,000Nm.
- SS Telescopic extensions not suitable for 150 - 250mm diameter augers.

Augers shown feature Shock Lock™ Toothholders. Rock Teeth Augers are also available.
**EXCAVATORS 8 - 13 T**

**S6 AUGERS**

150mm–1M Dia

Torque Range: 3,998–11,995 Nm
Oil Pressure Range: 80–240 Bar
Oil Flow Range: 80–170 lpm
Speed Range: 25–54 rpm
Unit Height: 930mm
Unit Diameter: 290mm
Unit Weight: 172 kg

Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch

Optional Extras: Pressure Relief Valve, 2 Way Valve

Output Shaft Std: 75mm Square

---

**EXCAVATORS 10 - 15 T**

**S6 AUGERS**

150mm–1.2M Dia

Torque Range: 5,024–15,071 Nm
Oil Pressure Range: 80–240 Bar
Oil Flow Range: 80–170 lpm
Speed Range: 20–43 rpm
Unit Height: 930mm
Unit Diameter: 290mm
Unit Weight: 172 kg

Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch

Optional Extras: Pressure Relief Valve, 2 Way Valve

Output Shaft Std: 75mm Square

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**GUIDE TO DRILLING PERFORMANCE***

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**S6 AUGERS**
Auger Torque S6 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Rock** variations are available.
Available as standard in the following diameters:
- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1M
- 1.2M

**S6 EXTENSIONS**
Available in the following lengths:
- 1.5M
- 2M
- 2.5M
- 3M

**S6 TELESCOPIC**
Available in the following lengths:
- 1.5M
- 2M

---

**SHOWN:**
S6 150mm Dia, 1.88M Length
Shock Lock™
Rock Augers are also available.

**SHOWN:**
S6 1.2M Dia, 1.88M Length
Shock Lock™
Rock Augers are also available.

**SHOWN:**
S6 1.5M Extension
S6 1.5M Telescopic

**Note:**
S6 Telescopic extensions only suitable for torques up to 16,000Nm.

S6 Telescopic extensions not suitable for 150 - 250mm diameter augers.

---

**SHOCK LOCK™**
**Tooth Locking System**

**DON’T LEAVE YOUR TEETH DOWN THE HOLE!**

Augers shown feature Shock Lock™ Toothholders. Rock Teeth Augers are also available.

---

**AUGER SUMMARY**
Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.
**EXCAVATORS 13 - 20 T**

**S6 AUGERS**

150mm-1.2M Dia

- Torque Range: 13,043-19,564 Nm
- Oil Pressure Range: 160-240 Bar
- Oil Flow Range: 80-170 lpm
- Speed Range: 16-33 rpm
- Unit Height: 1130mm
- Unit Diameter: 345mm
- Unit Weight: 268 kg
- Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch

Optional Extras: Pressure Relief Valve, 2 Way Valve

Output Shaft: 75mm Square

---

**EXCAVATORS 15 - 22 T**

**S6 AUGERS**

150mm-1.5M Dia

- Torque Range: 16,503-24,755 Nm
- Oil Pressure Range: 160-240 Bar
- Oil Flow Range: 80-170 lpm
- Speed Range: 12-26 rpm
- Unit Height: 1130mm
- Unit Diameter: 345mm
- Unit Weight: 269 kg
- Hitch Options: Single Pin Hitch, Double Pin Hitch, Cradle Hitch

Optional Extras: Pressure Relief Valve, 2 Way Valve

Output Shaft: 75mm Square

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**GUIDE TO DRILLING PERFORMANCE**

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www.augertorque.co.za
AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

S6 AUGERS

Auger Torque S6 Augers feature extra long flighted sections of shallow pitch flights. Tungsten and Rock variations are available.

Available as standard in the following diameters:

150mm 300mm 500mm 900mm
200mm 350mm 600mm 1M
225mm 400mm 750mm 1.2M
250mm 450mm 800mm 1.5M
300mm 500mm
350mm 600mm
400mm 750mm
450mm 800mm
500mm 900mm
600mm 1M
750mm 1.2M
800mm 1.5M
900mm
1M
1.2M
1.5M

S6 EXTENSIONS

Available in the following lengths:

1.5M 2M 2.5M 3M

SHOWN:
S6 150mm Dia,
1.88M Length
Shock Lock™
Rock Augers are also available.

SHOWN:
S6 1.5M Dia,
1.88M Length
Shock Lock™
Rock Augers are also available.

SHOWN:
S6 1.5M Extension

UNIQUE

DON'T LEAVE YOUR TEETH DOWN THE HOLE!

Tooth Locking System

Augers shown feature Shock Lock™ Toothholders. Rock Teeth Augers are also available.
EXCAVATORS 20 - 45 T

PA SERIES AUGERS
300mm-1.5M Dia

Torque Range: 20,510-35,323 Nm
Oil Pressure Range: 180-310 Bar
Oil Flow Range: 80-225 lpm
Speed Range: 11-31 rpm
Unit Height: 1411mm
Unit Diameter: 406mm
Unit Weight: 442 kg
Output Shaft Std: 110mm Square
(Output Shaft adaptors available)

---

EXCAVATORS 20 - 45 T

PA SERIES AUGERS
300mm-1.8M Dia

Torque Range: 24,612-42,387 Nm
Oil Pressure Range: 180-310 Bar
Oil Flow Range: 80-225 lpm
Speed Range: 9-26 rpm
Unit Height: 1411mm
Unit Diameter: 406mm
Unit Weight: 442 kg
Output Shaft Std: 110mm Square
(Output Shaft adaptors available)

---

EXCAVATORS 20 - 45 T

PA SERIES AUGERS
300mm-2.4M Dia

Torque Range: 33,295-66,589 Nm
Oil Pressure Range: 160-320 Bar
Oil Flow Range: 100-280 lpm
Speed Range: 8-21 rpm
Unit Height: 1554mm
Unit Diameter: 406mm
Unit Weight: 480 kg
Output Shaft Std: 110mm Square
(Output Shaft adaptors available)

---

**GUIDE TO DRILLING PERFORMANCE**

**2 Way Valve**
Converts single acting hammer circuit into 2 Way auxiliary flow

**Adaptor Plate for 35,000MAX**

**Adaptor Plate for 42,000MAX**

**2 Way Valve**
Converts single acting hammer circuit into 2 Way auxiliary flow

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**www.augertorque.co.za**

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**PA AUGERS**

Auger Torque PA Augers feature extra long flighted sections of shallow pitch flights and are available in 2.3M and 3.3M lengths.

