

PRODUCT GUIDE

EXPERIENCE THE AUGER TORQUE DIFFERENCE





BUFFALO

ATLANTA







NINGBO

A Customer-Driven Global Company

CHELTENHAM

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.

North Pacific Ocean

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Auger Torque Europe

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Innovation and Special Features



Robust Construction DURABII ITY

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

Non-Dislodgement Shaft

O Single piece drive shaft

O Lifetime warranty against shaft

SECURITY

O Unique design

dislodgement



Planetary Gearbox POWFR

- O Designed, manufactured and assembled by Auger Torque
- O Torque amplified
- O High efficiency
- O Extreme durability

Shallow Pitch Flights EFFICIENCY O Piling industry technology

- O Holds earth on flights on removal
- O Most efficient ratio between quantity of earth removed and speed of operation

Pilots



TOUGHNESS & ACCURACY

- O Earth, Tungsten, Extra Dig and Rock Pilots
- O Tough forged construction



Telescopic Extensions ADAPTABILITY O Improves efficiency for deep

- hole drilling O Innovative design significantly reduces swap-over time
- O Easy adjustment to 3 heights
- O Available for S5, S6 and PA augers

Constant Spiral Cut IMPROVED PRODUCTIVITY

- O Fresh cut every revolution
- O Tooth holders angled to
- direct spoil onto auger flights efficiently
- O Spoil broken up thoroughly
- O Avoids clogging



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.

DER UNITIVE

Designed for Your Environment

EARTH DRILLS

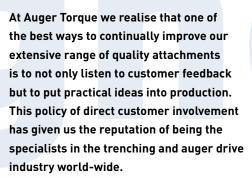
- Applications include:
- O Fencing
- O Landscaping
- O Tree planting
- O Well boring
- O Foundation piles
- O Screw pile installations
- O Ground source heat pumps
- O Pole and mast installations
- O Road signage
- O Sound barriers
- O Exploration and research

TRENCHERS

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



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







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



Quality is at the forefront of our philosophy.



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



All of our gearboxes use precision engineered components.

SHOCK LOCK Tooth Locking System

Are you tired of losing your teeth down the hole?

Patented Design

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

"Don't leave your teeth down the hole!"

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

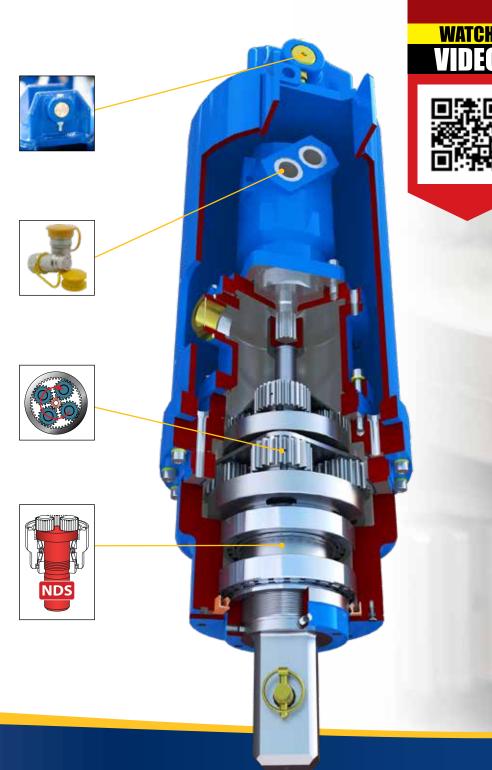
Auger Torque's huge buying power means we work closely with high quality suppliers to develop the most reliable attachments available on the market today.

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.







Single Pin Hitch

Oil Pressure Range:30-185 BarOil Flow Range:15-32 lpmSpeed Range:38-81 rpmUnit Height:450mmUnit Diameter:168mmUnit Weight:35 kgOutput Shaft:50mm Round

The Output Shaft on

directly to the shaft.

the 1200 Earth Drill can

accept the Stihl coupling

Earth Drill

0.75 - 1 T

S2 AUGERS

Torque Range:

MICRO EXCAVATORS

100mm-300mm Dia

189-1,164 Nm

Stihl

50mm	Stihl
Round	Couplin

* 	AUGER	DRILLING DE	TH METRES**		
AN A	(mm)	SOFT	MEDIUM		
Μ	100	0.9M	0.9M		
FO	150				
PERFORMANCE	200	¥	¥		
	225	0.9M	0.9M		
Ē	250	0.9M	0.9M		
DRILLING	300	0.9M	0.9M		
		-			

GUIDE TO DRILLING I

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

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AUGER SUMMARY

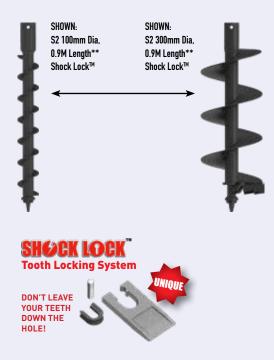
Full technical details of Augers, Extensions and Wear Parts can be found in the Auger section of this brochure.

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	as standard in	the following	diameters:

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



** Auger lengths stated include fitted wear parts.







Single Pin Hitch



Double Pin Hitch



65mm Round

Output Shaft:

Cradle Hitch

AUGER DRILLING DEPTH IN METRES** DIA SOFT MEDIUM HARD (mm) 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 1.4M 1.3M 1.5M 300 1.5M 1.4M 1.3M 350 1.5M 1.4M 1.3M 400 1.2M 1.1M 1M



MINI EXCAVATORS 1-2T **S4 AUGERS**

100mm-400mm Dia

511-1,496 Nm Torque Range: 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 46 kg Unit Weight: Hitch Options: Single Pin Hitch **Double Pin Hitch**

(Output Shaft adaptors available)

Cradle Hitch 65mm Round



X200

Single Pin Hitch

Cradle Hitch

Ť,	AUGER	DRIL	ETRES**		
TO DRILLING PERFORMANCE*	DIA (mm)	SOFT	MEDIUM	HARD	
RM	100	2.2M	2M	1.8M	
2 FO	150				
PE!	200				
0 N	225				
Ξ	250	▼	♥	₩	
DRI	300	2.2M	2M	1.8M	
2	350	2M	1.8M	1.6M	
Ë	400	1.5M	1.4M	1.3M	
GUIDE	450	1.2M	1.1M	1 M	



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:	65mm Round			
(Output Shaft adaptors available)				

65mm

	Rou	ınd					
IG DEPT	'H IN ME	TRES**					
MED	MEDIUM HARD						
2	м	1.8M					









Double Pin Hitch



65mm

Round

Double Pin Cradle Hitch

یٹ د	AUGER DIA		DRILLIN	IG DEPTH IN METRES**			
AN	(mm)	SC	OFT	MEDIUM		HARD	
GUIDE TO DRILLING PERFORMANCE*	100	2.	5M	2.:	3M	2.	1 M
FO	150						
PER	200						
9	225						
	250	,		,		,	
	300	2.	5M	2.:	3М	2.	1M
	350	2.	3 M	2.	1 M	1.	9M
E	400	1.	9M	1.	7M	1.	5M
	450	1.	7M	1.	5M	1.	4M
	500	1.	5M	1.4	4M	1.	3M



MINI EXCAVATORS 1.5 - 3 T **S4 AUGERS** 100mm-500mm Dia

830-2,847 Nm **Torque Range:** 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 48 ka Unit Weight: **Single Pin Hitch** Hitch Options: **Double Pin Hitch Cradle Hitch** Output Shaft: 65mm Round (Output Shaft adaptors available)





Earth Drill

2 - 4 T

S4 AUGERS

Torque Range:

Oil Flow Range:

Speed Range:

Unit Diameter:

Hitch Options:

Output Shaft:

Unit Weight:

Unit Height:

MINI EXCAVATORS

100mm-600mm Dia

Oil Pressure Range: 80-240 Bar

(Output Shaft adaptors available)

959-2,877 Nm

27-75 lpm

36-100 rpm

Single Pin Hitch

Double Pin Hitch

Cradle Hitch

65mm Round

665mm

244mm

71 ka

Double Pin

3000

Sinale Pin Hitch

Cradle Hitch

PERFORMANCE *	AUGER	DRI	LLIN	NG DEPTH IN METRES**			r
AN	(mm)	SOFT		MEDIUM		HARD	
R	100	3М		2.7M		2.4M	
FO	150						
PER	200						
	225						
Ę	250						
RI	300						
GUIDE TO DRILLING	350	•		,	1	,	,
Ē	400	3M		2.7M		2.4M	
١ <u></u>	450	2.6M		2.3M		2.1M	
9	500	2.3M		2.1M		1.9M	
	600	1.8M		1.6M		1.4	4M

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Single Pin Hitch

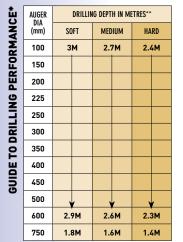


Double Pin Hitch



65mm Round

Double Pin Cradle Hitch





MINI EXCAVATORS 2.5 - 4.5 T S4 AUGERS

100mm-750mm Dia

1,205-3,614 Nm Torque Range: 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 ka Single Pin Hitch Hitch Options: **Double Pin Hitch** Cradle Hitch

