



AUGER TORQUE USA LLC USA - ISSUE 11.1



www.augertorqueusa.com

### 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.

#### **HOSE & COUPLER OPTIONS**

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

## HIGH QUALITY HYDRAULIC MOTORS

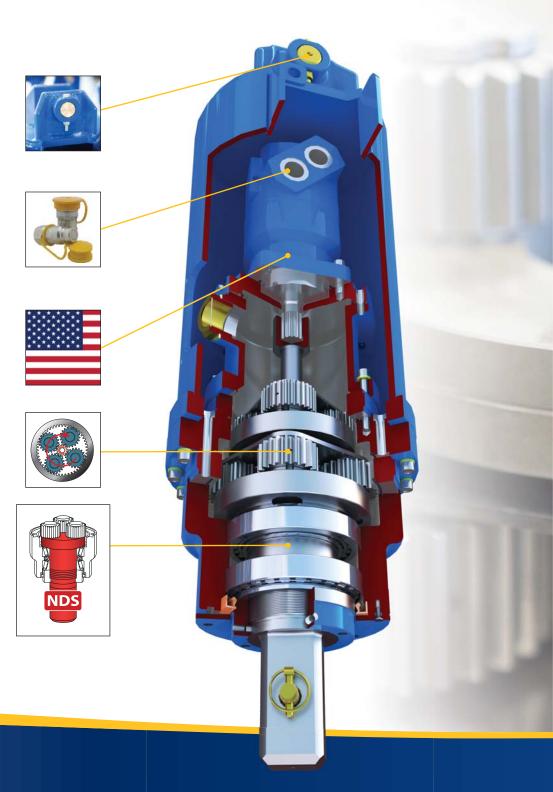
Auger Torque's huge buying power means we work closely with companies such as Eaton in America to develop the most reliable attachments available on the market today. Unlike some manufacturers all our Eaton Motors are in fact USA made.

#### **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-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.







#### MICRO EXCAVATORS 1,650 - 2,200 LB

#### S2 AUGERS 4 in. - 12 in. Dia

Torque Range: 139 - 858 ft-lb

Oil Pressure Range: 435 – 2.683 psi
Oil Flow Range: 4 – 9 gpm
Speed Range: 38 – 81 rpm
Unit Height: 19 in.
Unit Diameter: 7 in.

Output Shaft Std: 1.97 in. Round

Unit Weight:

Stihl

77 lbs



Single Pin Hitch



1.97 in. Stihl Round Coupling

The Output Shaft on the 900-9 Earth Drill can accept the Stihl coupling directly to the shaft.

PERFORMANCE*	AUGER	DRILLING DEPTH FEET**			
	DIA	SOFT		MEDIUM	
	4 in	3 ft		3	ft
	6 in				
	8 in	1	1	١	1
5	9 in	3	ft	3	ft
DRILLING	10 in	3 ft		3 ft	
	12 in	3 ft		3 ft	

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For further information please contact your authorized Auger Torque distributor.

#### **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:

4 in. 8 in. 10 in. 6 in. 9 in. 12 in.





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











Cradle Hitch



2 in. Hex

Square

Round

	orauto	mon		·			
1	AUGER	DRILLING DEPTH IN FEET**					
	DIA	SOFT	SOFT MEDIUM				
	4 in	7 ft	6 ft	5 ft			
5		7 ft	6 ft	5 ft			
i		6 ft	5 ft	5 ft			
	9 in	6 ft	5 ft	5 ft			
	10 in	5 ft	5 ft	4 ft			
	12 in	5 ft	5 ft	4 ft			
	14 in	5 ft	5 ft	4 ft			
	15 in	5 ft	5 ft	4 ft			
7	16 in	4 ft	4 ft	3 ft			



#### **MINI EXCAVATORS** 2,200 - 4,400 LB

**S4 AUGERS** 4 in. - 16 in. Dia

377 - 1.103 ft-lb Torque Range: Oil Pressure Range: 1,015 - 2,973 psi

Oil Flow Range: 5 - 13 apm Speed Range: 41 - 107 rpm 23 in. Unit Height:

**Unit Diameter:** 8 in. Unit Weight: 98 lbs

Hitch Options: Single Pin Hitch

Double Pin Hitch Cradle Hitch

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square



AUGER DIA

4 in

6 in 8 in

9 in 10 in 12 in

14 in

15 in

16 in

18 in

7 ft

7 ft

6 ft

5 ft

PERFORMANCE\*

DRILLING

2

**Double Pin** Cradle Hitch

Double Pin Hitch



DRILLING DEPTH IN FEET\*\*

7 ft

7 ft

6 ft

5 ft

5 ft



Square

HARD

6 ft

6 ft

5 ft

5 ft

4 ft

3 ft

Endh Drill

**S4 AUGERS** 

Torque Range:

Oil Flow Range:

Speed Range:

**Unit Diameter:** 

Unit Weight:

Hitch Options:

Output Shaft Std:

Output Shaft Opt:

Unit Height:

MINI EXCAVATORS

Oil Pressure Range: 1,015 - 3,481 psi

471 - 1.615 ft-lb

7 – 15 apm

23 in.