Available as standard in the following diameters:

- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 550mm
- 600mm
- 700mm
- 750mm
- 800mm
- 900mm
- 1M
- 1.2M
- 1.5M
- 2M
- 2.2M
- 2.4M

For Augers over 1.5 metres diameter please call our sales office for further information.

**PA EXTENSIONS**

Both Fixed and Telescopic Extensions are available in the following lengths:

- 2M
- 3M

**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.
MINI LOADERS
S4 AUGERS
100mm-400mm Dia

- Torque Range: 511-1,496 Nm
- Oil Pressure Range: 70-205 Bar
- Oil Flow Range: 20-45 lpm
- Speed Range: 44-98 rpm
- Unit Height: 456 mm
- Unit Width: 205 mm
- Unit Weight: 38 kg
- Mounting Frame: 2 Way Swing
- Output Shaft Std: 65mm Round (Output Shaft adaptors available)

GUIDE TO DRILLING PERFORMANCE*

<table>
<thead>
<tr>
<th>AUGER DIA (mm)</th>
<th>DRILLING DEPTH IN METRES**</th>
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www.augertorque.co.za
SKIDSTEER LOADERS
LOW FLOW
UP TO 65 HP

S4 AUGERS
100mm-750mm Dia

Torque Range: 1,205-3,614 Nm
Oil Pressure Range: 80-240 Bar
Oil Flow Range: 40-85 lpm
Speed Range: 42-90 rpm
Unit Height: 665mm
Unit Diameter: 244mm
Unit Weight: 73 kg
Mounting Frame: Fixed Centre Cradle
Side Shift Cradle
Output Shaft Std: 65mm Round
(Output Shaft adaptors available)

MINI LOADERS & SKIDSTEER LOADERS UP TO 80HP

S4 AUGERS
Auger Torque S4 Augers feature extra long flighted sections of shallow pitch flights. Tungsten and Extra Dig variations are available.
Available as standard in the following diameters:
100mm
150mm
200mm
225mm
250mm
300mm
375mm
400mm
450mm
500mm
600mm
750mm
800mm
900mm

S4 EXTENSIONS
S4 Auger Extensions are available in the following lengths:
500mm
1M
(other lengths on request)

AUGER SUMMARY
Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

SHOCK LOCK™
Tooth Locking System
DON'T LEAVE YOUR TEETH DOWN THE HOLE!

** Auger lengths stated include fitted wear parts.
SKIDSTEER LOADERS
HIGH FLOW
UP TO 100 HP

TELEHANDLERS
4.5 - 7 T

S5 AUGERS
150mm-750mm Dia

Torque Range: 1,685-5,152 Nm
Oil Pressure Range: 80-260 Bar
Oil Flow Range: 40–115 lpm
Speed Range: 30–87 rpm
Unit Height: 780mm
Unit Diameter: 269mm
Unit Weight: 108 kg
Mounting Frame: Fixed Centre Cradle
Side Shift Cradle
Output Shaft Std: 75mm Square
(Output Shaft adaptors available)

GUIDE TO DRILLING PERFORMANCE*

<table>
<thead>
<tr>
<th>AUGER DIA (mm)</th>
<th>DRILLING DEPTH IN METRES**</th>
<th>SOFT</th>
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<th>HARD</th>
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www.augertorque.co.za
AUGER SUMMARY
Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

S5 AUGERS
Auger Torque S5 Augers feature extra long flighted sections of shallow pitch flights. Tungsten and Rock variations are available.
Available as standard in the following diameters:
- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1M
- 1.2M

S5 EXTENSIONS
Available in the following lengths:
- 1M
- 1.5M
- 2M

S5 TELESCOPIC
Available in the following lengths:
- 1.5M
- 2M

SHOWN:
S5 1.5M Dia,
1.5M Length
Shock Lock™
Rock Augers are also available.

SHOWN:
S5 1.5M Dia,
1.5M Length
Shock Lock™
Rock Augers are also available.

Note:
S5 Telescopic extensions only suitable for torques up to 16,000Nm.
S5 Telescopic extensions not suitable for 150 - 250mm diameter augers.

SHOCK LOCK™
Tooth Locking System
DON’T LEAVE YOUR TEETH DOWN THE HOLE!

Augers shown feature Shock Lock™ Toothholders. Rock Teeth Augers are also available.
**DIGGER LOADERS**

**S5 AUGERS**
150mm-900mm Dia

- **Torque Range:** 2,133–6,931 Nm
- **Oil Pressure Range:** 80–240 Bar
- **Oil Flow Range:** 60–135 lpm
- **Speed Range:** 36–81 rpm
- **Unit Height:** 780mm
- **Unit Diameter:** 269mm
- **Unit Weight:** 116 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Cradle Hitch
- **Optional Extras:** 2 Way Valve
- **Output Shaft Std:** 75mm Square (Output Shaft adaptors available)

**GUIDE TO DRILLING PERFORMANCE**

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<th>AUGER DIA (mm)</th>
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**S5 AUGERS**
150mm-1.2M Dia

- **Torque Range:** 2,133–6,931 Nm
- **Oil Pressure Range:** 80–240 Bar
- **Oil Flow Range:** 60–135 lpm
- **Speed Range:** 36–81 rpm
- **Unit Height:** 780mm
- **Unit Diameter:** 269mm
- **Unit Weight:** 116 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Cradle Hitch
- **Optional Extras:** 2 Way Valve
- **Output Shaft Std:** 75mm Square (Output Shaft adaptors available)

**GUIDE TO DRILLING PERFORMANCE**

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**S6 AUGERS**
150mm-900mm Dia

- **Torque Range:** 3,281–10,662 Nm
- **Oil Pressure Range:** 80–260 Bar
- **Oil Flow Range:** 70–150 lpm
- **Speed Range:** 27–81 rpm
- **Unit Height:** 883mm
- **Unit Diameter:** 290mm
- **Unit Weight:** 162 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Cradle Hitch
- **Optional Extras:** 2 Way Valve
- **Output Shaft Std:** 75mm Square

**GUIDE TO DRILLING PERFORMANCE**

<table>
<thead>
<tr>
<th>AUGER DIA (mm)</th>
<th>SOFT</th>
<th>MEDIUM</th>
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</table>

*These charts have been created as a guide only. Actual performance figures may differ.