. (Output Shaft adaptors available)

65mm Round

Output Shaft:



Sinale Pin Hitch

Double Pin Hitch

Double Pin Cradle Hitch

4500

Earth Drill

3 - 5 T

S4 AUGERS

Torque Rance:

Oil Flow Range:

Speed Range:

Unit Height:

Unit Diameter:

Unit Weight:

Hitch Options:

Output Shaft:

65mm

Round

MINI EXCAVATORS

100mm-900mm Dia

Oil Pressure Range: 80-240 Bar

(Output Shaft adaptors available)

1,574-4,721 Nm

50-95 lpm

40-77 rpm 665mm

244mm

75 ka

Single Pin Hitch

Double Pin Hitch

Cradle Hitch

65mm Round

*					
Ш С	AUGER DIA	DRILLI	IG DEPTH IN METRES**		
ĀN	(mm)	SOFT	MEDIUM	HARD	
R M	100	4M	3.6M	3.2M	
FO	150				
PER	200				
GUIDE TO DRILLING PERFORMANCE*	225				
Ę	250				
RII	300				
2	350				
Ē	400				
In	450				
0	500	V		\checkmark	
	600	4M	3.6M	3.2M	
	750	2.5M	2.3M	2.1M	
	800	2M	1.8M	1.6M	
	900	1.5M	1.4M	1.3M	



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. **Earth, Tungsten** and **Extra Dig** variations are available.

Available as standard in the following diameters:

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

S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm

1M

(other lengths on request)



** Auger lengths stated include fitted wear parts.

S



Torque Range: Oil Flow Range: Speed Range:

75mm

Square

Double Pin Hitch



Cradle Hitch

AUGER DRILLING DEPTH IN METRES** GUIDE TO DRILLING PERFORMANCE DIA (mm) SOFT MEDIUM HARD 150 4M 3.6M 3.2M 200 225 250 300 350 400 450 500 600 4M 3.6M 3.2M 750 3M 2.7M 2.4M



EXCAVATORS 4.5 - 6 T **S5 AUGERS** 150mm-750mm Dia

1,685-5,056 Nm Oil Pressure Range: 80-240 Bar 40-95 lpm 27-65 rpm Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 108 kg **Double Pin Hitch** Hitch Options: **Cradle Hitch**

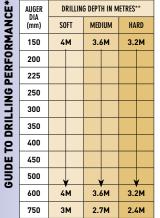
Output Shaft Std: 75mm Square (Output Shaft adaptors available)





Double Pin Hitch

5500





EXCAVATORS 4.5 - 6 T S5 AUGERS 150mm-750mm Dia

1,685-5,477 Nm Torque Range: Oil Pressure Range: 80-260 Bar 40-115 lpm **Oil Flow Range:** 30-87 rpm Speed Range: Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 108 kg **Double Pin Hitch** Hitch Options: Cradle Hitch Output Shaft Std: 75mm Square

(Output Shaft adaptors available)



Square

AUGER	D	DRILLING DEPTH IN METRES**				
(mm)	so)FT	MED	IUM	HA	RD
150	4	м	3.0	5M	3.2	2 M
200						
225						
250						
300						
350						
400						
450						
500	,					,
600	4	м	3.0	ŚM	3.2	2M
750	3	м	2.	7M	2.4	4M



7000

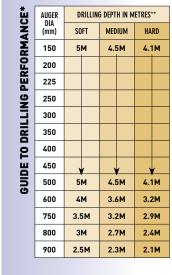
Double Pin Hitch

Cradle Hitch

EXCAVATORS 5 - 7 T S5 AUGERS 150mm-900mm Dia

Torque Range: Oil Pressure Range:	2,133-6,931 Nm 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:	Double Pin Hitch
	Cradle Hitch
Output Shaft Std:	75mm Square
(Output Shaft adapto	rs available)









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



2,717-8,152 Nm Torque Range: Oil Pressure Range: 80-240 Bar 70-150 lpm **Oil Flow Range:** 33-70 rpm Speed Range: Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 116 kg Hitch Options: **Double Pin Hitch Cradle Hitch**

Output Shaft Std: 75mm Square **Double Pin Hitch** (Output Shaft adaptors available)





Cradle Hitch

Square

ж	AUGER	D	DRILLING DEPTH IN METRE			ETRES	**
GUIDE TO DRILLING PERFORMANCE*	DIA (mm)	SC)FT	MEDIUM		HARD	
RM	150	6	м	5.4M		4.9M	
E E	200						
	225						
פ	250						
3	300						
K	350	,	,	,	1		1
2	400	6	м	5.4	4M	4.9	M
Ľ	450	5	м	4.!	5 M	4.1	М
5	500	5	м	4.	5M	4.	М
	600	5	м	4.	5M	4.1	М
	750	4	м	3.6M		3.2	2M
	800	4	4M		3.6M		2 M
	900	3.	3.5M		3.2M		ЯМ
	1000	3.	3.5M		2 M	2.9	ЯМ
	1200	3	м	2.	7М	2.4	M

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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.

S5 AUGERS

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

SHOWN:

S5 1M Dia.

1.5M Length

Shock Lock™

also available.

Rock Augers are

Available as standard in the following diameters:

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

SHOWN:

S5 150mm Dia.

1.5M Length

Shock Lock™

also available.

SHOCK LOCK Tooth Locking System

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

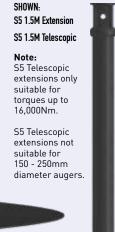
Rock Augers are

Available in the following lengths: 1M 1.5M

S5 EXTENSIONS

2M

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





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





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

3,281-10,662 Nm Torque Range: Oil Pressure Range: 80-260 Bar 70-150 lpm **Oil Flow Range:** 27-58 rpm Speed Range: Unit Height: 883mm 290mm Unit Diameter: Unit Weight: 162 kg **Hitch Options: Double Pin Hitch Cradle Hitch Output Shaft:** 75mm Square

HARD

5.3M

5.3M

4.9M

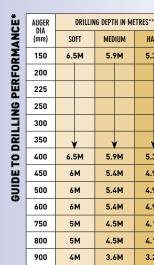
4.9M

4.9M

4.1M

4.1M

3.2M





Double Pin Cradle Hitch



Double Pin Hitch



Square



EXCAVATORS 10 - 15 T S6 AUGERS 150mm-1.2M Dia

Earth Drill

Torque Range: Oil Pressure Range	5,024-15,071 Nm e: 80-240 Bar
Oil Flow Range: Speed Range:	80-170 lpm 20-43 rpm
Unit Height: Unit Diameter: Unit Weight:	930mm 290mm 173 kg
Hitch Options:	Double Pin Hitch Cradle Hitch
Output Shaft Std:	75mm Square

AUGER DRILLING DEPTH IN METRES** SOFT MEDIUM HARD (mm) 150 7.5M 6.8M 6.1M 200 225 250 300 350 400 7.5M 6.8M 6.1M 450 7M 6.3M 5.7M 500 7M 6.3M 5.7M

6.3M

5.4M

5.4M

5M

4.5M

4.1M

4.9M

4.9M

4.5M

4.1M

3.7M

GUIDE TO DRILLING PERFORMANCE*

600

750

800

900

1000

1200

7M

6M

6M

5.5M

5M

4.5M



Double Pin Cradle Hitch



Double Pin Hitch



75mm Square



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AUGER SUMMARY

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S6 AUGERS

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

Available as standard in the following diameters:

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

 SHOWN:
 SHOWN:

 Só 150mm Dia,
 Só 1.2M

 1.88M Length
 1.88M Le

 Shock Lock™
 Shock Loc

 Rock Augers are
 Rock Augars are

 also available.
 also available.

S6 1.2M Dia, 1.88M Length Shock Lock™ Rock Augers are also available. Available in the following lengths: **1.5M 2M 2.5M 3M**

S6 EXTENSIONS

S6 TELESCOPIC Available in the following lengths:

following lengt 1.5M 2M



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

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



DON'T LEAVE YOUR TEET DOWN THE HOLE! Augers shown feature Shock Lock™ Toothholders. Rock Teeth Augers are also available.