8 in.

104 lbs

Single Pin Hitch

Double Pin Hitch

Cradle Hitch

2.56 in. Round

2.25 in. Square

2 in. Hex

43 - 99 rpm

2,200 - 5,500 LB

4 in. - 18 in. Dia





Round























**Double Pin Hitch** 



Double Pin Cradle Hitch

**GUIDE TO DRILLING PERFORMANCE** 

24 in

6 ft

5 ft

5 ft





Earth Drill

**S4 AUGERS** 

Torque Range:

Oil Flow Range:

Speed Range:

Unit Height:

Unit Weight:

Unit Diameter:

**Hitch Options:** 

**MINI EXCAVATORS** 

Oil Pressure Range: 1,160 - 3,481 psi

707 - 2,122 ft-lb

7 - 20 apm

26 in.

10 in.

157 lbs

Single Pin Hitch

36 - 100 rpm

4,400 - 8,800 LB

4 in. - 24 in. Dia





Round

2 in. Hex Square

AUGER	DRILLING DEPTH IN FEET**						
DIA	SC	)FT	MEDIUM		HARD		
4 in	10	) ft	9	9 ft		8 ft	
6 in							
8 in							
9 in							
10 in							
12 in							
14 in							
15 in	١	1	<b>V</b>		<b>V</b>		
16 in	10	) ft	9 ft		8 ft		
18 in	9 ft		8 ft		7 ft		
20 in	8 ft		7 ft		6 ft		
22 in	7	ft	6 ft		5 ft		









Double Pin Cradle Hitch



2 in. Hex Square

Earth Drill

**S4 AUGERS** 

Torque Range:

Oil Flow Range:

Speed Range:

**Unit Diameter:** 

Hitch Options:

Output Shaft Std:

Output Shaft Opt:

Unit Weight:

Unit Height:

4 in. - 20 in. Dia

MINI EXCAVATORS

Oil Pressure Range: 1.015 - 3.481 psi

612 - 2.100 ft-lb

7 - 17 apm

23 in.

8 in.

106 lbs

Single Pin Hitch

Double Pin Hitch

Cradle Hitch

2.56 in. Round

2.25 in. Square

2 in. Hex

36 - 87 rpm

3,300 - 6,600 LB

	AUGER DIA	DRILLING DEPTH IN FEET**						
		SOFT		MEDIUM		HARD		
	4 in	8	ft	8	8 ft		ft	
	6 in							
	8 in							
	9 in							
	10 in	<b>V</b>		<b>V</b>		<b>\</b>		
	12 in	8	ft	8 ft		7	ft	
	14 in	8	ft	7 ft		6	ft	
	15 in	7	ft	6	ft	6 ft		
	16 in	6	ft	6	ft	5 ft		
	18 in	6	ft	5	ft	5	ft	
	20 in	5	ft	5	ft	4	ft	



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Single Pin Hitch



**Double Pin Hitch** 



oul	uble Pin Cradle Hitch							
í	AUGER	DRILLING DEPTH IN FEET**						
	DIA	SC	)FT	MEDIUM		HARD		
	4 in	10	) ft	9	ft	8 ft		
;	6 in							
	8 in							
	9 in							
i	10 in							
	12 in							
	14 in							
7	15 in							
	16 in							
	18 in							
	20 in	١	1	١	1	<b>V</b>		
	22 in	10	) ft	9	ft	8	ft	
	24 in	10	) ft	9	ft	8	ft	
	28 in	8	ft	7 ft		6 ft		
	30 in	6	ft	5	ft	5	ft	



#### MINI EXCAVATORS 5,500 - 9,900 LB

**S4 AUGERS** 4 in. - 30 in. Dia

Torque Range:	888 - 2,665 ft-lb
Oil Pressure Range:	1,160 - 3,481 psi

Oil Flow Range: Speed Range:	10 – 25 gpm 50 – 126 rpm
Unit Height:	26 in.
Unit Niamotor.	10 in

161 lbs Unit Weight: Single Pin Hitch Hitch Options:

> **Double Pin Hitch** Cradle Hitch

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square



2 in. Hex

Square



3300-30 Earth Drill

Single Pin Hitch

**Double Pin Hitch** 

Double Pin Cradle Hitch

36 in

5 ft

5 ft

4 ft

#### **MINI EXCAVATORS** 6,600 - 11,000 LB

**S4 AUGERS** 4 in. - 36 in. Dia

Torque Range:	1,106 - 3,318 ft-lb
Oil Pressure Range:	1,160 - 3,481 psi
Oil Flow Range:	13 – 30 gpm
Speed Range:	42 - 97 rpm
Unit Height:	26 in.
Unit Diameter:	10 in.
Unit Weight:	166 lbs

