



# Features of our Earth Drills

## FORGED HOOD EARS

Earth Drill Hood Ears are forged to cope with the heavy strain of daily use. All hood pins are locked for extra safety making it almost impossible for the hood to detach from your hitch.

## HOSE & COUPLER OPTIONS

All Earth Drills come standard with high quality hoses and couplers (excludes larger units).

## HIGH QUALITY HYDRAULIC MOTORS

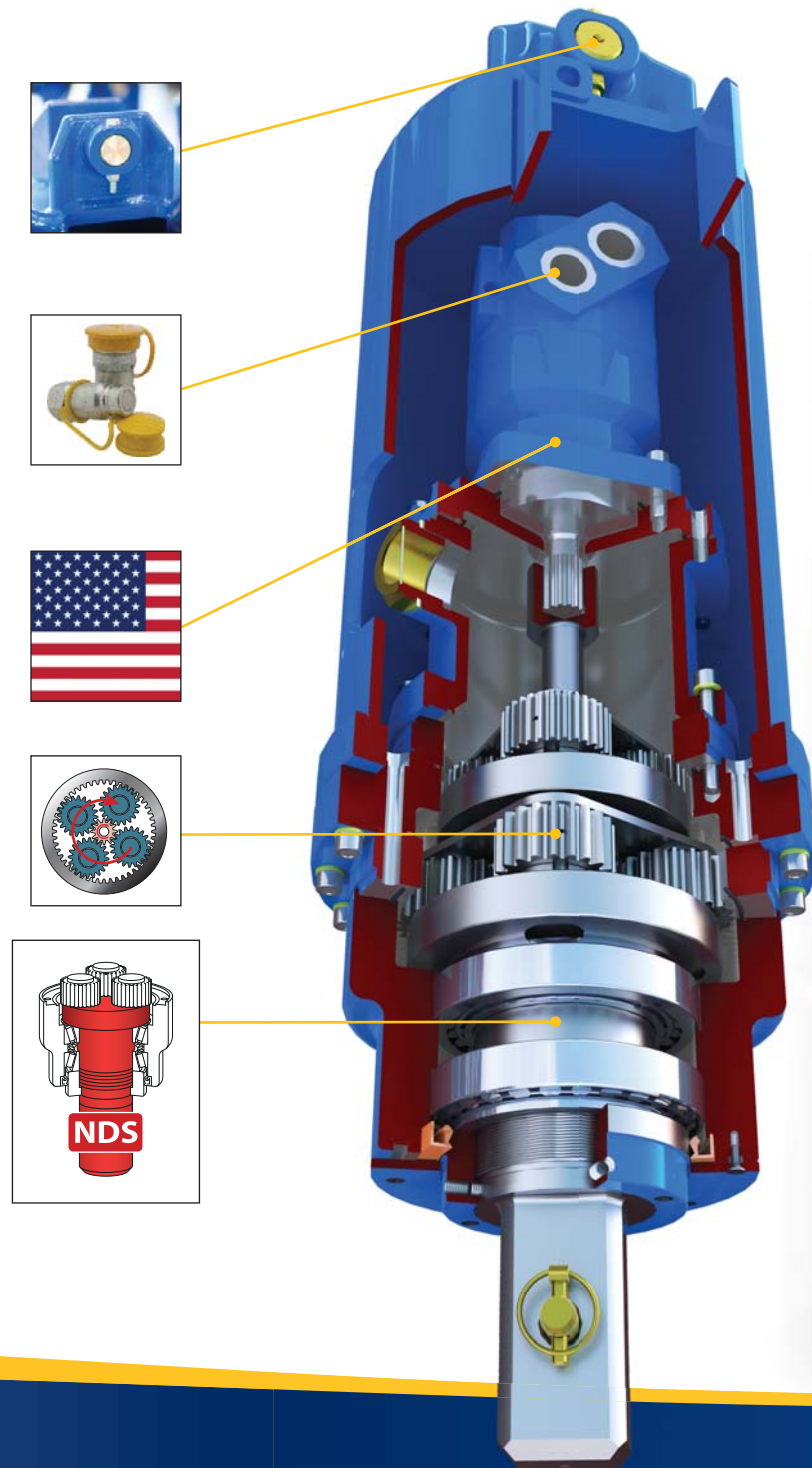
Auger Torque's huge buying power means we work closely with companies such as Eaton in America to develop the most reliable attachments available on the market today. Unlike some manufacturers all our Eaton Motors are in fact USA made.

## 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-DISLODGE MENT 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.





## MICRO EXCAVATORS 0.75 - 1 T

### S2 AUGERS 100mm-300mm Dia

Torque Range: 189-1,164 Nm  
 Oil Pressure Range: 30-185 Bar  
 Oil Flow Range: 15-32 lpm  
 Speed Range: 38-81 rpm  
 Unit Height: 450mm  
 Unit Diameter: 168mm  
 Unit Weight: 35 kg  
 Output Shaft Std: 50mm Round Stihl



Single Pin Hitch



50mm Round Stihl Coupling

The Output Shaft on the 1200 Earth Drill can accept the Stihl coupling directly to the shaft.

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH METRES**	
	SOFT	MEDIUM
100	0.9M	0.9M
150	↓	↓
200	↓	↓
225	0.9M	0.9M
250	0.9M	0.9M
300	0.9M	0.9M

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## AUGER SUMMARY

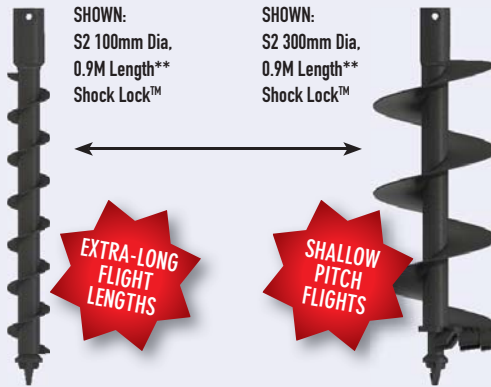
Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S2 AUGERS

Auger Torque S2 Augers feature extra long flighted sections of shallow pitch flights. The Augers are fitted with **Earth Teeth** and an **Earth Pilot**.