DRILLING DEPTH IN METRES**

MEDIUM

7.7M

7.7M

7.2M

7.2M

7.2M

6.3M

6.3M

5.9M

5.4M

5M

HARD

6.9M

6.9M

6.5M

6.5M

6.5M

5.7M

5.7M

5.3M

4.9M

4.5M

SOFT

8.5M

8.5M

8M

8M

8M

7M

7M

6.5M

6M

5.5M



EXCAVATORS 13 - 20 T S6 AUGERS 150mm-1.2M Dia

Torque Range: Oil Pressure Range:	13,043–19,564 Nm 160–240 Bar
Oil Flow Range: Speed Range:	80–170 lpm 16–33 rpm
Unit Height: Unit Diameter: Unit Weight:	1130mm 345mm 268 kg
Hitch Options:	Double Pin Hitch Cradle Hitch
Output Shaft:	75mm Square





Double Pin Cradle Hitch





GUIDE TO DRILLING PERFORMANCE*

600

750

800

900

1000

1200

1500

8.5M

7.5M

7.5M

7M

6.5M

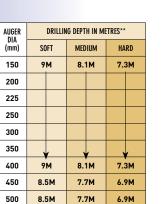
6M

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:	Double Pin Hitch Cradle Hitch
Output Shaft:	75mm Square



7.7M

6.8M

6.8M

6.3M

5.9M

5.4M

4.5M

6.9M

6.1M

6.1M

5.7M

5.3M

4.9M

4.1M

Double Pin Hitch



Double Pin Cradle Hitch



Square



GUIDE TO DRILLING PERFORMANCE* AUGER DIA (mm) 150 200 225 250 300 350 400 450 500

600

750

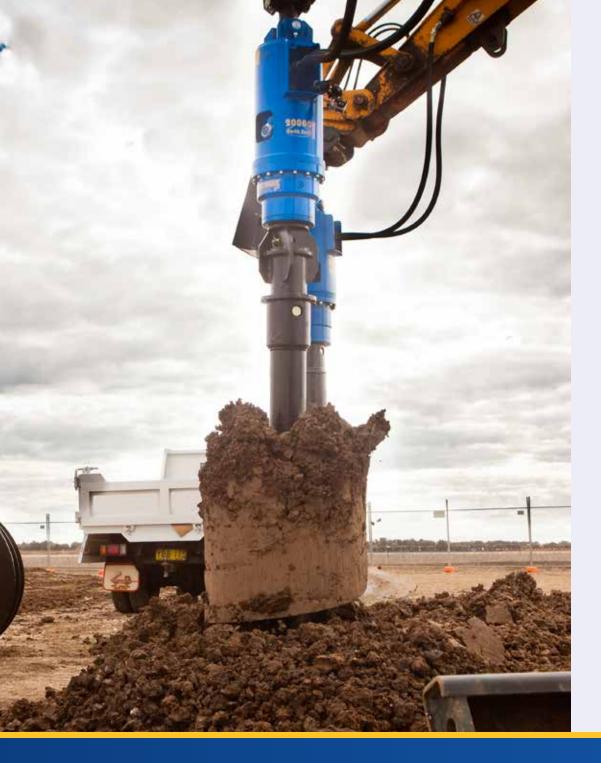
800

900

1000

1200

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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.

S6 AUGERS

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

Available as standard in the following diameters:

150mm	300mm	500mm	900mm	S6 EXTENSIONS
200mm	350mm	600mm	1M	Available in the
225mm	400mm	750mm	1.2M	following lengths:
250mm	450mm	800mm	1.5M	1.5M 2M 2.5M 3M





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 20 - 45 T PA SERIES AUGERS 300mm-1.5M Dia

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



HARD Double Pin 8.6M **Cradle Hitch**



7.2M

6.8M

6.3M

DRILLING DEPTH IN METRES**

MEDIUM

9.5M

9M

9M

110mm Square

DRILLING PERFORMANCE Ē GUIDE .

AUGER

DIA

(mm)

300

350

400

450

500

600

750

800

900

1000

1200

1500

SOFT

10.5M

10M

10M

9.5M

9M

9M

9M

8.5M

8M

7.5M

7M



8.1M

8.1M

6.5M

6.1M

5.7M



GERTOROU

•

SOFT

11.5M

11M

11M

10.5M

AUGER DIA

(mm)

300

350

400

450

500

GUIDE TO DRILLING PERFORMANCE



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 adapt	ors available)



Double Pin Cradle Hitch



110mm Square

600	10M	9.1M	8.3M	
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	

DRILLING DEPTH IN METRES**

MEDIUM

9.5M

10M

10M

9.6M

HARD

9.6M

9.1M

9.1M

8.7M



GUIDE TO DRILLING PERFORMANCE*

AUGER

DIA

(mm)

300

350

400

450

500

600

750

800

900

1000

1200

1500

1800

2000

2200

2400

SOFT

12M

12M

11.5M

11.5M

11M

10M

10M

9.5M

9M

8.3M

7.5M

6.5M

5.8M

5.3M

4.8M

9M

9M

8.6M

8.1M

7.5M

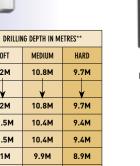
6.8M

5.9M

5.2M

4.8M

4.3M



8.1M

8.1M

7.7M

7.3M

6.8M

6.1M

5.3M

4.7M

4.3M

3.9M

Earth Drill

Torque Range:

Oil Flow Range:

Speed Range:

Unit Height:

Unit Weight:

Unit Diameter:

EXCAVATORS 21 - 45 T

33,295-66,589 Nm

100-280 lpm

8-21 rpm

1556mm

406mm

480 kg

PA SERIES AUGERS

Oil Pressure Range: 160-320 Bar

Output Shaft Std: 110mm Square

(Output Shaft adaptors available)

300mm-2.4M Dia



Double Pin Cradle Hitch

6	-	
12		~
		2/
		100

110mm Square

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AUGER SUMMARY

SHOWN:

PA 300mm Dia

2.3M Length

Rock Auger.

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

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 as standard in the following diameters:

300mm	450mm	600mm	800mm	1.2M	2M	For Augers ove
350mm	500mm	700mm	900mm	1.5M	2.2M	diameter pleas
400mm	550mm	750mm	1M	1.8M	2.4M	office for furthe

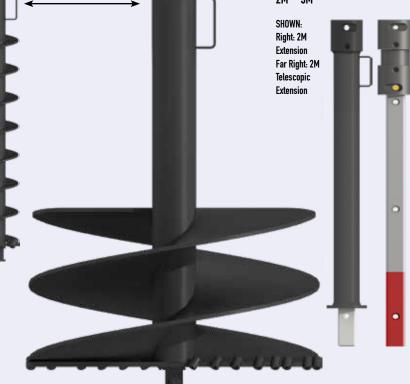
SHOWN: PA 1.5M Dia

2.3M Length

Rock Auger.

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









Torque Range: 511-1,496 Nm Oil Pressure Range: 70-205 Bar Oil Flow Range: Speed Range: Unit Height: Unit Width: Unit Weight:

4 Way Swing Frame

2 Way Swing Frame



5

20

ж,	AUGER	DRILLING DEPTH IN METRES**					
PERFORMANCE*	DIA (mm)	SOFT	MEDIUM	HARD			
Σ	100	2M	1.8M	1.6M			
С Ш	150	2M	1.8M	1.6M			
Шd	200	1.8M	1.6M	1.4M			
ŰZ	225	1.8M	1.6M	1.4M			
LLING	250	1.5M	1.4M	1.3M			
DRI	300	1.5M	1.4M	1.3M			
Ē	350	1.5M	1.4M	1.3M			
	400	1.2M	1.1M	1M			
3							

20-45 lpm 44-98 rpm 406 mm 205 mm 38 kg Mounting Frame: 2 Way Swing 4 Way Swing

Output Shaft Std: 65mm Round (Output Shaft adaptors available)



4 Way Swing Frame

65mm Round

ž.	AUGER		DRILLIN	NG DEPTH IN METRES**			
ANG	(mm)	SOFT		MEDIUM		HARD	
PERFORMANCE *	100	2.2M		2M		1.8M	
КF0	150						
PER P	200						
Ű	225						
Ξ	250	۱ ۱	1	1	1	١	1
R	300	2.	2M	2	м	1.0	BM
2	350	2	м	1.8M		1.6M	
DEJ	400	1.5M		1.4M		1.3M	
GUIDE TO DRILLING	450	1.:	2M	1.	1 M	1M	



MINI LOADERS S4 AUGERS 100mm-450mm Dia

Torque Range: Oil Pressure Range:	639–2,190 Nm 70–240 Bar
Oil Flow Range: Speed Range:	25–57 lpm 43–99 rpm
Unit Height: Unit Width: Unit Weight:	465 mm 205 mm 40 kg
Mounting Frame:	2 Way Swing 4 Way Swing
Output Shaft Std:	65mm Round
(Output Shaft adapto	ors available)



 -	М



4 Way Swing Frame





65mm Round

AUGER	DRILLING DEPTH IN METRES**						
(mm)	SOFT		MEDIUM		HARD		
100	2.5M		2.3M		2.1M		
150							
200							
225							
250	١	1	١	1	١	1	
300	2.	5M	2.:	3 M	2.	1 M	
350	2.:	3 M	2.'	1 M	1.9	9M	
400	1.9M		1.7M		1.5M		
450	1.7M		1.5M		1.4M		
500	1.	5M	1.4	4M	1.:	3 M	
	DIA (mm) 100 150 200 225 250 300 350 400 450	DIA (mm) SC 100 2.1 150 2 200 2 225 2 300 2.2 350 2.2 400 1.1 450 1.1	DIA (mm) SUFT 100 2.5 150	DIA (mm) SOFT MEE 100 2.5M 2.3 150	DIA (mm) SUFT MEDIUM 100 2.5M 2.3M 150	DIA (mm) SOFT MEDIUM HA 100 2.5M 2.3M 2. 150 2.3M 2. 150 2.3M 2. 200 2.5M 2.3M 225 2.5M 2.3M 250 ¥ ¥ Y 300 2.5M 2.3M 2. 350 2.3M 2.1M 1. 400 1.9M 1.7M 1.	