**The data shown has been obtained by Auger Torque in a controlled environment. Auger Torque cannot guarantee that this environment can be replicated and as such cannot accept liability if these figures cannot be achieved.

**Any data or specification contained within this documentation may be subject to change without prior notification.

For further information please contact your authorised Auger Torque distributor.
**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

### S5 AUGERS

Auger Torque S5 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Rock** variations are available.

Available as standard in the following diameters:

- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1M
- 1.2M

### S5 EXTENSIONS

Available in the following lengths:

- 1M
- 1.5M
- 2M

### S5 TELESCOPIC

Available in the following lengths:

- 1.5M
- 2M

---

### S6 AUGERS

Auger Torque S6 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Rock** variations are available.

Available as standard in the following diameters:

- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1M
- 1.2M

### S6 EXTENSIONS

Available in the following lengths:

- 1.5M
- 2M
- 2.5M
- 3M

### S6 TELESCOPIC

Available in the following lengths:

- 1.5M
- 2M

---

Augers shown feature **Shock Lock™** Toothholders. Rock Teeth Augers are also available.

---

UNIQUE

DON'T LEAVE YOUR TEETH DOWN THE HOLE!

**Tooth Locking System**
**TRUCK CRANES TO 9 T / METRE**

**S4 AUGERS**
100mm–600mm Dia

- Torque Range: 959–2,116 Nm
- Oil Pressure Range: 80–260 Bar
- Oil Flow Range: 5–35 lpm
- Speed Range: 7–46 rpm
- Unit Height: 645mm
- Unit Diameter: 264mm
- Unit Weight: 73 kg
- Hitch: Rope Wind Hitch
- Output Shaft Std: 65mm Round
  (Output Shaft adaptors available)

**TRUCK CRANES TO 15 T / METRE**

**S5 AUGERS**
150–800mm Dia

- Torque Range: 1,685–5,477 Nm
- Oil Pressure Range: 80–260 Bar
- Oil Flow Range: 15–50 lpm
- Speed Range: 11–38 rpm
- Unit Height: 780 mm
- Unit Diameter: 269 mm
- Unit Weight: 108 kg
- Hitch: Rope Wind Hitch
- Output Shaft Std: 75mm Square
  (Output Shaft adaptors available)

**TRUCK CRANES 9–18 T / METRE**

**S5 AUGERS**
150mm–1M Dia

- Torque Range: 2,098–6,819 Nm
- Oil Pressure Range: 80–260 Bar
- Oil Flow Range: 15–50 lpm
- Speed Range: 9–30 rpm
- Unit Height: 780 mm
- Unit Diameter: 269 mm
- Unit Weight: 110 kg
- Hitch: Rope Wind Hitch
- Output Shaft Std: 75mm Square
  (Output Shaft adaptors available)

~*These charts have been created as a guide only. Actual performance figures may differ.*~

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For further information please contact your authorised Auger Torque distributor.

www.augertorque.co.za
AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

** AUGERS FOR THE 3000TC **

Auger Torque S4 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Extra Dig** variations are available.

Available as standard in the following diameters:
- 100mm
- 150mm
- 200mm
- 225mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 800mm
- 900mm
- 1M

** S4 EXTENSIONS **

S4 Auger Extensions are available in the following lengths:
- 500mm
- 1M

[other lengths on request]

** AUGERS FOR THE 5500TC AND 7000TC **

Auger Torque S5 Augers feature extra long flighted sections of shallow pitch flights. **Tungsten** and **Rock** variations are available.

Available as standard in the following diameters:
- 150mm
- 200mm
- 225mm
- 250mm
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- 750mm
- 800mm
- 900mm
- 1M
- 1.5M
- 2M

** S5 EXTENSIONS **

Available in the following lengths:
- 1M
- 1.5M
- 2M

** S5 TELESCOPIC **

Available in the following lengths:
- 1.5M
- 2M

** SHOWN: **

S5 1.5M Extension
S5 1.5M Telescopic

** Auger lengths stated include fitted wear parts.**

** NOTE: **

S5 Telescopic extensions only suitable for torques up to 16,000Nm.

S5 Telescopic extensions not suitable for 150 - 250mm diameter augers.

** AUGER SUMMARY **

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

** AUGERS FOR THE 3000TC **

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- 2M

** SHOWN: **

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S5 1.5M Telescopic

** NOTE: **

S5 Telescopic extensions only suitable for torques up to 16,000Nm.

S5 Telescopic extensions not suitable for 150 - 250mm diameter augers.
AUGERS
Features of our Augers

HUB OPTIONS
Augers are available with all major standard hubs on the market, including:
- 2", 2.5", 3" and 4" Hex
- 50mm, 2" and 65mm Round
- 57mm, 75mm, 100mm, 110mm and 130mm Square…to name but a few.

HEAVY DUTY TUBE
We know that our Augers can expect a tough life so we only use the highest grade steel and vary our tube size according to machine size and application. Our Augers have a reputation of being the toughest on the market.

SHALLOW PITCH FLIGHTS
By working with and, more importantly, listening to operators feedback we have developed the perfect pitch for our flights. It will cut at its maximum efficiency and, most importantly the spoil will stay on your Auger when you remove it from the hole.

SHOCK LOCK™ Tooth Locking System
Are you tired of losing your teeth down the hole? With our patented Shock Lock™ Tooth Locking System loss is now a thing of the past. The simple but effective locking pin holds teeth secure in both directions.

CONSTANT SPIRAL CUT
Our boring heads are designed with a Constant Spiral Cut. Teeth are located so that each makes its own fresh cut on every revolution and are angled to direct spoil towards the centre of the auger. The tooth cutting angle ensures spoil is broken up thoroughly to avoid any clogging.

PILOT AND TOOTH OPTIONS
Auger Torque Augers are offered with many different tooth and pilot options to suit your specific need. For example in the S4 range we offer up to eight different combinations and we have the know-how to help you select the optimal configuration.

www.augertorque.co.za
With our patented **Shock Lock™** Tooth Locking System tooth loss is now a thing of the past. Using the **Shock Lock™** pin and rubber insert in our unique **Shock Lock™** tooth holders ensures your Auger teeth are safely locked in place and protected against shock fractures.

Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.