Single Pin Hitch Hitch Options:

**Double Pin Hitch** Cradle Hitch

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round 2.25 in. Square









2 in. Hex Round Square

PERFORMANCE*	AUGER	DRILLING DEPTH IN FEET**					
	DIA	SC	)FT	MED	NUM	НА	RD
	4 in	13 ft		12 ft		10	ft
	6 in						
PER	8 in						
9	9 in						
GUIDE TO DRILLING	10 in						
	12 in						
	14 in						
<u></u>	15 in						
5	16 in						
0	18 in						
	20 in						
	22 in	1	1	<b>*</b>		<b>V</b>	
	24 in	13	ß ft	12	ft.	10	ft
	28 in	10	) ft	9	ft	8	ft
	30 in	8	ft	8 ft		7 ft	
	32 in	7	ft	6	ft	5 ft	

#### **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.

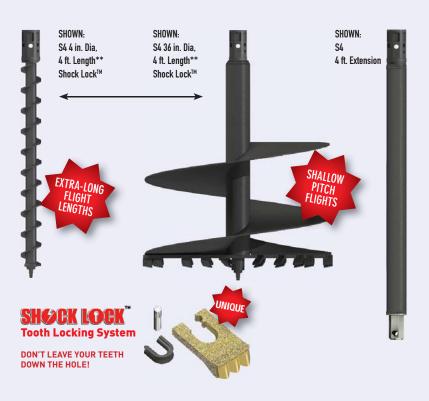
Available in the following diameters:

4 in.	12 in.	20 in.	32 in
6 in.	14 in.	22 in.	36 in
8 in.	15 in.	24 in.	
9 in.	16 in.	28 in.	
10 in.	18 in.	30 in.	

#### **S4 EXTENSIONS**

S4 Auger Extensions are available in the following lengths:

2 ft. 4 ft.



<sup>\*\*</sup> Auger lengths stated include fitted wear parts.





4 Way Swing Frame



2 Way Swing Frame



#### MINI LOADERS

**S4 AUGERS** 4 in. - 16 in. Dia

377 - 1,103 ft-lb Torque Range: Oil Pressure Range: 1,015 - 2,973 psi

Oil Flow Range: 5 - 13 apm 41 - 107 rpm Speed Range:

Unit Height: 16 in. Unit Width: 8 in. Unit Weight: 80 lbs

Mounting Frame: 2 Way Swing

4 Way Swing

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square







2 in. Hex Square

<b>*</b>	AUGER	DRILLING DEPTH IN FEET**				
Ž	DIA	SOFT	MEDIUM	HARD		
Z.	4 in	7 ft	6 ft	5 ft		
F	# AUGER DIA	7 ft	6 ft	5 ft		
PER		6 ft	5 ft	5 ft		
5	9 in	6 ft	5 ft	5 ft		
5	10 in	5 ft	5 ft	4 ft		
<b>E</b>	12 in	5 ft	5 ft	4 ft		
5	14 in	5 ft	5 ft	4 ft		
UIDE TO	15 in	5 ft	5 ft	4 ft		
5	16 in	4 ft	4 ft	3 ft		





Torque Range:

Oil Flow Range:

Speed Range:

Unit Height:

Unit Width:

Unit Weight:

Endh Drill

471 - 1,615 ft-lb

7 – 15 apm

18 in.

8 in.

86 lbs

43 - 99 rpm

4 Way Swing

2.56 in. Round

2.25 in. Square

Oil Pressure Range: 1,015 - 3,481 psi

Mounting Frame: 2 Way Swing

Output Shaft Std: 2 in. Hex

Output Shaft Opt:



4 Way Swing Frame





Round

2 in. Hex Square

<b>*</b>	AUGER	DRILLING DEPTH IN FEET**						
Ā	DIA	SOFT		MED	NUM	HARD		
M	4 in	7	7 ft		7 ft		6 ft	
<u></u>	6 in							
PERFORMANCE*	8 in							
	9 in							
3	10 in	١	1	١	1	١	1	
<b>E</b>	12 in	7	ft	7 ft		6 ft		
5	14 in	7	ft	6 ft		5 ft		
DE	15 in	6	ft	5 ft		5 ft		
<b>GUIDE TO DRILLING</b>	16 in	5	ft	5 ft		4 ft		
	18 in	4	4 ft		4 ft		3 ft	