IINI 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 adapto	ors available)





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 36-100 rpm Speed Range: Unit Height: 665mm Unit Diameter: 244mm Unit Weight: 71 kg Fixed Centre Cradle Mounting Frame: Side Shift Cradle

Output Shaft Std: 65mm Round (Output Shaft adaptors available)

HARD

2.4M

2.4M

2.1M

1.9M

1.4M



1.8M

DRILLING DEPTH IN METRES**

MEDIUM

2.7M

2.7M

2.3M

2.1M

1.6M

۳	AUGER DIA		DRIL
PERFORMANCE	(mm)	SOFT	
RM	100	3	м
R	150		
PER	200		
DRILLING	250		
R	300		
ē	350	,	1
GUIDE 1	400	ЗМ	
	450	2.	6M
9	500	2.:	3 M

600

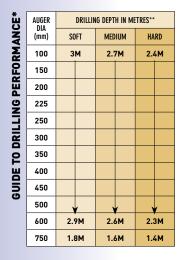
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Side Shift Frame





SKIDSTEER LOADERS LOW FLOW **UP TO 65 HP S4 AUGERS** 100mm-750mm Dia

Earth Drill

1,205-3,614 Nm Torque Range: Oil Pressure Range: 80-240 Bar 40-85 lpm **Oil Flow Range:** Speed Range: 42-90 rpm 665mm Unit Heiaht: Unit Diameter: 244mm Unit Weight: 73 kg Mounting Frame: Fixed Centre Cradle Side Shift Cradle

Output Shaft Std: 65mm Round (Output Shaft adaptors available)



ж Ц	AUGER		DRILLIN	RILLING DEPTH IN METRES**			•
AN	(mm)	SC	DFT	MED	NUM	HARD	
R	100	4	м	3.	6M	3.2M	
FO	150						
PER	200						
5	225						
GUIDE TO DRILLING PERFORMANCE*	250						
RII	300						
2	375						
H	400						
5	450						
נ	500	,		,	,	,	
	600	4	м	3.	6M	3.	2M
	750	2.	5M	2.3	3 M	2.	1 M
	800	2M		1.8M		1.	6M
	900	1.	5M	1.4	4M	1.	3М



SKIDSTEER LOADERS LOW FLOW **UP TO 80 HP 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			
Mounting Frame:	Fixed Centre Cradle Side Shift Cradle			
Output Shaft Std:	65mm Round			
(Output Shaft adaptors available)				

Side Shift Frame

4500



**	
IARD	
3.2M	P
	- - - -

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. Earth, Tungsten and Extra Dig variations are available.

Available as standard in the following diameters:

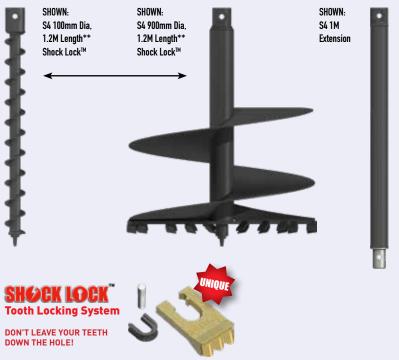
100mm	300mm	600mm
150mm	375mm	750mm
200mm	400mm	800mm
225mm	450mm	900mm
250mm	500mm	

S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm 1M

(other lengths on request)



** Auger lengths stated include fitted wear parts.





Earth Drill

1,685-5,056 Nm Torque Range: Oil Pressure Range: 80-240 Bar 40-95 lpm Oil Flow Range: Speed Range: 27-65 rpm Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 108 kg **Double Pin Hitch** Hitch Options: **Cradle Hitch**

Double Pin Hitch

75mm







DRILLING PERFORMANCE⁴

GUIDE

AUGER

DIA

(mm)

150

200

225

250

300

350

400 잍

450

500

600

750

4M

3M

3.6M

2.7M



5500

.

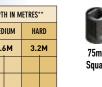
SKIDSTEER LOADERS **HIGH FLOW UP TO 100 HP**

TELEHANDLERS 4.5 - 7 T

S5 AUGERS 150mm-750mm Dia

Torque Range: 1.685-5.477 Nm Oil Pressure Range: 80-260 Bar 40-115 lpm Oil Flow Range: Speed Range: 30-87 rpm Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 108 kg **Fixed Centre Cradle founting Frame:** Side Shift Cradle Output Shaft Std: 75mm Square (Output Shaft adaptors available)

DRILLING DEPTH IN METRES** SOFT MEDIIIM HARD 4M 3.6M 3.2M





3.2M

2.4M





7000

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 112 kg Unit Weight: Fixed Centre Cradle Mounting Frame: Side Shift Cradle Output Shaft Std: 75mm Square

(Output Shaft adaptors available) AUGER DRILLING DEPTH IN METRES**

> 75mm Square

DIA	DRILLING DEPTH IN METRES						
(mm)	SOFT	MEDIUM	HARD				
150	5M	4.5M	4.1M				
200							
225							
250							
300							
350							
400							
450							
500	5M	4.5M	4.1M				
600	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				





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 Heiaht: 780mm Unit Diameter: 269mm Unit Weight: 116 kg Mounting Frame: Fixed Centre Cradle

Side Shift Cradle Output Shaft Std: 75mm Square (Output Shaft adaptors available)

AUGER	D	DRILLING DEPTH IN METRES**							
(mm)	SC)FT	MEDIUM		HARD				
150	6	м	5.4	4M	4.9M				
200									
225									
250									
300									
350	,		,		,	,			
400	6	м	5.4	4M	4.9M				
450	5	м	4.5M		4.1M				
500	5	м	4.5M		4.1	1M			

4.5M

3.6M

3.6M

3.2M

3.2M

2.7M

4.1M

3.2M

3.2M

2.9M

2.9M

2.4M

GUIDE TO DRILLING PERFORMANCE*

600

750

800

900

1000

1200

5M

4M

4M

3.5M

3.5M

3M



75mm Square

22	N	Λ	٨	Λ	Λ		a	l	Q	E	r	t	C	r	Q	I	e	_	C	0)_	n	Ζ	
									\sim															

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GUIDE TO DRILLING PERFORMANCE*



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. Earth, Tungsten and Rock variations are available.

SHOWN:

S5 1M Dia.

1.5M Length

Shock Lock™

also available.

Rock Augers are

Available as standard in the following diameters:

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

SHOWN:

S5 150mm Dia.

1.5M Length

Shock Lock™

also available.

SHOCK LOCK

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

Tooth Locking System

Rock Augers are

Available in the following lengths: 1M 1.5M

S5 EXTENSIONS

2M

SHOWN:

Note:

S5 1.5M Extension

S5 1.5M Telescopic

S5 Telescopic

S5 Telescopic extensions not suitable for 150 - 250mm

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

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



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



BACKHOES S5 AUGERS 150mm-900mm Dia

Earth Drill

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

(Output Shaft adaptors available)



24





8000

AUGER

DIA (mm)

150

200

225

250

300 350

400

450

500

600

750

800

900

1000

1200

SOFT

6M

6M

5M

5M

5M

4M

4M

3.5M

3.5M

ЗМ

5.4M

5.4M

4.5M

4.5M

4.5M

3.6M

3.6M

3.2M

3.2M

2.7M

3.2M

3.2M

2.9M

2.9M

2.4M

GUIDE TO DRILLING PERFORMANCE*

BACKHOES **S5 AUGERS** 150mm-1.2M Dia

2,717-8,152 Nm Torque Range: Oil Pressure Range: 80-240 Bar 70-150 lpm **Oil Flow Range:** 33-70 rpm Speed Range: Unit Height: 780mm Unit Diameter: 269mm Unit Weight: 116 kg **Double Pin Hitch** Hitch Options: Cradle Hitch Output Shaft Std: 75mm Square (Output Shaft adaptors available)



75mm

Square

					/ JIIIII JUU			
Ť,	AUGER DIA		DRILLIN	IG DEPT	'H IN M	ETRES*	•	1.0
ANG	(mm)	S	OFT	MEE	NUM	H/	ARD	
Ň	150	6.	5M	5.	9M	5.	3M	1
GUIDE TO DRILLING PERFORMANCE*	200							Double I
ER	225							
л В	250							1
Ę	300							
RI	350	,		,	,	,		
0	400	6.	5M	5.9M		5.3M		
Ē	450	6	м	5.	4M	4.	9M	
Ĵ	500	6	м	5.	4M	4.	9M	Doubl Cradle
0	600	6	6M		4M	4.	9M	Gradue
	750	5	м	4.	4.5M		1 M	6
	800	5	м	4.	5M	4.	1 M	
	900	4	м	3.	6M	3.	2M	6
								, 75r
								Squ

Earth Drill

BACKHOES

S6 AUGERS

Torque Range:

Oil Flow Range:

883mm

290mm

162 kg

Speed Range:

Unit Diameter:

Unit Weight:

Hitch Options:

Output Shaft

Unit Height:

0000

inth Drift



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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.