Available in the following diameters:

100mm	200mm	250mm
150mm	225mm	300mm



### SHOCK LOCK™ Tooth Locking System

DON'T LEAVE YOUR TEETH DOWN THE HOLE!



UNIQUE

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



### IDEAL FOR FENCING

The Earth Drill 1200 is Auger Torque's entry level model however its compact size and robust construction and ability to turn a 300mm Auger make it very popular in the fencing industry.





## X1500 Earth Drill

### 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 Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin  
Cradle Hitch



65mm Round 2" Hex 57mm Square



## X2000 Earth Drill

### MINI EXCAVATORS 1 - 2.5 T

#### S4 AUGERS 100mm-450mm Dia

Torque Range: 639-2,190 Nm  
Oil Pressure Range: 70-240 Bar

Oil Flow Range: 25-57 lpm  
Speed Range: 43-99 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 Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin  
Cradle Hitch



65mm Round 2" Hex 57mm Square



## X2500 Earth Drill

### MINI EXCAVATORS 1.5 - 3 T

#### S4 AUGERS 100mm-500mm 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: 585 mm  
Unit Diameter: 200 mm  
Unit Weight: 48 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin  
Cradle Hitch



65mm Round 2" Hex 57mm Square



## 3000 Earth Drill MAX

### MINI EXCAVATORS 2 - 4 T

#### S4 AUGERS 100mm-600mm Dia

Torque Range: 959-2,877 Nm  
Oil Pressure Range: 80-240 Bar

Oil Flow Range: 27-75 lpm  
Speed Range: 36-100 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 Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin  
Cradle Hitch



65mm Round 2" Hex 57mm Square

#### GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2M	1.8M	1.6M
150	2M	1.8M	1.6M
200	1.8M	1.6M	1.4M
225	1.8M	1.6M	1.4M
250	1.5M	1.4M	1.3M
300	1.5M	1.4M	1.3M
350	1.5M	1.4M	1.3M
375	1.5M	1.4M	1.3M
400	1.2M	1.1M	1M

#### GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2.2M	2M	1.8M
150			
200			
225			
250	↓	↓	↓
300	2.2M	2M	1.8M
350	2M	1.8M	1.6M
375	1.8M	1.6M	1.4M
400	1.5M	1.4M	1.3M
450	1.2M	1.1M	1M

#### GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2.5M	2.3M	2.1M
150			
200			
225			
250	↓	↓	↓
300	2.5M	2.3M	2.1M
350	2.3M	2.1M	1.9M
375	2.1M	1.9M	1.7M
400	1.9M	1.7M	1.5M
450	1.7M	1.5M	1.4M
500	1.5M	1.4M	1.3M

#### GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	3M	2.7M	2.4M
150			
200			
225			
250			
300			
350			
375	↓	↓	↓
400	3M	2.7M	2.4M
450	2.6M	2.3M	2.1M
500	2.3M	2.1M	1.9M
550	2M	1.8M	1.6M
600	1.8M	1.6M	1.4M

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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: 73 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin Cradle Hitch



65mm Round 2" Hex 57mm Square

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	3M	2.7M	2.4M
150			
200			
225			
250			
300			
350			
375			
400			
450			
500	↓	↓	↓
550	3M	2.7M	2.4M
600	2.9M	2.6M	2.3M
700	2.3M	2.1M	1.9M
750	1.8M	1.6M	1.4M



### MINI EXCAVATORS 3 - 5 T

#### S4 AUGERS 100mm-900mm Dia

Torque Range: 1,500-4,499 Nm  
Oil Pressure Range: 80-240 Bar

Oil Flow Range: 50-95 lpm  
Speed Range: 43-81 rpm

Unit Height: 665mm  
Unit Diameter: 244mm  
Unit Weight: 75 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Double Pin Cradle Hitch



65mm Round 2" Hex 57mm Square

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	4M	3.6M	3.2M
150			
200			
225			
250			
300			
350			
375			
400			
450			
500			
550	↓	↓	↓
600	4M	3.6M	3.2M
700	3M	2.7M	2.4M
750	2.5M	2.3M	2.1M
800	2M	1.8M	1.6M
900	1.5M	1.4M	1.3M

## AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S4 AUGERS

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

Available in the following diameters:

100mm	300mm	500mm	800mm
150mm	350mm	550mm	900mm
200mm	375mm	600mm	
225mm	400mm	700mm	
250mm	450mm	750mm	

### S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm	800mm
1M	1.2M



### SHOCK LOCK™ Tooth Locking System

DON'T LEAVE YOUR TEETH DOWN THE HOLE!