**S4 AUGERS**

**MINI EXCAVATORS 1 - 5 T, MINI LOADERS, SKIDSTEER LOADERS UP TO 80HP AND TRUCK CRANES UP TO 9 T / METRE**

**STANDARD HUB OPTION**

**DON’T LEAVE YOUR TEETH DOWN THE HOLE!**

**UNIQUE**

**STANDARD HUB OPTION**

---

**Earth Drill X1500**
**Earth Drill ML1500**

**Earth Drill X2000**
**Earth Drill ML2000**

**Earth Drill X2500**
**Earth Drill ML2500**

**Earth Drill 3000MAX**
**Earth Drill 3000TC**

**Earth Drill 3500MAX**

**Earth Drill 4500MAX**

---

**FULL TECHNICAL DETAILS OF THE EARTH DRILLS CAN BE FOUND IN THE EARTH DRILL SECTION.**

---

**WWW.AUGERTORQUE.CO.ZA**
TUNGSTEN WEAR PARTS

- S4 Tungsten Pilot 33-9204-KIT
- S4 Extra Dig Pilot 33-9212-KIT
- S4 Shock Lock™ Tungsten Tooth 33-9122-KIT

EXTRAS

- Pin & Clip 65 Round 30-0004-KIT
- S1/2/4 Shock Lock™ Tooth Holder 33-1010
- S4 Pilot Extension 33-4104-KIT
- S4 Drive Lugs 33-4102
- S5-4105
- S5-4110

BORING HEADS

- S4 Tungsten Teeth & Pilot
- S4 Extra Dig Teeth & Pilot

WEAR PARTS REQUIRED FOR GROUND CONDITIONS

TUNGSTEN (Shock Lock™)
Best used in dry, hard or medium ground conditions where floating rocks may be encountered. The perfect all-rounder if you are not sure about what you might encounter.

EXTRA DIG PILOT
A stronger Pilot for more demanding ground conditions.

All the Augers above are shown with Shock Lock™ Tooth Holders.

* Overall Length given includes the auger fitted with wear parts.

OTHER DIAMETERS AVAILABLE ON REQUEST

S4 EXTENSIONS

- 500mm
- 1M
S5 AUGERS

EXCAVATORS FROM 4.5 - 8 T, TELEHANDLERS, HIGH FLOW SKIDSTEER LOADERS, DIGGER LOADERS AND TRUCK CRANES FROM 9 - 18 T / METRE

STANDARD HUB OPTION

With our patented Shock Lock™ Tooth Locking System tooth loss is now a thing of the past. Using the Shock Lock™ pin and rubber insert in our unique Shock Lock™ tooth holders ensures your Auger teeth are safely locked in place and protected against shock fractures.

Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.

UNIQUE

DON’T LEAVE YOUR TEETH DOWN THE HOLE!

Full technical details of the Earth Drills can be found in the Earth Drill section.

Earth Drill 5500MAX
Earth Drill 5000TC
Earth Drill 7000MAX
Earth Drill 7000TC
Earth Drill 8000MAX

www.augertorque.co.za
For Augers over 1 metre diameter please call our sales office for further information.

**WEAR PARTS FOR GROUND CONDITIONS**

**TUNGSTEN (Shock Lock™)**
Best used in dry, hard or medium ground conditions where floating rocks may be encountered. The perfect all-rounder if you are not sure about what you might encounter.

**ROCK (Taper Lock)**
For very hard ground and tarmac where extra cutting is needed and high wear is expected. Most effective on machines with high down pressure.
S6 AUGERS
EXCAVATORS & DIGGER LOADERS FROM 8 - 22 T

STANDARD HUB OPTION

75mm Square

DON’T LEAVE YOUR TEETH DOWN THE HOLE!

With our patented Shock Lock™ Tooth Locking System tooth loss is now a thing of the past. Using the Shock Lock™ pin and rubber insert in our unique Shock Lock™ tooth holders ensures your Auger teeth are safely locked in place and protected against shock fractures.

Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.
Augers of a larger diameter and length can be manufactured for use with these Earth Drills, but technical advice is required. Call one of our main offices for more details.

**Rock Teeth require a Rock Tooth version of the Auger.**

*Overall Length given includes the auger fitted with wear parts.*

Augers of a larger diameter and length can be manufactured for use with these Earth Drills, but technical advice is required. Call one of our main offices for more details.

**Note:**
- S6 Telescopic extensions only suitable for torques up to 16,000Nm.
- S6 Telescopic extensions not suitable for 150 - 250mm diameter augers.

**WEAR PARTS FOR GROUND CONDITIONS**
- **TUNGSTEN (Shock Lock™)**: Best used in dry, hard or medium ground conditions where floating rocks may be encountered. The perfect all-rounder if you are not sure about what you might encounter.
- **ROCK (Taper Lock)**: For very hard ground and tarmac where extra cutting is needed and high wear is expected. Most effective on machines with high down pressure.
PA AUGERS

EXCAVATORS 17 - 45 T

PA Augers are available in 2.3 metre or 3.3 metre lengths as standard - Please specify when ordering

The PA Range of Augers are the most heavy-duty units available and are available in 2.3 metre and 3.3 metre lengths as standard. Fully flighted versions are available also.

Our standard PA Auger range has a maximum diameter of 1.5m however Augers with a diameter of up to 2.4m can be manufactured on request. Contact our sales office for further information.

STANDARD HUB OPTION

110mm Square

Overal Length 2.3M / 3.3M

Fully Flighted 1558mm

300mm 350mm 400mm 450mm 500mm 600mm

1321mm 1321mm 1321mm 1433mm 1446mm 1446mm

1527mm 1558mm

Earth Drill 35 000 MAX
Earth Drill 42 000 MAX
Earth Drill 65 000 MAX

www.augertorque.co.za

Full technical details of the Earth Drills can be found in the Earth Drill section.
**ROCK WEAR PARTS**

- **PA Rock Pilot**
  - 33-9209-1
  - 33-9209-2
  - 33-9209-3

- **PA Rock Tooth**
  - 33-9109

**EXTRAS**

- **Pin & Clip**
  - 110 Square
  - 23-3900-KIT

- **PA Rock Tooth Holder**
  - 33-1012

- **PA Drive Socket**
  - 33-4104

**BORING HEADS**

The PA Rock Pilot can be purchased in separate sections or as a whole assembly when buying replacement parts.

**LARGER AUGERS**

Augers of a larger diameter and length can be manufactured for use with these Earth Drills, but technical advice is required. Call one of our main offices for more details.