S5 AUGERS

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

Available as standard in the following diameters:

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

SHOWN: SHOWN: S5 150mm Dia. S5 1M Dia. 1.5M Length 1.5M Length Shock Lock[™] Shock Lock™ **Rock Augers are** Rock Augers are also available. also available.



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



S5 EXTENSIONS

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

S5 TELESCOPIC

Available in the following lengths: 1.5M 2M



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. Earth, 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	

SHOWN: SHOWN: S6 150mm Dia. S6 1.2M Dia. 1.88M Lenath Shock Lock™ Rock Augers are also available.

1.88M Lenath Shock Lock™ Rock Augers are also available.

Available in the following lengths:

S6 EXTENSIONS

1.5M 2M 2.5M 3M

S6 TELESCOPIC

Available in the following lengths: 1.5M 2M

SHOWN:



11000000



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

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





Rope Wind Hitch



ž.	AUGER		DRILLING DEPTH IN METRES**										
ANG	(mm)	SO	FT	MEC	NUM	HARD							
RM	100	3	м	2.	7M	2.4M							
FO	150												
ËR	200												
9	225												
Ę	250												
RIL	300												
GUIDE TO DRILLING PERFORMANCE*	350	,	,	,		,							
E	400	3	м	2.	7M	2.	4M						
IJ	450	2.	5M	2.:	3 M	2.	1 M						
9	500	2	м	1.	вм	1.	6M						
	600	1.	5M	1.4	4M	1.	зм						



TRUCK CRANES TO 9 T / METRE **S4 AUGERS** 100mm-600mm Dia

959-3,116 Nm Torque Range: Oil Pressure Range: 80-260 Bar 5-35 lpm Oil Flow Range: Speed Range: 7-46 rpm 665mm Unit Height: Unit Diameter: 244mm Unit Weight: 73 kg **Rope Wind Hitch** Hitch: Output Shaft Std: 65mm Round (Output Shaft adaptors available)



5500re ferit nit	Т 1
-	S 1
	To Oi Oi Sp
	Un Un

Rope Wind Hitch



RUCK CRANES TO 5 T / METRE 5 AUGERS 50-800mm Dia

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



75mm Square

Ť.	AUGER	DRILLING DEPTH IN METRES**				DRILLING DEPTH IN METRES**							
GUIDE TO DRILLING PERFORMANCE*	DIA (mm)	SOFT	SOFT		NUM	HARD							
M.	150	4M		3.	6 M	3.2M							
FO	200												
Ä	225												
9	250												
Ę	300												
RIL	350												
0	400												
ET	450												
	500			,	,	,	1						
9	600	4M	4M		6M	3.:	2M						
	750	зм		2.7M		2.4M							
	800	2.5M		2.3M		2.1M							



TRUCK CRANES 9-18 T / METRE **S5 AUGERS** 150mm-1M Dia

Earth Drill)

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



75mm

Square

Ξ.	AUGER DIA	DRILLI	DRILLING DEPTH IN METRES**								
Ā	(mm)	SOFT	MEDIUM	HARD							
Μ	150	5M	4.5M	4.1M							
C L	200										
	225										
Ð	250										
GUIDE TO DRILLING PERFORMANCE	300										
R	350										
	400										
	450										
	500	5M	4.5M	4.1M							
	600	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							





*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.

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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 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 as standard in the following diameters:

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

S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm

1M (other lengths on request)



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 as standard in the following diameters:

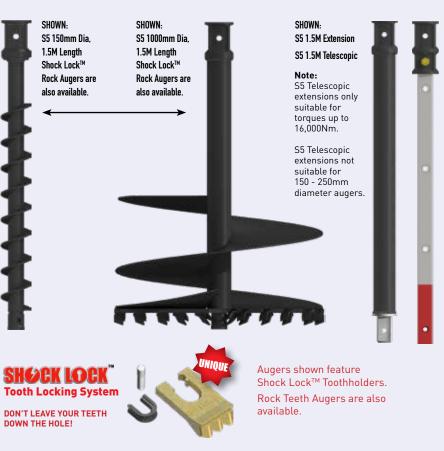
150mm	350mm	750mm
200mm	400mm	800mm
225mm	450mm	900mm
250mm	500mm	1M
300mm	600mm	

S5 EXTENSIONS

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

S5 TELESCOPIC Available in the

following lengths: **1.5M 2M**



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

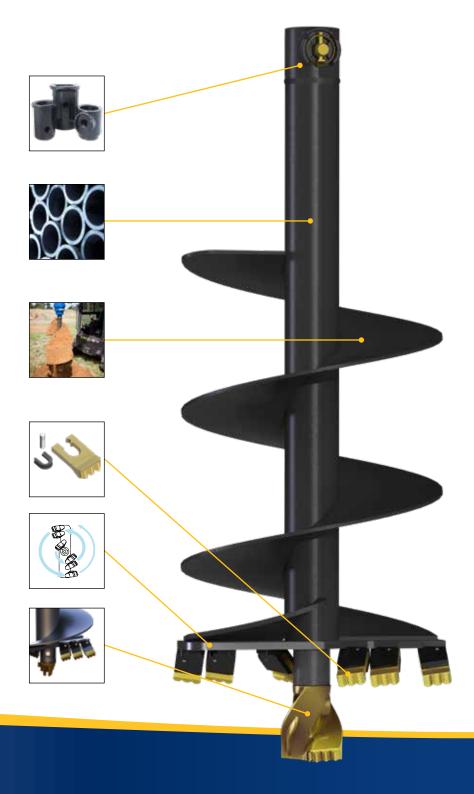
Are you tired of losing your teeth down the hole? With our patented **Shock Lock™** Tooth Locking System loss is now a thing of the past. The simple but effective locking pin holds teeth secure in both directions.

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.

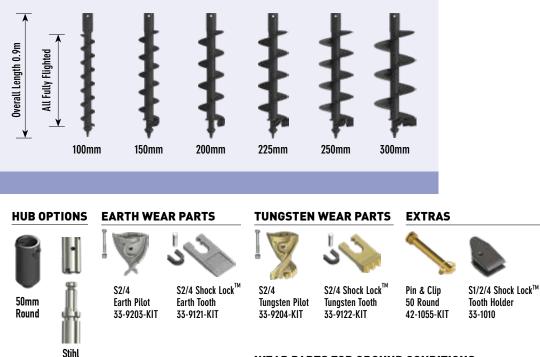


S2 AUGERS

MICRO EXCAVATORS 0.75 - 1 T

With our patented **Shock Lock™** Tooth Locking System tooth loss is now a thing of the past. Using the **Shock Lock™** pin and rubber 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 losing them again.



Attachments

WEAR PARTS FOR GROUND CONDITIONS

EARTH (Shock Lock™)

Best suited to soft grounds like earth and clay.

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.



S4 AUGERS

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

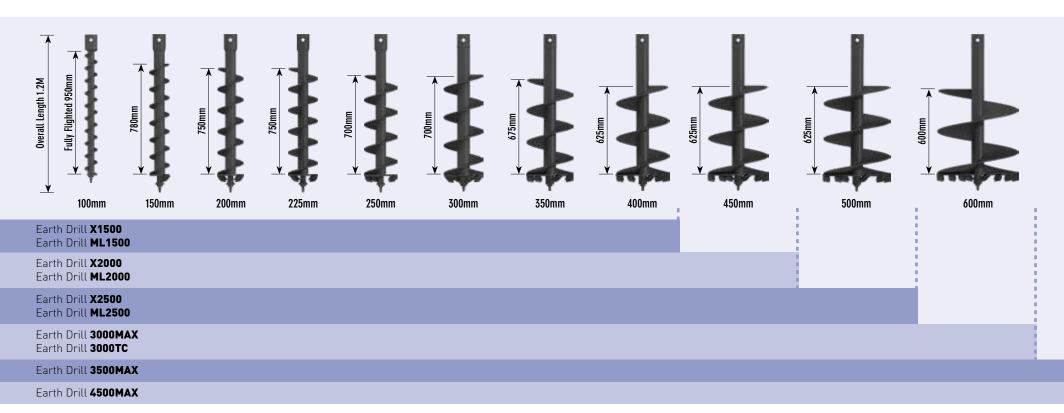
STANDARD HUB OPTION





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.



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

TUNGSTEN WEAR PARTS

S4

S4

Tungsten Pilot

33-9204-KIT



S4 Shock Lock

Extra Dig Pilot Tungsten Tooth

33-9212-KIT 33-9122-KIT

S2/4 Shock Lock[™] S2/4 Earth Pilot Earth Tooth 33-9121-KIT 33-9203-KIT

BORING HEADS





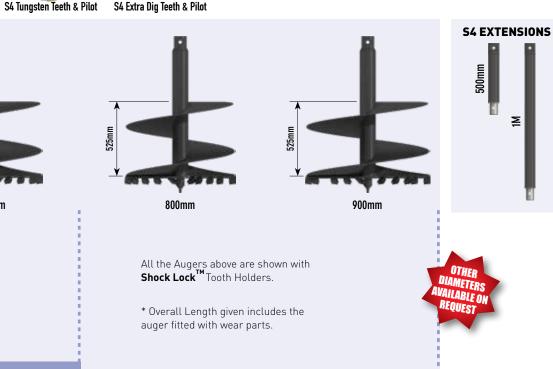


S4 Earth Teeth & Pilot

S4 Extra Dig Teeth & Pilot



750mm



EXTRAS

Pin & Clip

65 Round

30-0004-KIT

S1/2/4 Shock Lock[™]

Tooth Holder

33-1010

S4 Pilot

Extension

33-4106-KIT

S4 Drive Lugs

33-4102

33-4105 33-4110

WEAR PARTS REQUIRED FOR GROUND CONDITIONS

EARTH (Shock Lock™)

Best suited to soft grounds like earth and clay.