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



**ML1500**  
Earth Drill

**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: 406 mm  
Unit Width: 205 mm  
Unit Weight: 38 kg  
Mounting Frame: 2 Way Swing  
4 Way Swing  
Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



4 Way Swing Frame  
2 Way Swing Frame



65mm Round 2" Hex 57mm Square

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2M	1.8M	1.6M
150	2M	1.8M	1.6M
200	1.8M	1.6M	1.4M
225	1.8M	1.6M	1.4M
250	1.5M	1.4M	1.3M
300	1.5M	1.4M	1.3M
350	1.5M	1.4M	1.3M
375	1.5M	1.4M	1.3M
400	1.2M	1.1M	1M



**ML2000**  
Earth Drill

**MINI LOADERS**

**S4 AUGERS**  
**100mm-450mm Dia**

Torque Range: 639-2,190 Nm  
Oil Pressure Range: 70-240 Bar  
Oil Flow Range: 25-57 lpm  
Speed Range: 43-99 rpm  
Unit Height: 465 mm  
Unit Width: 205 mm  
Unit Weight: 40 kg  
Mounting Frame: 2 Way Swing  
4 Way Swing  
Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



4 Way Swing Frame  
2 Way Swing Frame



65mm Round 2" Hex 57mm Square

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2.2M	2M	1.8M
150			
200			
225			
250	↓	↓	↓
300	2.2M	2M	1.8M
350	2M	1.8M	1.6M
375	1.8M	1.6M	1.4M
400	1.5M	1.4M	1.3M
450	1.2M	1.1M	1M



**ML2500**  
Earth Drill

**MINI LOADERS**

**S4 AUGERS**  
**100mm-500mm 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: 465 mm  
Unit Width: 205 mm  
Unit Weight: 40 kg  
Mounting Frame: 2 Way Swing  
4 Way Swing  
Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



4 Way Swing Frame  
2 Way Swing Frame



65mm Round 2" Hex 57mm Square

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	2.5M	2.3M	2.1M
150			
200			
225			
250	↓	↓	↓
300	2.5M	2.3M	2.1M
350	2.3M	2.1M	1.9M
375	2.1M	1.9M	1.7M
400	1.9M	1.7M	1.5M
450	1.7M	1.5M	1.4M
500	1.5M	1.4M	1.3M



**3000 MAX**  
Earth Drill

**SKIDSTEER LOADERS**  
**LOW FLOW**  
**UP TO 50 HP**

**S4 AUGERS**  
**100-600mm Dia**

Torque Range: 959-2,877 Nm  
Oil Pressure Range: 80-240 Bar  
Oil Flow Range: 27-75 lpm  
Speed Range: 36-100 rpm  
Unit Height: 665mm  
Unit Diameter: 244mm  
Unit Weight: 71 kg  
Mounting Frame: Fixed Centre Cradle  
Side Shift Cradle  
Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Side Shift Frame



65mm Round 2" Hex 57mm Square

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	3M	2.7M	2.4M
150			
200			
225			
250			
300			
350			
375	↓	↓	↓
400	3M	2.7M	2.4M
450	2.6M	2.3M	2.1M
500	2.3M	2.1M	1.9M
550	2M	1.8M	1.6M
600	1.8M	1.6M	1.4M

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**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 Opt: 2" Hex  
 57mm Square



Side Shift Frame



65mm Round 2" Hex 57mm Square



**SKIDSTEER LOADERS  
LOW FLOW  
UP TO 80 HP**

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

Torque Range: 1,500-4,499 Nm  
 Oil Pressure Range: 80-240 Bar  
 Oil Flow Range: 50-95 lpm  
 Speed Range: 43-81 rpm  
 Unit Height: 665mm  
 Unit Diameter: 244mm  
 Unit Weight: 75 kg  
 Mounting Frame: Fixed Centre Cradle  
 Side Shift Cradle  
 Output Shaft Std: 65mm Round  
 Output Shaft Opt: 2" Hex  
 57mm Square



Side Shift Frame



65mm Round 2" Hex 57mm Square

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	3M	2.7M	2.4M
150			
200			
225			
250			
300			
350			
375			
400			
450			
500	↓	↓	↓
550	3M	2.7M	2.4M
600	2.9M	2.6M	2.3M
700	2.3M	2.1M	1.9M
750	1.8M	1.6M	1.4M

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	4M	3.6M	3.2M
150			
200			
225			
250			
300			
350			
375			
400			
450			
500	↓	↓	↓
550	↓	↓	↓
600	4M	3.6M	3.2M
700	3M	2.7M	2.4M
750	2.5M	2.3M	2.1M
800	2M	1.8M	1.6M
900	1.5M	1.4M	1.3M

**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

**S4 AUGERS**

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

Available in the following diameters:

100mm	300mm	500mm	800mm
150mm	350mm	550mm	900mm
200mm	375mm	600mm	
225mm	400mm	700mm	
250mm	450mm	750mm	

**S4 EXTENSIONS**

S4 Auger Extensions are available in the following lengths:

500mm	800mm
1M	1.2M



**SHOCK LOCK™  
Tooth Locking System**

DON'T LEAVE YOUR TEETH DOWN THE HOLE!



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



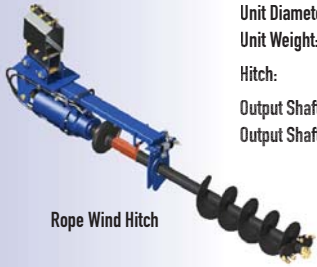


**3000Tc**  
Earth Drill

**TRUCK CRANES TO 9 T / METRE**

**S4 AUGERS  
100mm-600mm Dia**

Torque Range: 959-3,116 Nm  
Oil Pressure Range: 80-260 Bar  
Oil Flow Range: 5-35 lpm  
Speed Range: 7-46 rpm  
Unit Height: 665mm  
Unit Diameter: 244mm  
Unit Weight: 73 kg  
Hitch: Rope Wind Hitch  
Output Shaft Std: 65mm Round  
Output Shaft Opt: 2" Hex  
57mm Square



Rope Wind Hitch



65mm Round 2" Hex 57mm Square

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
100	3M	2.7M	2.4M
150			
200			
225			
250			
300			
350			
375	↓	↓	↓
400	3M	2.7M	2.4M
450	2.5M	2.3M	2.1M
500	2M	1.8M	1.6M
550	1.8M	1.6M	1.4M
600	1.5M	1.4M	1.3M