**WEAR PARTS FOR GROUND CONDITIONS**

**ROCK (Taper Lock)**

For very hard ground and tarmac where extra cutting is needed and high wear is expected. Most effective on machines with high down pressure.

**PA EXTENSIONS**

**PA TELESCOPIC**

* Overall Length given includes the auger fitted with wear parts.

For Augers over 1.2 metres diameter please call one of our sales offices for further information.

Augers over 1.2m - special order up to 1.8m
Hard Rock Auger
For the most demanding drilling situations

**HUB OPTIONS**
Tapered Rock Augers are available in 3 popular sizes; 75mm, 100mm and 110mm Square.

**HEAVY DUTY TUBE**
We know that the Hard Rock Auger range will be used for the toughest applications so we only use the highest grade steel and vary our tube size according to machine size and application.

**SHALLOW PITCH FLIGHTS**
By working with and, more importantly, listening to operators feedback we have developed the perfect pitch for our flights. It will cut at its maximum efficiency and, most importantly the spoil will stay on your cutting head when you remove it from the hole.

**TAPERED CUTTING PATH**
Our cutting heads are designed with a Constant Spiral Cut. Teeth are located so that each makes its own fresh cut on every revolution and are angled to direct spoil towards the centre of the Cutting Head. The tooth cutting angle ensures spoil is broken up thoroughly to avoid any clogging.

**ROCK PILOT AND TOOTH**
Auger Torque Tapered Cutting Heads are offered with our rotating Rock tooth and pilot to suit your hard rock needs.
FEATURES

- Drilling performance is increased due to precisely calculated tooth positions along the edges of the cutting head.
- Improved productivity when cutting through hard ground and fractured rock.
- The positioning of the teeth increases the penetrative forces which can be found on the tooth cutting edge.
- This increase in force fractures the substrate into large pieces bringing them to the surface at an increased rate compared to traditional cutting heads.
Truck Cranes &
The Rope Wind Hitch

Growing in popularity, truck cranes allow a great deal of flexibility when working off site. On-board hydraulics allow trucks to deliver materials where no loading facilities are available.

Equally, remote working can be made easy by using the truck crane boom for earth drilling operations. Flat bed trucks equipped with Truck Crane Earth Drills turn telegraph and power pole as well as street light installations into a single man operation and foundation piling can all be facilitated with the use of one vehicle.

The ingenious Auger Torque Rope Wind Hitch allows for safe and secure storage during transit without the need to disassemble the unit from the boom.

**BOOM CLAMP**
Auger Torque manufactures all hitches in-house, ensuring custom precision fit to any crane*.

**ROPE WIND HITCH**
A simple but effective solution for transporting an Earth Drill on a Truck Crane. Utilising the rotation of the Earth Drill the unit can be lifted up under the boom of the crane after use and locked into position, making the whole unit secure during travel.

*Contact Auger Torque for further details.
PROVEN RELIABILITY IN EXTREMELY DEMANDING CONDITIONS
Mast-Based Drilling Rig

A quick and efficient attachment for precise and accurate drilling of large depth holes.

**FEATURES**
- Precision-engineered gearbox
- Interchangeable hitch assembly
- High grade cable tension assembly
- High tensile galvanized steel winch cable
- Hose guide rail for neat hose connections
- Easy access pulley grease points

**APPLICATIONS**
- Pre-drilling for pile driving
- Dewatering
- Auger cast piles
- Marine foundations
- Permanent retaining walls
- Exploration and research

**GUIDE TO DRILLING PERFORMANCE**

### Continuous Flight Auger

<table>
<thead>
<tr>
<th>AUGER DIA (mm)</th>
<th>DRILLING DEPTH IN METRES**</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>18.3M 12.2M 12.2M</td>
</tr>
<tr>
<td>200</td>
<td>18.3M 12.2M 12.2M</td>
</tr>
<tr>
<td>250</td>
<td>12.2M 12.2M 12.2M</td>
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<tr>
<td>300</td>
<td>12.2M 9.2M 9.2M</td>
</tr>
</tbody>
</table>

### Short Auger

<table>
<thead>
<tr>
<th>AUGER DIA (mm)</th>
<th>DRILLING DEPTH IN METRES**</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>6.4M 6.4M 6.4M</td>
</tr>
<tr>
<td>450</td>
<td></td>
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<tr>
<td>600</td>
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<tr>
<td>750</td>
<td></td>
</tr>
<tr>
<td>900</td>
<td>6.4M 6.4M 6.4M</td>
</tr>
</tbody>
</table>

**MDR6500**

**EXCAVATORS 12 - 15 T**

**DRILL HEAD**
- Torque Range: 2,717-8,152 Nm
- Oil Pressure Range: 80-240 Bar
- Oil Flow Range: 70-150 lpm
- Speed Range: 33-70 rpm

**WINCH**
- Cable Pull Speed: 2.4-18.3 m/min
- Oil Pressure Range: 35-260 Bar
- Oil Flow Range: 11-95 lpm

*Unit Height: 6990 mm Unit Width: 1250 mm Unit Depth: 1500 mm Total Weight (excluding auger): 1450 kg*

www.augertorque.co.za
Many of Auger Torque’s Earth Drills, from the robust Earth Drill 10,000 upwards, are excellent tools for screw pile installation due to their high levels of torque and range of rotational speed. Couple this with the all new electronic torque metering linkage block which has an accuracy rating of over 99% and you have all you need for fast and precise Screw Pile installation.

Screw piles can be used as a steel foundation solution for railway and highway installations, masts, towers, cantilever gantries, platforms, lighting columns and sign posts. They support structures in both tension and compression, providing an ideal solution where overturning forces are significant or when ground conditions aren’t suitable for other methods of foundation.

Quick and easy to install, in many cases the piles and associated structures can be installed in a day. Using the torque metering linkage block, applied torques can be displayed and logged for data analysis.

Made from galvanised steel, Screw Piles are also maintenance free and reusable after removal from temporary installations.

**BENEFITS OF SCREW PILES INCLUDE:**
- Quick and easy to install
- No concrete mixing or curing time
- No excavations needed or spoil to remove
- Suitable for soft or mixed composite ground
- Installations possible in low temperatures and wet conditions
- Can be installed around existing underground services
- Removable and re-useable

Screw Piles can be made to customers own specifications - talk to your closest Auger Torque main office for more information.
Screw Pile Torque Heads
A new era in the world of Screw Pile Torque Heads

Auger Torque is proud to announce the release of our brand new XHT Series Torque Heads. Specifically designed and ideally suited to foundation screw pile applications this series heralds a new era in the world of screw pile torque heads.