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.

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S5 AUGERS

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

STANDARD HUB OPTION

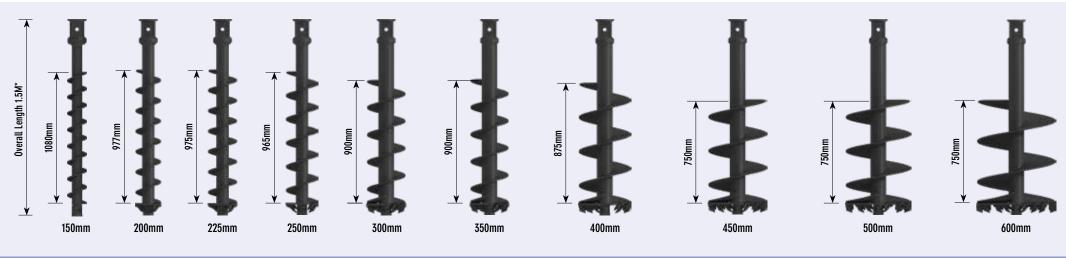


Square



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

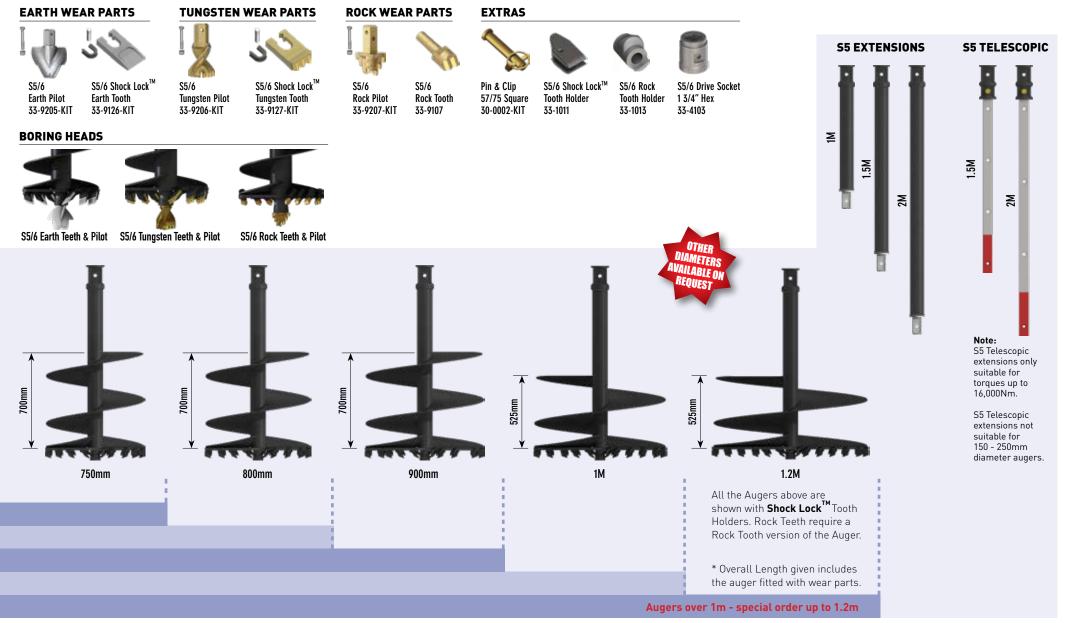
Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.



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

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



For Augers over 1 metre diameter please call our sales office for further information.

WEAR PARTS FOR GROUND CONDITIONS **EARTH (Shock Lock™)** Best suited to soft grounds like earth and clay.

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 & BACKHOES FROM 8 - 22 T

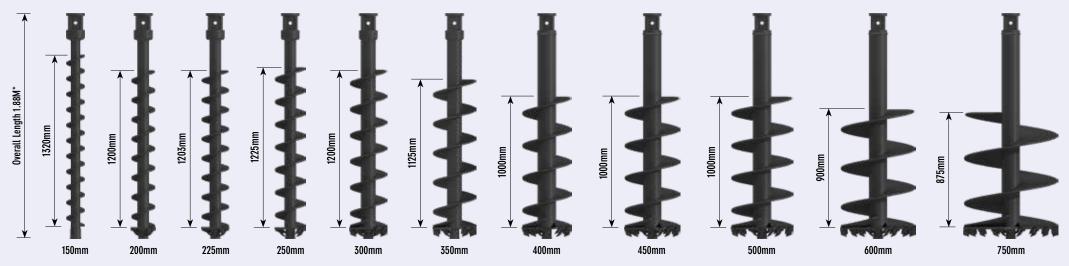
STANDARD HUB OPTION





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

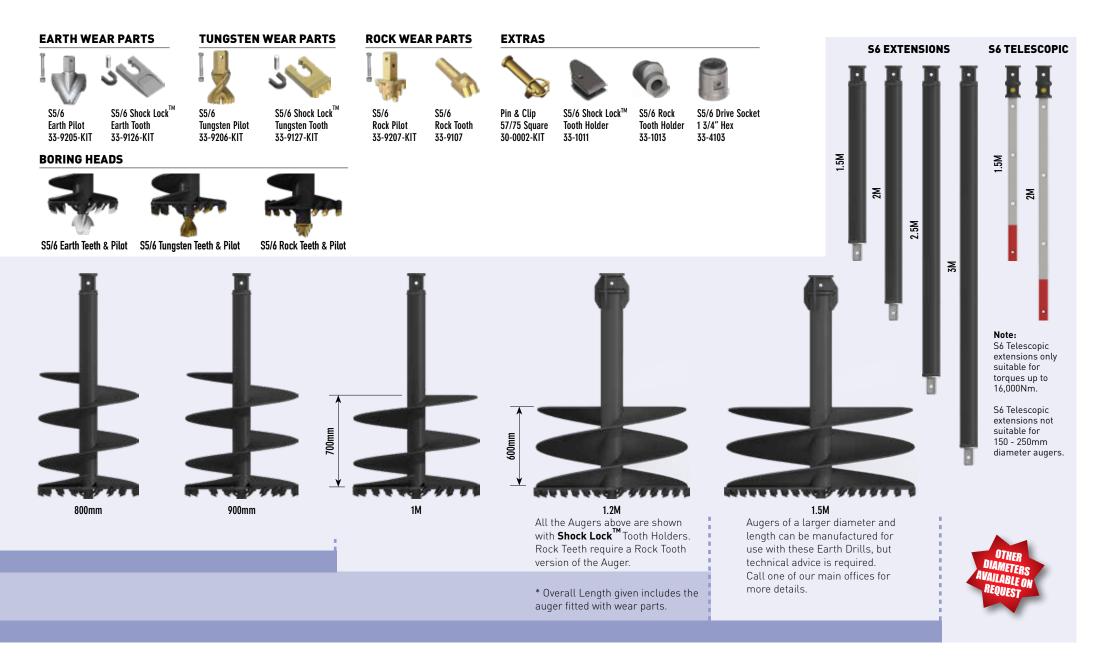
Replacing worn teeth is a breeze with this system, simply knock out the old pin with a standard hole punch and the tooth will slide out of the holder with ease. Acclaimed as the best system on the market you will never need to worry about fitting spare teeth due to loss again.



Earth	n Drill 10 000			
Earth	n Drill 12 000MAX n Drill 15 000MAX n Drill 20 000MAX			
Earth	n Drill 25 000MAX			

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



WEAR PARTS FOR GROUND CONDITIONS EARTH (Shock Lock™) Best suited to soft grounds like earth and clay.

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

STANDARD HUB OPTION

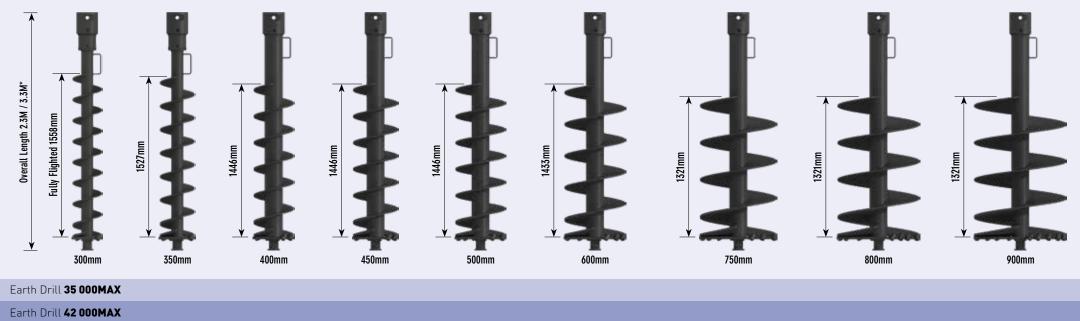


PA Augers are available in 2.3 metre or 3.3 metre lengths as standard -Please specify when ordering



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.