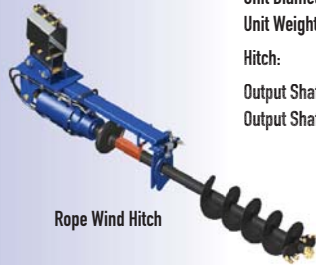


**5500Tc**  
Earth Drill

**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 Opt: 2.5" Hex



Rope Wind Hitch



75mm Square 2.5" Hex

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	4M	3.6M	3.2M
200			
225			
250			
300			
350			
375			
400			
450			
500			
550	↓	↓	↓
600	4M	3.6M	3.2M
700	3.5M	3.2M	2.9M
750	3M	2.7M	2.4M
800	2.5M	2.3M	2.1M



**7000Tc**  
Earth Drill

**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 Opt: 2.5" Hex



Rope Wind Hitch



75mm Square 2.5" Hex

**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	5M	4.5M	4.1M
200			
225			
250			
300			
350			
375			
400			
450	↓	↓	↓
500	5M	4.5M	4.1M
550	4M	3.6M	3.2M
600	4M	3.6M	3.2M
700	4M	3.6M	3.2M
750	3.5M	3.2M	2.9M
800	3M	2.7M	2.4M
900	2.5M	2.3M	2.1M
1000	2M	1.8M	1.6M



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## AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S4 AUGERS FOR THE 3000TC

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

Available in the following diameters:

100mm	300mm	500mm
150mm	350mm	550mm
200mm	375mm	600mm
225mm	400mm	
250mm	450mm	

### S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm
800mm
1M
1.2M



**SHOCK LOCK™**  
Tooth Locking System

DON'T LEAVE YOUR TEETH DOWN THE HOLE!



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

### S5 AUGERS FOR THE 5500TC AND 7000TC

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

Available in the following diameters:

150mm	350mm	550mm	900mm
200mm	375mm	600mm	1M
225mm	400mm	700mm	
250mm	450mm	750mm	
300mm	500mm	800mm	

### S5 EXTENSIONS

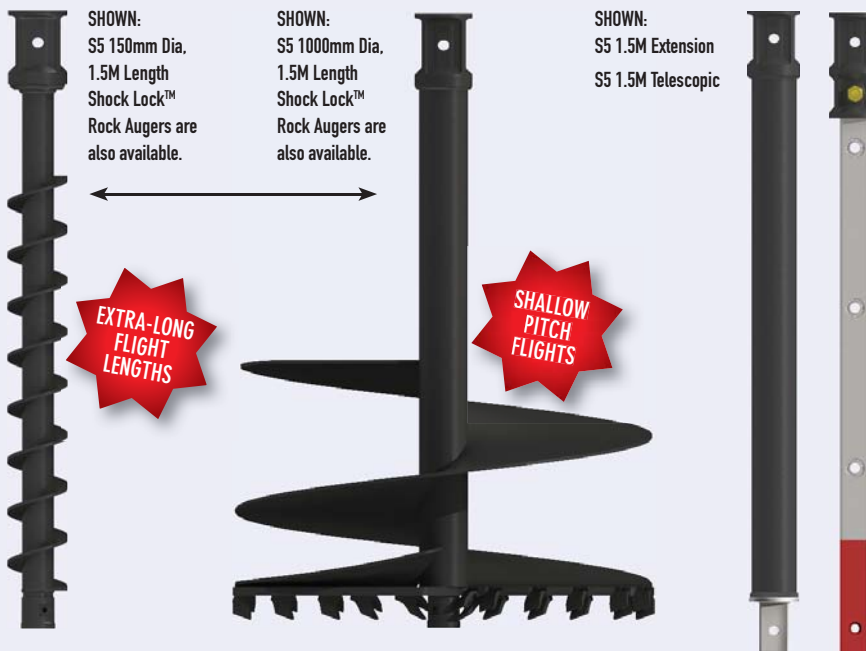
Available in the following lengths:

1M	1.5M
2M	

### S5 TELESCOPIC

Available in the following lengths:

1.5M	2M
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**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.



### EXCAVATORS 4.5 - 6 T

**S5 AUGERS**  
150mm-750mm Dia

Torque Range: 1,685-5,056 Nm  
Oil Pressure Range: 80-240 Bar  
Oil Flow Range: 40-95 lpm  
Speed Range: 30-72 rpm  
Unit Height: 780mm  
Unit Diameter: 269mm  
Unit Weight: 108 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Optional Extras: 2 Way Valve  
Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



Double Pin Hitch



Cradle Hitch Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	4M	3.6M	3.2M
200			
225			
250			
300			
350			
375			
400			
450			
500			
550	↓	↓	↓
600	4M	3.6M	3.2M
700	3.5M	3.2M	2.9M
750	3M	2.7M	2.4M



75mm Square 2.5" Hex



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



### EXCAVATORS 5 - 7 T

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

Torque Range: 2,098-6,819 Nm  
Oil Pressure Range: 80-260 Bar  
Oil Flow Range: 50-115 lpm  
Speed Range: 30-70 rpm  
Unit Height: 780mm  
Unit Diameter: 269mm  
Unit Weight: 110 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Optional Extras: 2 Way Valve  
Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



Double Pin Hitch



Cradle Hitch Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	5M	4.5M	4.1M
200			
225			
250			
300			
350			
375			
400			
450	↓	↓	↓
500	5M	4.5M	4.1M
550	4M	3.6M	3.2M
600	4M	3.6M	3.2M
700	4M	3.6M	3.2M
750	3.5M	3.2M	2.9M
800	3M	2.7M	2.4M
900	2.5M	2.3M	2.1M