The new torque heads are available to suit machines from as little as 24T all the way to 50T and are designed and manufactured in-house at Auger Torque’s UK facility, guaranteeing class leading workmanship and the reliability Auger Torque is famous for.

INTEGRAL GEAR OIL COOLING
Our unique design allows for efficient oil cooling via auto circulation of the fluid without the need for an external mechanical pump. This system effectively protects your investment during extreme high torque screw pile applications.

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.

HIGH QUALITY HYDRAULIC MOTORS
As with our Earth Drill range, we use the highest quality suppliers to develop the most reliable attachments available on the market today.

NON-DISLODGERMENT SHAFT
Unique to Auger Torque, the Non-Dislodgement Shaft is a single piece drive shaft assembled top down and locked into the XHT Torque Head 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.
### EXCAVATORS 24 - 50 T

**150XHT**

- **Torque Range:** 64,830 - 150,690 Nm
- **Oil Pressure Range:** 160 - 360 Bar
- **Oil Flow Range:** 100 - 320 lpm
- **Speed Range:** 4 - 12 rpm
- **Unit Height:** 2166mm
- **Unit Diameter:** 825mm
- **Unit Weight:** 2400 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Double Pin Cradle Hitch
- **Output Shaft:** 180mm Hex

**EXCAVATORS 24 - 50 T**

- **Torque Range:** 144,662 - 249,140 Nm
- **Oil Pressure Range:** 180 - 310 Bar
- **Oil Flow Range:** 80 - 225 lpm
- **Speed Range:** 1.8 - 4 rpm
- **Unit Height:** 2166mm
- **Unit Diameter:** 825mm
- **Unit Weight:** 2400 kg
- **Hitch Options:** Single Pin Hitch, Double Pin Hitch, Double Pin Cradle Hitch
- **Output Shaft:** 180mm Hex
Alignment Monitor

When accuracy is key, The Auger Torque Alignment Monitor is an essential tool for ensuring your application is precise and quick.

Unrestricted by parent machine size, the Alignment Monitor is easy to install with your existing equipment. Now the operator can see the alignment from all angles, there’s no need for additional operatives to watch over the installation.

FEATURES

- One man operation
- Plug and play capability
- Alignment display easily installed in operator cab
- A compact, bright colour interface
- Alignment sensor fits to your existing earth drill
- Sensitivity adjustment to suit the application
- IP54 rated - suitable for use in all weathers
- 12-24V operating range

www.augertorque.co.za
Torque Monitor

Applying the correct torque during the installation of Screw Piles is paramount to ensure the structure is safely secured.

Receiving applied torque data in real-time, which is accurate to 99.7% for this critical procedure is made easy with this new Auger Torque device.

Compatible with the majority of our Earth Drills, the Torque Monitors can measure values up to 65,000Nm. The sophisticated sensors inside send instant data to a hand-held PDA, allowing operators to work with ultimate efficiency.

**FEATURES**
- Measure up to 65,000Nm
- Quick and easy to install
- Correct torque measurement when installing screw anchors to an accuracy of 99.7%
- Allows operators to work with ultimate efficiency
- Wireless transmission
- Real time data transfer
- Compatible with Auger Torque and OEM earth drills

*XHT250: mount onto output shaft*
TRENCHER ATTACHMENTS
Features of our Trenchers

HIGH QUALITY MOTOR AND GEARBOX
Using only the highest quality hydraulic motors that allow flow rates of up to 150LPM and then amplified by Auger Torque’s own ‘bullet-proof’ planetary gearbox means that our trenchers have the reliability you need and the power to ensure your trenching is carried out with ease.

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.

HOSE & ADAPTOR OPTIONS
All Trenchers are supplied as standard with high quality hoses and adaptors.

MULTIPLE TEETH COMBINATIONS
Chains are available in a number of different teeth configurations for trenching in soft ground, mixed grounds and even permafrost, allowing you to get the job done quickly.

ADJUSTABLE DEPTH SKID
A great feature that will make your job much easier is the precision depth control skid, which enables the operator to set the machine at up to three different trench depths.

RAPID CHAIN ADJUSTMENT
Utilising a simple grease point and grease gun, chain adjustment is quicker than ever.
The laborious task of digging a trench has been transformed since the advent of the Trencher Attachment.

Suitable for Skidsteer Loaders and Excavators, Auger Torque’s range of Trenchers cover depths from 0.6 to 1.5 meters and widths up to 350mm. The spoil is piled neatly to one side of the trench by the integral auger.

Experience how Trencher Attachments can make light work of your construction project.

The days of your trenching bucket may well be over.

Multiple applications including:-
  - Ground Heat Pump Systems
  - Drainage & Irrigation
  - Gas / Water Piping
  - Electrical Cable
  - Fibre Optic Cable
  - Larger Bore Gas / Water Piping
  - Hedge & Tree Planting
MT Trencher Range

**EXCAVATORS 2.5 - 4.5 T & SKIDSTEER LOADERS**
For Trenches 300-600mm Depth

- Oil Pressure Range: 160-240 Bar
- Oil Flow Range: 35-65 lpm
- Unit Width: 850mm
- Unit Height: 736mm
- Unit Length: 1465mm
- Cutting Width Range: 100-300mm

Technical data may be subject to change without notice.

**TUNGSTEN WEAR PARTS**

- Tungsten Tooth Right Hand 44-2001
- Tungsten Tooth Centre 44-2002
- Tungsten Tooth Right Hand 44-2003

**EARTH WEAR PARTS**

- Earth Tooth Left Hand 44-2010
- Earth Tooth Right Hand 44-2011

**BOOM SPARE PARTS**

- MT Sprocket 42-1033
- Nose Roller, Bearing & Circlip Kit 42-1900-KIT

**EXCAVATORS 3 - 5 T & SKIDSTEER LOADERS**
For Trenches 600-900mm Depth

- Oil Pressure Range: 180-240 Bar
- Oil Flow Range: 45-80 lpm
- Unit Width: 850mm
- Unit Height: 736mm
- Unit Length: 1800mm
- Cutting Width Range: 100-300mm

Technical data may be subject to change without notice.

**IDEALLY SUITED**

**SUITABLE**

**NOT SUITED**

www.augertorque.co.za
There are a choice of 3 chain options for each machine to allow for differing ground conditions. Check the chain widths available against Auger Torque charts, price lists and specifications.