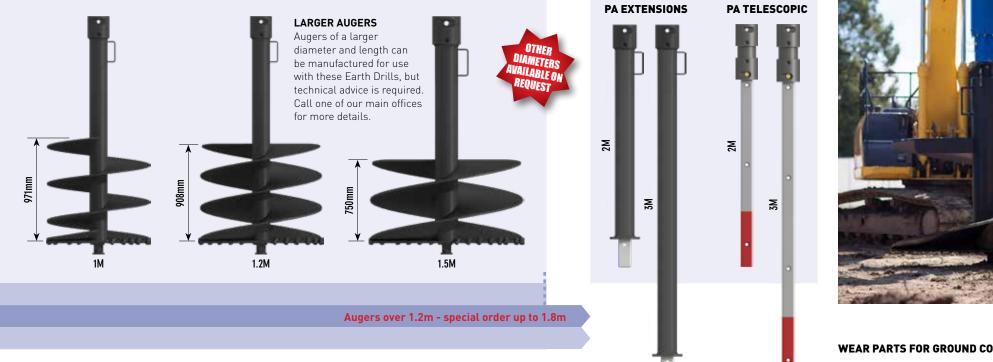
Earth Drill 65 000MAX

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







* 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.

when buying replacement parts.

WEAR PARTS FOR GROUND CONDITIONS

EARTH (Taper Lock)

Best suited to soft grounds like earth and clay.

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.

Hard Rock Auger For the most demanding drilling situations



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 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

- O Drilling performance is increased due to precisely calculated tooth positions along the edges of the cutting head
- O 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
- O 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

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

GUIDE TO DRILLING PERFORMANCE*

Continuous Flight Auger

AUGER	DRILLING DEPTH IN METRES**					
DIA (mm)	SOFT	MEDIUM	HARD			
150	18.3M	12.2M	12.2M			
200	18.3M	12.2M	12.2M			
250	12.2M	12.2M	12.2M			
300	12.2M	9.2M	9.2M			

APPLICATIONS

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



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: 35-207 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

Screw Pile Installations





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:

- O Quick and easy to install
- O No concrete mixing or curing time
- O No excavations needed or spoil to remove
- O Suitable for soft or mixed composite ground
- O Installations possible in low temperatures and wet conditions
- Can be installed around existing underground services
- O 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

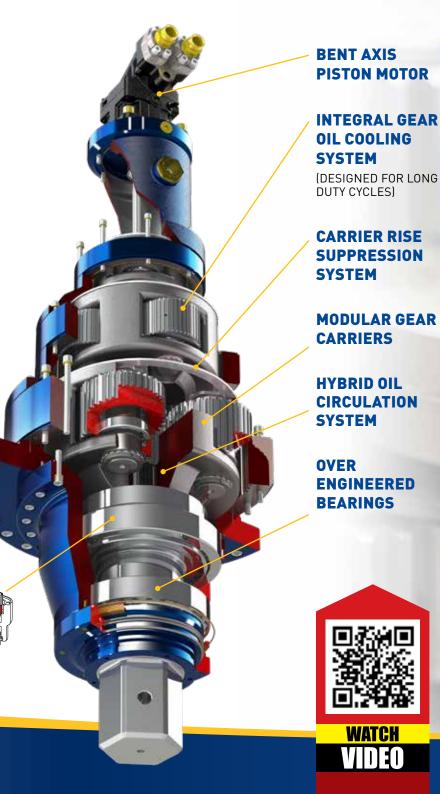
Torque is amplified by using the unique Auger Torque planetary gearbox. This system allows the motors output torque to be multiplied with extreme efficiency as well as ensuring the durability and reliability you need.

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-DISLODGEMENT 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.



XHT Torque Heads





EXCAVATORS 24 - 50 T

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





180mm Hex

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Double Pin Cradle Hitch

180mm Hex

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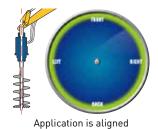
Alignment Monitor

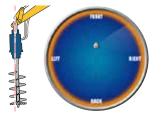
When accuracy is key, The Auger Torque Alignment Monitor is an essential tool for ensuring your application is precise and quick.

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

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



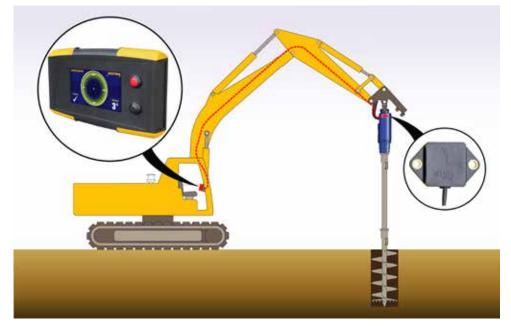


Application is moving out of alignment



Application is out of alignment







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

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

*XHT250: mount onto output shaft



TM25

Torque Range: 5,000-25,000 Nm Earth Drill Range: 10.000-25.000MAX Unit Height: 430mm Unit Diameter: 270mm Unit Weight: 59ka Single Pin Hitch Connection: Pin Diameter: 45mm Handheld PDA Optional Extras:

TM65



Earth Drill Range: 30,000MAX-65,000MAX Unit Height: Unit Diameter: Unit Weight: Hitch Connection: Pin Diameter: **Optional Extras:**



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 days of your trenching bucket may well be over.

The laborious task of digging a trench has been transformed since the advent of the Trencher Attachment.

Suitable for Skid Steer,s 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.

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.

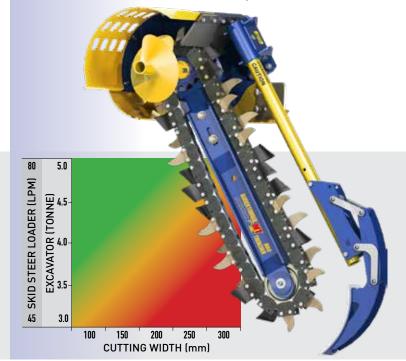


EXCAVATORS 3 - 5 T & SKIDSTEER LOADERS

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

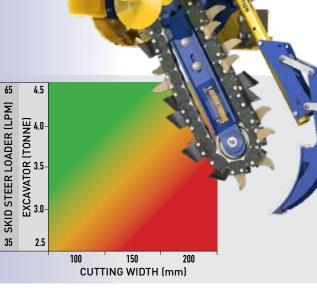
Technical data may be subject to change without notice.



IDEALLY SUITED

SUITABLE NOT SUITED





EARTH WEAR PARTS



TUNGSTEN WEAR PARTS

Left Hand

44-2001



Tungsten Tooth

Right Hand

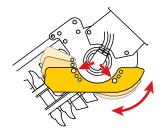
44-2003

BOOM SPARE PARTS

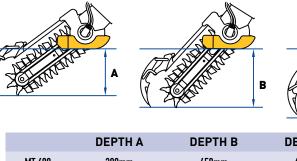


5 TONNES ß N TRENCHERS FOR LOADERS & EXCAVATORS

TRENCH DEPTH CAPABILITY



Adjustable Depth-control Skid allows for 3 different depth settings





	DEPTH A	DEPTH B	DEPTH C
MT 600	300mm	450mm	600mm
MT 900	600mm	750mm	900mm

MOUNTING HITCH OPTIONS

Three versions of mounting hitches are available;

SIDE SHIFT FRAME For Skidsteer Loaders

MINI LOADER FRAME for Mini Loaders

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

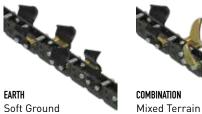
Best used in dry, hard or medium ground conditions.

TUNGSTEN

Best used in dry, hard ground conditions.