75mm Square 2.5" Hex



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



### EXCAVATORS 5 - 7 T

**BACKHOES**  
**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  
Double Pin Hitch  
Cradle Hitch

Optional Extras: 2 Way Valve  
Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



Double Pin Hitch



Cradle Hitch Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	5M	4.5M	4.1M
200			
225			
250			
300			
350			
375			
400			
450	↓	↓	↓
500	5M	4.5M	4.1M
550	4M	3.6M	3.2M
600	4M	3.6M	3.2M
700	4M	3.6M	3.2M
750	3.5M	3.2M	2.9M
800	3M	2.7M	2.4M
900	2.5M	2.3M	2.1M



75mm Square 2.5" Hex



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



### EXCAVATORS 6 - 8 T

**BACKHOES**  
**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  
Double Pin Hitch  
Cradle Hitch

Optional Extras: 2 Way Valve  
Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



Double Pin Hitch



Cradle Hitch Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	6M	5.4M	4.9M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	6M	5.4M	4.9M
450	5M	4.5M	4.1M
500	5M	4.5M	4.1M
550	5M	4.5M	4.1M
600	5M	4.5M	4.1M
700	4.5M	4.1M	3.7M
750	4M	3.6M	3.2M
800	4M	3.6M	3.2M
900	3.5M	3.2M	2.9M
1000	3.5M	3.2M	2.9M
1200	3M	2.7M	2.4M



75mm Square 2.5" Hex



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

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## AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S5 AUGERS

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

Available in the following diameters:

150mm	350mm	550mm	900mm
200mm	375mm	600mm	1M
225mm	400mm	700mm	1.2M
250mm	450mm	750mm	
300mm	500mm	800mm	

### S5 EXTENSIONS

Available in the following lengths:

1M 1.5M  
2M

### S5 TELESCOPIC

Available in the following lengths:

1.5M 2M



SHOWN:  
S5 150mm Dia,  
1.5M Length  
Shock Lock™  
Rock Augers are  
also available.

SHOWN:  
S5 1M Dia,  
1.5M Length  
Shock Lock™  
Rock Augers are  
also available.

SHOWN:  
S5 1.5M Extension  
S5 1.5M Telescopic

EXTRA-LONG  
FLIGHT  
LENGTHS

SHALLOW  
PITCH  
FLIGHTS

**SHOCK LOCK™**  
Tooth Locking System

DON'T LEAVE YOUR TEETH  
DOWN THE HOLE!



UNIQUE

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





**SKIDSTEER LOADERS  
HIGH FLOW  
UP TO 100 HP**

**TELEHANDLERS  
4.5 - 7 T**

**S5 AUGERS  
150mm-750mm Dia**

Torque Range: 1,685-5,477 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 Opt: 2.5" Hex



**SKIDSTEER LOADERS  
HIGH FLOW  
UP TO 115 LPM**

**TELEHANDLERS  
5 - 7 T**

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

Torque Range: 2,098-6,819 Nm  
Oil Pressure Range: 80-260 Bar

Oil Flow Range: 50-115 lpm  
Speed Range: 30-70 rpm

Unit Height: 780mm  
Unit Diameter: 269mm  
Unit Weight: 110 kg

Mounting Frame: Fixed Centre Cradle  
Side Shift Cradle

Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



**SKIDSTEER LOADERS  
HIGH FLOW  
UP TO 135 LPM**

**TELEHANDLERS  
5 - 8 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

Mounting Frame: Fixed Centre Cradle  
Side Shift Cradle

Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



**SKIDSTEER LOADERS  
HIGH FLOW  
UP TO 150 LPM**

**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

Mounting Frame: Fixed Centre Cradle  
Side Shift Cradle

Output Shaft Std: 75mm Square  
Output Shaft Opt: 2.5" Hex



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	4M	3.6M	3.2M
200			
225			
250			
300			
350			
375			
400			
450			
500			
550	↓	↓	↓
600	4M	3.6M	3.2M
700	3.5M	3.2M	2.9M
750	3M	2.7M	2.4M



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	5M	4.5M	4.1M
200			
225			
250			
300			
350			
375			
400			
450	↓	↓	↓
500	5M	4.5M	4.1M
550	4M	3.6M	3.2M
600	4M	3.6M	3.2M
700	4M	3.6M	3.2M
750	3.5M	3.2M	2.9M
800	3M	2.7M	2.4M
900	2.5M	2.3M	2.1M



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	5M	4.5M	4.1M
200			
225			
250			
300			
350			
375			
400			
450	↓	↓	↓
500	5M	4.5M	4.1M
550	4M	3.6M	3.2M
600	4M	3.6M	3.2M
700	4M	3.6M	3.2M
750	3.5M	3.2M	2.9M
800	3M	2.7M	2.4M
900	2.5M	2.3M	2.1M



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	6M	5.4M	4.9M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	6M	5.4M	4.9M
450	5M	4.5M	4.1M
500	5M	4.5M	4.1M
550	5M	4.5M	4.1M
600	5M	4.5M	4.1M
700	4.5M	4.1M	3.7M
750	4M	3.6M	3.2M
800	4M	3.6M	3.2M
900	3.5M	3.2M	2.9M
1000	3.5M	3.2M	2.9M
1200	3M	2.7M	2.4M



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## AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S5 AUGERS

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

Available in the following diameters:

150mm	350mm	550mm	900mm
200mm	375mm	600mm	1M
225mm	400mm	700mm	1.2M
250mm	450mm	750mm	
300mm	500mm	800mm	

### S5 EXTENSIONS

Available in the following lengths:

1M 1.5M  
2M

### S5 TELESCOPIC

Available in the following lengths:

1.5M 2M



SHOWN:  
S5 150mm Dia,  
1.5M Length  
Shock Lock™  
Rock Augers are  
also available.