<table>
<thead>
<tr>
<th>CHAIN OPTIONS</th>
</tr>
</thead>
</table>

MOUNTING HITCH OPTIONS
Three versions of mounting hitches are available:

SIDE SHIFT FRAME
For Skidsteer Loaders

MINI LOADER FRAME
for Mini Loaders

EXCAVATOR HITCH
Available in several pin sizes to fit most machines.

Pin diameter options
30mm: 15-53000
35mm: 15-53500
40mm: 15-54000
45mm: 15-54500

GROUND CONDITIONS

EARTH
Best suited to soft grounds like earth and clay.

COMBINATION
Best used in dry, hard or medium ground conditions.

TUNGSTEN
Best used in dry, hard ground conditions.

CHAIN WIDTH OPTIONS

<table>
<thead>
<tr>
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<table>
<thead>
<tr>
<th>DEPTH A</th>
<th>DEPTH B</th>
<th>DEPTH C</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT 600</td>
<td>300mm</td>
<td>450mm</td>
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<tr>
<td>MT 900</td>
<td>600mm</td>
<td>750mm</td>
</tr>
<tr>
<td></td>
<td>600mm</td>
<td>900mm</td>
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</table>

<table>
<thead>
<tr>
<th>EARTH</th>
<th>COMBINATION</th>
<th>TUNGSTEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft Ground</td>
<td>Mixed Terrain</td>
<td>Hard Ground / Frozen</td>
</tr>
</tbody>
</table>

Adjustable Depth-control Skid allows for 3 different depth settings.
XHD Trencher Range

EXCAVATORS 5 - 10 T & SKIDSTEER LOADERS
For Trenches 600-900mm Depth

EXCAVATORS 5 - 10 T & SKIDSTEER LOADERS
For Trenches 800-1200mm Depth

EXCAVATORS 5 - 10 T & SKIDSTEER LOADERS
For Trenches 1000-1500mm Depth

Technical data may be subject to change without notice.
TRENCH DEPTH CAPABILITY

Adjustable Depth-control Skid allows for 3 different depth settings

<table>
<thead>
<tr>
<th>DEPTH A</th>
<th>DEPTH B</th>
<th>DEPTH C</th>
</tr>
</thead>
<tbody>
<tr>
<td>XHD 900</td>
<td>600mm</td>
<td>750mm</td>
</tr>
<tr>
<td>XHD 1200</td>
<td>800mm</td>
<td>1000mm</td>
</tr>
<tr>
<td>XHD 1500</td>
<td>1000mm</td>
<td>1250mm</td>
</tr>
</tbody>
</table>

MOUNTING HITCH OPTIONS

Three versions of mounting hitches are available:

SIDE SHIFT FRAME
For Skidsteer Loaders

MINI LOADER FRAME
for Mini Loaders

EXCAVATOR HITCH
Available in several pin sizes to fit most machines.

Pin diameter options
- 40mm 15-64000
- 45mm 15-64500
- 50mm 15-65000
- 55mm 15-65500
- 60mm 15-66000
- 65mm 15-66500

GROUND CONDITIONS

EARTH
Best suited to soft grounds like earth and clay.

COMBINATION
Best used in dry, hard or medium ground conditions.

TUNGSTEN
Best used in dry, hard ground conditions.

CHAIN OPTIONS

There are a choice of 3 chain options for each machine to allow for differing ground conditions. Check the chain widths available against Auger Torque charts, price lists and specifications.

CHAIN WIDTH OPTIONS

<table>
<thead>
<tr>
<th>150mm</th>
<th>200mm</th>
<th>250mm</th>
<th>300mm</th>
<th>350mm</th>
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</thead>
<tbody>
<tr>
<td>XHD 900 Earth</td>
<td>44-3904</td>
<td>44-3907</td>
<td>44-3910</td>
<td>44-3913</td>
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<td>XHD 900 Combination</td>
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<td>XHD 900 Tungsten</td>
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<td>44-3912</td>
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<tr>
<td>XHD 1200 Earth</td>
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<tr>
<td>XHD 1200 Combination</td>
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<tr>
<td>XHD 1200 Tungsten</td>
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<tr>
<td>XHD 1500 Combination</td>
<td>44-3938</td>
<td>44-3941</td>
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</tr>
<tr>
<td>XHD 1500 Tungsten</td>
<td>44-3939</td>
<td>44-3942</td>
<td>-</td>
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</tbody>
</table>
Sweeper Broom

Auger Torque Sweeper Brooms make site clearance a breeze. Offering easy adjustment, simple brush replacement, high quality hydraulic motors and low maintenance design are just a few of the features.

With the optional high capacity, low profile water spray system for keeping airborne dust to a minimum, our brooms really do stand out from the rest.

Available for Skid Steer Loaders, Front End Loaders and Telehandlers.

FEATURES

- 1800mm sweep width
- Forward and reverse motion
- Fit motor to left or right side of sweeper to suit hydraulic connections
- Lockable bucket cover for convenient brush access
- Lightweight aluminium brush assembly - Easy brush replacement
- Simple brush depth adjustment
- Reversible bolt on cutting edge
- Easy-change rubber dust suppression skirts
- Water spray system (optional)
- Rear guide wheels
- Low profile design for enhanced operator visibility
- Low maintenance

SWEEPER 1800

- Oil Pressure Range: 240 Bar max
- Oil Flow Range: 65–115 lpm
- Hose Ports: 1/2” BSP
- Sweep Width: 1800mm
- Brush Diameter: 600mm
- Unit Width: 2183mm
- Unit Height: 627mm
- Unit Depth: 1329mm
- Unit Weight: 470 kg

Optional Extras: Water Spray System

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Skid Steer Loader
Pallet Forks

Ideal for site locations where pallet handling is needed but the site is unmade or too rough for a fork lift truck.

FEATURES
- Large range of tine options available up to 2000 Kg’s
- Fully adjustable tines with locking pins
- Tines are fixed at the top and heel preventing bouncing while carrying loads
- High visibility brick guard giving you good vision whilst loading and unloading - crucial in a safety conscious age
- Side step for easy entry and exit of the cab
- Can be disassembled and packed into a compact storage space when not in use

*All dimensions are approximate
Mixer Bowls

Available with a 180 Litre capacity, the Auger Torque Mixer Bowl attaches quickly and easily to our Earth Drills.