CHAIN 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.



ain

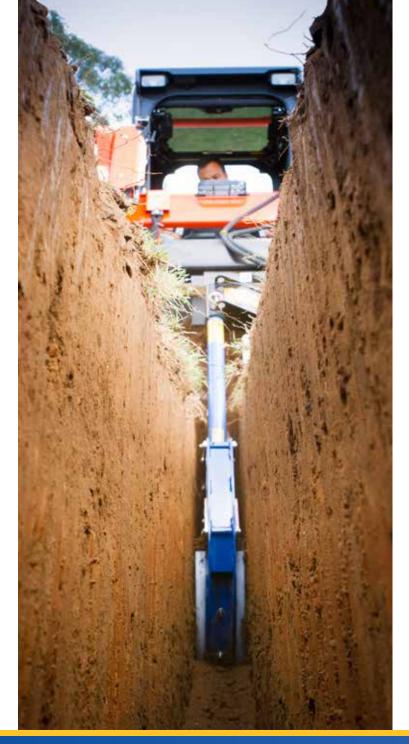
TUNGSTEN

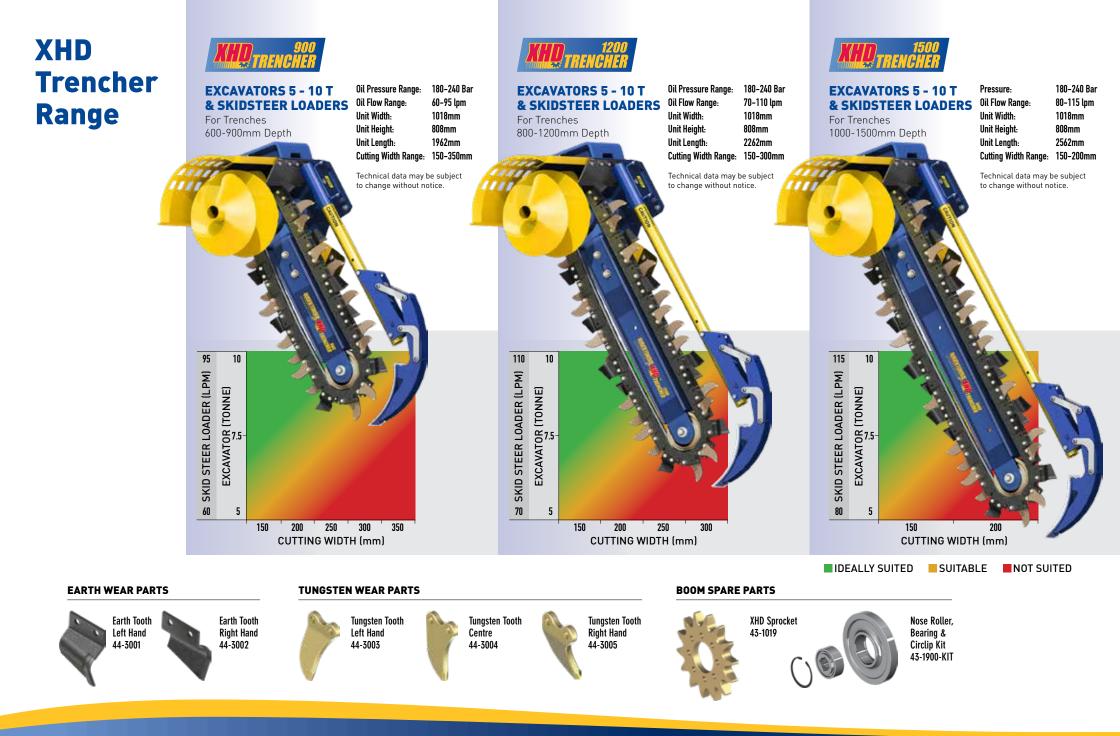
Frozen

Hard Ground /

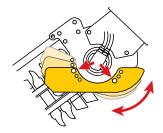
CHAIN WIDTH OPTIONS

	100mm	150mm	200mm	250mm	300mm
MT 600 Earth	44-2901	44-2903	44-2905	44-2940	44-2936
MT 600 Combination	44-2902	44-2904	44-2906	44-2919	44-2937
MT 600 Tungsten	44-2918	44-2913	44-2914	44-2945	44-2938
MT 900 Earth	44-2907	44-2909	44-2911	44-2939	44-2933
MT 900 Combination	44-2908	44-2910	44-2912	44-2915	44-2934
MT 900 Tungsten	44-2916	44-2920	44-2921	44-2941	44-2935

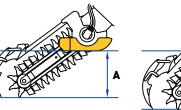




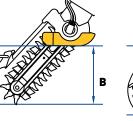
TRENCH DEPTH CAPABILITY



Adjustable Depth-control Skid allows for 3 different depth settings



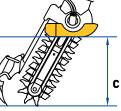
charts, price lists and specifications.



TUNGSTEN

Frozen

Hard Ground /



	DEPTH A	DEPTH B	DEPTH C
XHD 900	600mm	750mm	900mm
XHD 1200	800mm	1000mm	1200mm
XHD 1500	1000mm	1250mm	1500mm

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

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

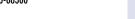
Best suited to soft grounds like earth and clay.

COMBINATION

Best used in dry, hard or medium ground conditions.

TUNGSTEN Best used in dry, hard ground conditions.

10-00000





CHAIN WIDTH OPTIONS

CHAIN OPTIONS

EARTH

Soft Ground

	150mm	200mm	250mm	300mm	350mm
XHD 900 Earth	44-3904	44-3907	44-3910	44-3913	44-3916
XHD 900 Combination	44-3905	44-3908	44-3911	44-3914	44-3917
XHD 900 Tungsten	44-3906	44-3909	44-3912	44-3915	44-3918
XHD 1200 Earth	44-3922	44-3925	44-3928	44-3931	-
XHD 1200 Combination	44-3923	44-3926	44-3929	44-3932	-
XHD 1200 Tungsten	44-3924	44-3927	44-3930	44-3933	-
XHD 1500 Earth	44-3937	44-3940	-	-	-
XHD 1500 Combination	44-3938	44-3941	-	-	-
XHD 1500 Tungsten	44-3939	44-3942	-	-	-



Aluminium Ramps

Auger Torque Aluminium Loading Ramps have long set the standard by which other ramps are judged.

With carrying capacities ranging from 1.5 to 8 tonnes, our ramps are overengineered to ensure they can safely accept steel or rubber tracks and pneumatic tyres. This means you no longer need to have individual ramps to cope with various means of traction. One set of Auger Torque Loading Ramps does it all.

We use only the highest grade alloy, ensuring that Auger Torque aluminium ramps will have a long and reliable service life.

All our ramps incorporate a unique design feature which prevents bottoming out when loading or unloading. All ramps are supplied with forged locking pins to ensure safe and secure attachment to the loading plate.

Made in Australia for Australian conditions, best ramps on the market – Now you're talking!







OPTIONS

	1.5 Tonne (2.8m)	3.0 Tonne (3.5m)	4.0 Tonne (3.5m)	4.0 Tonne (3.9m)	4.5 Tonne (3.5m)	4.5 Tonne (3.9m)	5.0 Tonne (3.5m)	6.0 Tonne (3.5m)	8.0 Tonne (3.5m)
Part No:	51-2909	51-2901	51-2902	51-2904	51-2903	51-2907	51-2905	51-2906	51-2908
Track Width:	280mm	325mm	350mm	350mm	425mm	425mm	470mm	500mm	500mm
Max Bed Height:	1m	1.2m	1.2m	1.4m	1.2m	1.4m	1.2m	1.2m	1.2m
Weight (per ramp):	24kg	30kg	36kg	40kg	40kg	47kg	49kg	55kg	68kg
Suitable for:	Steel Tracks, Rubber Tracks and Pneumatic Tyres								

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

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







550mm

80mm

40mm

1070mm

Weight Capacity: Tine Height: Tine Width: Tine Length: Tine Thickness:



Assembled Height: 930mm Assembled Width: 1185mm Assembled Length: 1340mm Kit Weight: 176kg

MEDIUM CAPACITY

Technical data may be subject to change without notice.



 Weight Capacity:
 1800kg

 Tine Height:
 550mm

 Tine Width:
 100mm

 Tine Length:
 1220mm

 Tine Thickness:
 40mm

HIGH CAPACITY PALLET FORKS

Assembled Height: 930mm Assembled Width: 1185mm Assembled Length: 1490mm Kit Weight: 196kg

Technical data may be subject to change without notice.

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.





EXCAVATORS 1 - 8 TONNES, MINI LOADERS & SKID STEERS

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.



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

EXTENSIONCutting Length:1000mmUnit Width:1058mmUnit Height:120mmUnit Depth:217mmUnit Weight:26 kg

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

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.



Hardened Steel blades



Hardened Steel pilot



Stability bars



STUM

EXCAVATORS 1 - 5 TONNES & SKIDSTEERS

Earth Drill Compatibility:	X2500 - 4500MAX
Diameter:	250mm
Length:	635mm
Hub Options:	65 Round
Unit Weight:	25 kg

Technical data may be subject to change without notice.





EXCAVATORS 4.5 - 8 TONNES & HIGH FLOW SKIDSTEERS

5500MAX - 8000MAX Earth Drill Compatibility: Diameter: 350mm 675mm Length: 75 Square Hub Options: Unit Weight: 33 kg

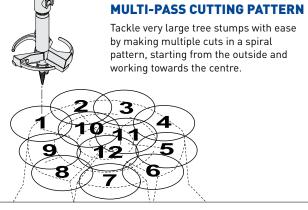
Technical data may be subject to change without notice.





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.



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

VM1500

Standard Gear Motor	r
Oil Pressure Range:	160-180 Bar
Oil Flow Range:	60–70 lpm
Suitable For:	5T - 10T Excavators
	Skid Steer Loaders
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

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





FEATURES

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

APPLICATIONS

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

Notes

Notes









































Earthworm Attachments

Phone: 0508 21 22 23 Auckland: 211 Roscommon Rd, Wiri 2104 Christchurch: 7 Washbournes Road, Wigram, Christchurch, 8042 Southland: 1a Hyde St, Gore 9710

Connect with us via



YOUR NEAREST DEALER IS

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