SHOWN:  
S5 1M Dia,  
1.5M Length  
Shock Lock™  
Rock Augers are  
also available.

SHOWN:  
S5 1.5M Extension  
S5 1.5M Telescopic

**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.





**10000**  
Earth Drill

**BACKHOES**

**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: 27-58 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: 75mm Square



Double Pin Cradle Hitch



Single Pin Hitch



Double Pin Hitch



75mm Square



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	6.5M	5.9M	5.3M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	6.5M	5.9M	5.3M
450	6M	5.4M	4.9M
500	6M	5.4M	4.9M
550	6M	5.4M	4.9M
600	6M	5.4M	4.9M
700	5.5M	5M	4.5M
750	5M	4.5M	4.1M
800	5M	4.5M	4.1M
900	4M	3.6M	3.2M



**12000**  
Earth Drill

**BACKHOES**

**S6 AUGERS**  
**150mm-1M Dia**

Torque Range: 4,203-12,610 Nm  
Oil Pressure Range: 80-240 Bar  
Oil Flow Range: 70-150 lpm  
Speed Range: 21-45 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: 75mm Square



Double Pin Cradle Hitch



Single Pin Hitch



Double Pin Hitch



75mm Square



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	7M	6.3M	5.7M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	7M	6.3M	5.7M
450	6.5M	5.9M	5.3M
500	6.5M	5.9M	5.3M
550	6.5M	5.9M	5.3M
600	6.5M	5.9M	5.3M
700	6M	5.4M	4.9M
750	5.5M	5M	4.5M
800	5.5M	5M	4.5M
900	5M	4.5M	4.1M
1000	4.5M	4.1M	3.7M



**15000**  
Earth Drill

**BACKHOES**

**S6 AUGERS**  
**150mm-1.2M Dia**

Torque Range: 5,024-15,071 Nm  
Oil Pressure Range: 80-240 Bar  
Oil Flow Range: 70-150 lpm  
Speed Range: 18-38 rpm  
Unit Height: 883mm  
Unit Diameter: 290mm  
Unit Weight: 165 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Optional Extras: 2 Way Valve  
Output Shaft: 75mm Square



Double Pin Cradle Hitch



Single Pin Hitch



Double Pin Hitch



75mm Square



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	7.5M	6.8M	6.1M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	7.5M	6.8M	6.1M
450	7M	6.3M	5.7M
500	7M	6.3M	5.7M
550	7M	6.3M	5.7M
600	7M	6.3M	5.7M
700	6.5M	5.9M	5.3M
750	6M	5.4M	4.9M
800	6M	5.4M	4.9M
900	5.5M	5M	4.5M
1000	5M	4.5M	4.1M
1200	4.5M	4.1M	3.7M







**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



Double Pin Cradle Hitch



Single Pin Hitch



Double Pin Hitch



75mm Square



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



Bolt On Pressure Relief Valve

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	7M	6.3M	5.7M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	7M	6.3M	5.7M
450	6.5M	5.9M	5.3M
500	6.5M	5.9M	5.3M
550	6.5M	5.9M	5.3M
600	6.5M	5.9M	5.3M
700	6M	5.4M	4.9M
750	5.5M	5M	4.5M
800	5.5M	5M	4.5M
900	5M	4.5M	4.1M
1000	4.5M	4.1M	3.7M



**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: 173 kg

Hitch Options: Single Pin Hitch  
 Double Pin Hitch  
 Cradle Hitch

Optional Extras: Pressure Relief Valve  
 2 Way Valve

Output Shaft Std: 75mm Square



Double Pin Cradle Hitch



Single Pin Hitch



Double Pin Hitch



75mm Square



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



Bolt On Pressure Relief Valve

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	7.5M	6.8M	6.1M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	7.5M	6.8M	6.1M
450	7M	6.3M	5.7M
500	7M	6.3M	5.7M
550	7M	6.3M	5.7M
600	7M	6.3M	5.7M
700	6.5M	5.9M	5.3M
750	6M	5.4M	4.9M
800	6M	5.4M	4.9M
900	5.5M	5M	4.5M
1000	5M	4.5M	4.1M
1200	4.5M	4.1M	3.7M

**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

**S6 AUGERS**

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

Available in the following diameters:

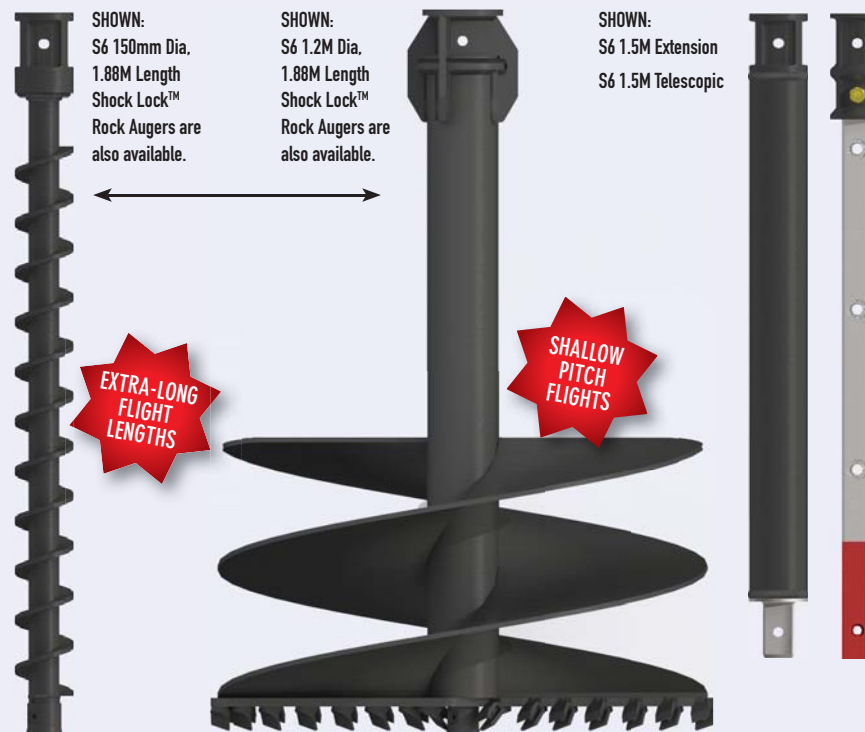
150mm	300mm	450mm	700mm	1M
200mm	350mm	500mm	750mm	1.2M
225mm	375mm	550mm	800mm	
250mm	400mm	600mm	900mm	