Mixing in inaccessible areas where stand alone machines are not practical has never been easier. Skidsteer and Excavator mount brackets are available. A Mixer Bowl is the perfect addition to our Mini Loader Earth Drill range.

Ideal for fencing contractors, with the aid of the Mixer Cradle Hitch the Auger can be quickly removed and the Mixer Bowl attached and locked in place with the standard Auger Pin. After the concrete has been laid the Auger can be replaced for the next post.

When used on Skidsteer machines the mixer bowl requires the use of a mixer cradle that is mounted easily to any of our Skidsteer loader frames.

Mixer Bowls

Machine Compatibility: X1500 - 7000MAX
Bowl Capacity: 180 Litres
Unit Depth: 690mm
Unit Diameter: 724mm
Unit Weight: 33kg

Technical data may be subject to change without notice.
Hedge Trimmer

We are pleased to announce a new addition to our ever increasing line of high quality attachments. The Auger Torque T150 Hedge Trimmer.

The Auger Torque Hedge Trimmer is the perfect addition for excavators (1.5T - 8T) and Skidsteer loaders, and offers a variety of motor sizes to suit your application. The newly designed mounting frame allows you to quickly switch the Hedge Trimmer between the left and right hand side of the parent machine. When fitted to a Skid Steer, it can also be used to cut grass and brush. Attaching the optional tooth extension provides a full 2.5m cutting length. This is sure to make trimming more precise, efficient and will provide yet another way to expand the versatility of existing machines.

FEATURES
- Suits 1.5 to 8T excavators and Skid Steer Loaders
- Variety of motor sizes
- 1.5m cutting length
- 1m cutting extension (optional)
- Quickly switch between left and right side cutting
- Cut branches up to 40mm diameter
- Replaceable cutting teeth
- Neat and accurate cut
- High performance
- Extreme durability
- Low maintenance
- Hoses included
- Delivered ready to use

T150
- Oil Pressure Range: 28-220 Bar
- Oil Flow Range: 25-75 lpm
- Suitable For: 1.5T - 8T Excavators
- Skid Steer Loaders
- Cutting Length: 1500mm
- Max. Cutting Dia.: 40mm
- Unit Width: 1537mm
- Unit Height: 292mm
- Unit Depth: 357mm
- Unit Weight: 69 kg
- Hitch Options: Double Pin Hitch
- Skid Steer Frame
- Hoses Included: Yes

1m Extension
Extends cutting length to 2.5m

EXTENSION
- Cutting Length: 1000mm
- Unit Width: 1058mm
- Unit Height: 120mm
- Unit Depth: 217mm
- Unit Weight: 26 kg
**Variable Mulcher**

Whether you are tackling overgrown ditches, low level vegetation or whole tree removal, the Auger Torque Variable Mulcher attachments offer the ideal solution with perfect results.

Suitable for Excavators and Skidsteer Loaders, the Variable Mulcher provides a working width up to 1.5m, and has the unique feature of being able to change the whole tooth drum instead of individual teeth, saving a LOT of time in the process.

**VM1000**
- Standard Gear Motor
- Oil Pressure Range: 160–180 Bar
- Oil Flow Range: 60–70 lpm
- Suitable For: 5T – 10T Excavators, Skidsteers
- Drum Cutting Width: 1000mm
- Drum Speed: 2400rpm (machine dependant)
- Max. Log Dia.: 120mm
- Unit Width: 1229mm
- Unit Height: 529mm
- Unit Depth: 794mm
- Unit Weight: 400 kg

**VM1500**
- Standard Piston Motor
- Oil Pressure Range: 220–240 Bar
- Oil Flow Range: 85–95 lpm
- Suitable For: 10T – 15T Excavators, Skidsteers
- Drum Cutting Width: 1500mm
- Drum Speed: 2400rpm (machine dependant)
- Max. Log Dia.: 250mm
- Unit Width: 1820mm
- Unit Height: 953mm
- Unit Depth: 994mm
- Unit Weight: 800 kg

**FEATURES**
- Replaceable toothed cutting drum
- Working width options of 1m and 1.5m
- Heavy duty steel construction
- Hinged ddoor for easy drum access
- High quality motor and hoses
- Easy access maintenance panels

**APPLICATIONS**
- Ground clearance
- Woodland pathway creation and maintenance
- Clear and maintain vegetation
- Tree and hedge trimming
- Mulch trees and hedges down to ground level
- Fire break creation

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Log Splitter

It’s quick and efficient. Augertorque’s new Log Splitter for processing and recycling logs.

The compact and robust Log Splitter makes light work of processing those fallen trees into manageable pieces.

As the Log Splitter rotates, the self-guiding threaded body engages with the timber and draws the splitter into the log. The conical shape quickly works its way through the log, splitting the log in two. For larger logs, the Splitter can be repositioned to continue the split along the whole length of the log.

EXCAVATORS 1 - 5 TONNES & SKIDSTEERS

Earth Drill Compatibility: X2000 - 4500MAX
Diameter: 180mm
Length: 300mm
Hub Options: 65 Round
Unit Weight: 14.6 kg

Technical data may be subject to change without notice.
Stump Planers

Removal of tree stumps is a job which, at best, is noisy, messy and time consuming. Traditional methods of removal shower chippings over a wide area making clean up a time-consuming exercise.

With the Auger Torque Stump Planer, tree stumps are removed effortlessly and quietly and clean up time is reduced significantly.

The Auger Torque Stump Planer is the quick and easy attachment to any Earth Drill for the effective, clean removal of tree stumps of any size.

If you need to clear ground in preparation of works or earth drilling there is no better way to remove the remains of trees. Stump Planers are available in numerous sizes with a range of different hub options for different demands.

Quick and easy with minimal mess compared to traditional stump grinding makes this a must-have product for those working in ground preparation and woodland maintenance.
Stump removal is now a clean and quiet operation which can be performed quickly and efficiently by a single operator.

MULTI-PASS CUTTING PATTERN

Tackle very large tree stumps with ease by making multiple cuts in a spiral pattern, starting from the outside and working towards the centre.

The unique pilot engages with the top surface of the tree stump drawing the tool down allowing the blades to engage with a clean horizontal cut.

As the blades rotate they shave the wood into a tidy pile and pull the planer down further.

When the planer has achieved a deep cut, reposition to overlap the first hole and repeat the process until all of the stump is removed.

Stump removal is now a clean and quiet operation which can be performed quickly and efficiently by a single operator.