**S6 EXTENSIONS**

Available in the following lengths:  
 1.5M 2M 2.5M 3M

**S6 TELESCOPIC**

Available in the following lengths:  
 1.5M 2M



**SHOCK LOCK™  
Tooth Locking System**

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



**UNIQUE**

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

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### EXCAVATORS 12 - 17 T

**S6 AUGERS**  
**150mm-1M Dia**

Torque Range: 10,381-16,869 Nm  
Oil Pressure Range: 160-260 Bar  
Oil Flow Range: 80-170 lpm  
Speed Range: 20-42 rpm  
Unit Height: 1130mm  
Unit Diameter: 345mm  
Unit Weight: 267 kg

Hitch Options: Single Pin Hitch  
Double Pin Hitch  
Cradle Hitch

Optional Extras: Pressure Relief Valve  
2 Way Valve

Output Shaft: 75mm Square



Double Pin Hitch



Single Pin Hitch



75mm Square



Double Pin Cradle Hitch



Bolt On Pressure Relief Valve



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	8M	7.2M	6.5M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	8M	7.2M	6.5M
450	7.5M	6.8M	6.1M
500	7.5M	6.8M	6.1M
550	7.5M	6.8M	6.1M
600	7.5M	6.8M	6.1M
700	7M	6.3M	5.7M
750	6.5M	5.9M	5.3M
800	6.5M	5.9M	5.3M
900	6M	5.4M	4.9M
1000	5.5M	5M	4.5M



### 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



Double Pin Hitch



Single Pin Hitch



75mm Square



Double Pin Cradle Hitch



Bolt On Pressure Relief Valve



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	8.5M	7.7M	6.9M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	8.5M	7.7M	6.9M
450	8M	7.2M	6.5M
500	8M	7.2M	6.5M
550	8M	7.2M	6.5M
600	8M	7.2M	6.5M
700	7.5M	6.8M	6.1M
750	7M	6.3M	5.7M
800	7M	6.3M	5.7M
900	6.5M	5.9M	5.3M
1000	6M	5.4M	4.9M
1200	5.5M	5M	4.5M



### 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



Double Pin Hitch



Single Pin Hitch



75mm Square



Double Pin Cradle Hitch



Bolt On Pressure Relief Valve



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
150	9M	8.1M	7.3M
200			
225			
250			
300			
350			
375	↓	↓	↓
400	9M	8.1M	7.3M
450	8.5M	7.7M	6.9M
500	8.5M	7.7M	6.9M
550	8.5M	7.7M	6.9M
600	8.5M	7.7M	6.9M
700	8M	7.2M	6.5M
750	7.5M	6.8M	6.1M
800	7.5M	6.8M	6.1M
900	7M	6.3M	5.7M
1000	6.5M	5.9M	5.3M
1200	6M	5.4M	4.9M
1500	5M	4.5M	4.1M

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## AUGER SUMMARY

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

### S6 AUGERS

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

Available in the following diameters:

150mm	300mm	450mm	700mm	1M
200mm	350mm	500mm	750mm	1.2M
225mm	375mm	550mm	800mm	1.5M
250mm	400mm	600mm	900mm	

### S6 EXTENSIONS

Available in the following lengths:

1.5M 2M 2.5M 3M

### S6 TELESCOPIC

Available in the following lengths:

1.5M 2M



**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.



**30000**  
Earth Drill

**EXCAVATORS 17 - 25 T**  
**PA SERIES AUGERS**  
**300mm-1M Dia**

Torque Range: 18,003-27,005 Nm  
Oil Pressure Range: 160-240 Bar  
Oil Flow Range: 80-170 lpm  
Speed Range: 11-24 rpm  
Unit Height: 1411mm  
Unit Diameter: 406mm  
Unit Weight: 393 kg  
Output Shaft Std: 110mm Square  
Output Shaft Opt: 100mm Square  
130mm Square



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	10M	9M	8.1M
350	↓	↓	↓
375	↓	↓	↓
400	10M	9M	8.1M
450	9.5M	8.6M	7.7M
500	9.5M	8.6M	7.7M
550	9M	8.1M	7.3M
600	9M	8.1M	7.3M
700	8.5M	7.7M	6.9M
750	8M	7.2M	6.5M
800	8M	7.2M	6.5M
900	7.5M	6.8M	6.1M
1000	7M	6.3M	5.7M



**30000M**  
Earth Drill X

**EXCAVATORS 20 - 45 T**  
**PA SERIES AUGERS**  
**300mm-1.2M Dia**

Torque Range: 11,030-31,021 Nm  
Oil Pressure Range: 160-450 Bar  
Oil Flow Range: 100-300 lpm  
Speed Range: 23-69 rpm  
Unit Height: 1496mm  
Unit Diameter: 406mm  
Unit Weight: 496 kg  
Output Shaft Std: 110mm Square  
Output Shaft Opt: 100mm Square  
130mm Square



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	15M	14M	13M
350	↓	↓	↓
375	15M	14M	13M
400	14.5M	13.5M	12.5M
450	14.5M	13.5M	12.5M
500	14M	13M	12M
550	14M	13M	12M
600	13.5M	12.5M	11.5M



**35000M**  
Earth Drill X



**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 Opt: 100mm Square  
130mm Square



**GUIDE TO DRILLING PERFORMANCE\***

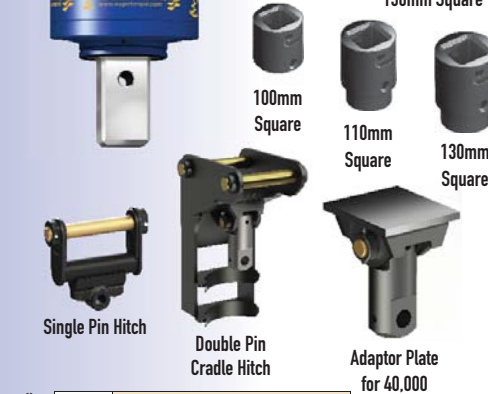
AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	10.5M	9.5M	8.6M
350	↓	↓	↓
375	10.5M	9.5M	8.6M
400	10M	9M	8.1M
450	10M	9M	8.1M
500	9.5M	8.6M	7.7M
550	9.5M	8.6M	7.7M
600	9M	8.1M	7.3M
700	9.5M	8.6M	7.7M
750	9M	8.1M	7.3M
800	9M	8.1M	7.3M
900	8.5M	7.7M	6.9M
1000	8M	7.2M	6.5M
1200	7.5M	6.8M	6.1M
1500	7M	6.3M	5.7M



**40000**  
Earth Drill

**EXCAVATORS 14 - 30 T**  
**PA SERIES AUGERS**  
**700mm-2.2M Dia**

Torque Range: 28,714-43,071 Nm  
Oil Pressure Range: 160-240 Bar  
Oil Flow Range: 80-170 lpm  
Speed Range: 7-15 rpm  
Unit Height: 1411mm  
Unit Diameter: 406mm  
Unit Weight: 418 kg  
Output Shaft Std: 110mm Square  
Output Shaft Opt: 100mm Square  
130mm Square



**GUIDE TO DRILLING PERFORMANCE\***

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
700	9.5M	8.6M	7.7M
750	9M	8.1M	7.3M
800	9M	8.1M	7.3M
900	8.5M	7.7M	6.9M
1000	8M	7.2M	6.5M
1200	7.5M	6.8M	6.1M
1500	7M	6.3M	5.7M
1800	6M	5.4M	4.9M
2000	5M	4.5M	4.1M
2200	4.5M	4.1M	3.7M



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**42000m**  
Earth Drill  
**MAX**

**NEW RELEASE**

**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 Opt: 100mm Square  
130mm Square



Single Pin Hitch



Adaptor Plate for 42,000MAX



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	11.5M	9.5M	9.6M
350	↓	↓	↓
375	11.5M	10.5M	9.6M
400	11M	10M	9.1M
450	11M	10M	9.1M
500	10.5M	9.6M	8.7M
550	10.5M	9.6M	8.7M
600	10M	9.1M	8.3M
700	10M	9.6M	8.7M
750	9M	8.1M	7.3M
800	9M	8.1M	7.3M
900	8.5M	7.7M	6.9M
1000	8M	7.2M	6.5M
1200	7.5M	6.8M	6.1M
1500	7M	6.3M	5.7M
1800	6M	5.4M	4.9M

**50000m**  
Earth Drill  
**MAX**

**EXCAVATORS 21 - 45 T**

**PA SERIES AUGERS  
300mm-2.4M Dia**

Torque Range: 23,758-47,515 Nm  
Oil Pressure Range: 160-320 Bar  
Oil Flow Range: 100-280 lpm  
Speed Range: 11-30 rpm  
Unit Height: 1411mm  
Unit Diameter: 406mm  
Unit Weight: 472 kg  
Output Shaft Std: 110mm Square  
Output Shaft Opt: 100mm Square  
130mm Square



Double Pin Cradle Hitch



Adaptor Plate for 50,000MAX



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

GUIDE TO DRILLING PERFORMANCE\*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	12M	10.8M	9.7M
350	↓	↓	↓
375	↓	↓	↓
400	12M	10.8M	9.7M
450	11.5M	10.4M	9.4M
500	11.5M	10.4M	9.4M
550	11M	9.9M	8.9M
600	11M	9.9M	8.9M
700	10.5M	9.5M	8.6M
750	10M	9M	8.1M
800	10M	9M	8.1M
900	9.5M	8.6M	7.7M
1000	9M	8.1M	7.3M
1200	8.3M	7.5M	6.8M
1500	7.5M	6.8M	6.1M
1800	6.5M	5.9M	5.3M
2000	5.8M	5.2M	4.7M
2200	5.3M	4.8M	4.3M
2400	4.8M	4.3M	3.9M

**AUGER SUMMARY**

Full technical details of Augers, Extensions and Wear Parts can be found in the Auger Specifications book.

**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. **Earth** and **Rock** variations are available. Available in the following diameters:

300mm	450mm	600mm	800mm	1.2M	2M
350mm	500mm	700mm	900mm	1.5M	2.2M
400mm	550mm	750mm	1M	1.8M	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

SHOWN:  
Right: 2M Extension  
Far Right: 2M Telescopic Extension





**YOUR NEAREST DEALER IS**

**Auger Torque Europe Region**

**Auger Torque Europe Ltd**

Cheltenham - United Kingdom

Phone: +44 (0)1451 861 652 Fax: +44 (0)1451 861 660

Email: [sales@augertorque.com](mailto:sales@augertorque.com)

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