4 Way Swing Frame





**S4 AUGERS** 4 in. - 20 in. Dia

612 - 2,100 ft-lb Torque Range: Oil Pressure Range: 1,015 - 3,481 psi Oil Flow Range: 7 - 17 apm

Speed Range: 36 - 87 rpm Unit Height: 18 in. Unit Width: 8 in. Unit Weight: 86 lbs

Mounting Frame: 2 Way Swing 4 Way Swing

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square



2 in. Hex





2.25 in. Square





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

**S4 AUGERS** 4 in. - 24 in. Dia

Torque Range: 707 - 2,122 ft-lb Oil Pressure Range: 1,160 - 3,481 psi

Oil Flow Range: 7 - 20 gpm Speed Range: 36 - 100 rpm

Unit Height: 26 in. **Unit Diameter:** 10 in. Unit Weight: 157 lbs

Fixed Centre Cradle Mounting Frame: Side Shift Cradle

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square



Side Shift Frame







2 in. Hex Square

Round

DRILLING DEPTH IN FEET\*\* PERFORMANCE AUGER DIA SOFT MEDIUM HARD 4 in 10 ft 9 ft 8 ft 6 in 8 in 9 in 10 in 2 14 in 15 in 16 in 10 ft 9 ft 8 ft 18 in 9 ft 8 ft 7 ft 20 in 8 ft 7 ft 6 ft 22 in 7 ft 6 ft 5 ft 24 in 6 ft 5 ft 5 ft

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#### SKIDSTEER LOADERS **LOW FLOW UP TO 65 HP**

**S4 AUGERS** 4 in. - 30 in. Dia

888 - 2,665 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,481 psi

Oil Flow Range: 10 - 25 gpm Speed Range: 50 - 126 rpm 26 in.

Unit Height: Unit Diameter: 10 in. Unit Weight: 161 lbs

Fixed Centre Cradle Mounting Frame:

Side Shift Cradle

2 in. Hex Output Shaft Std: Output Shaft Opt: 2.56 in. Round

2.25 in. Square



Side Shift Frame





2 in. Hex Square

<b>*</b>	AUGER	DRILLING DEPTH IN FEET**					
<b>GUIDE TO DRILLING PERFORMANCE*</b>	DIA	SO	FT	MED	IUM	HARD	
M.	4 in	10	ft	9	ft	8 ft	
£	6 in						
PE	8 in						
9	9 in						
3	10 in						
E S	12 in						
5	14 in						
H	15 in						
Ĕ	16 in						
_	18 in						
	20 in	-	′	١	1	١	1
	22 in	10	ft	9 ft		8 ft	
	24 in	10	ft	9	ft	8 ft	
	28 in	8	ft	7	ft	6 ft	
	30 in	6	ft	5	ft	5	ft





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

**S4 AUGERS** 4 in. - 36 in. Dia

1,106 - 3,318 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,481 psi Oil Flow Range: 13 - 30 gpm

Speed Range: 42 - 97 rpm Unit Height: 26 in. Unit Diameter: 10 in. Unit Weight: 166 lbs

Mounting Frame: Fixed Centre Cradle Side Shift Cradle

Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square



32 in

36 in

7 ft

5 ft

6 ft

5 ft

5 ft

4 ft

Side Shift Frame







DDILLING DEDTH IN FEFT\*\*

2.25 in 2 in. Hex Square

Round

H	AUGER	DRILLING DEPTH IN FEET**						
¥	DIA	SC	)FT	MED	NUI	HARD		
M	4 in	13	ft .	12 ft		10 ft		
6	6 in							
GUIDE TO DRILLING PERFORMANCE	8 in							
9	9 in							
3	10 in							
<b>E</b>	12 in							
5	14 in							
H	15 in							
Ĕ	16 in							
_	18 in							
	20 in							
	22 in	1	1	<b>*</b>		١	1	
	24 in	13	ß ft	12 ft		10 ft		
	28 in	10	) ft	9 ft		8 ft		
	30 in	8	ft	8 ft		7 ft		

#### **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:

4 in.	12 in.	20 in.	32 ir
6 in.	14 in.	22 in.	36 ir
8 in.	15 in.	24 in.	
9 in.	16 in.	28 in.	
10 in.	18 in.	30 in.	

#### **S4 EXTENSIONS**

S4 Auger Extensions are available in the following lengths:

2 ft. 4 ft.



<sup>\*\*</sup> Auger lengths stated include fitted wear parts.



## Earth Drill

#### **TRUCK CRANES TO** 19,800 LB / 39"

**S4 AUGERS** 4 in. - 24 in. Dia

707 - 2,298 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,771 psi

Oil Flow Range: 1.5 - 10 apm Speed Range: 8 - 50 rpm 26 in. Unit Height: Unit Diameter: 10 in. 161 lbs Unit Weight:

Hitch: Rope Wind Hitch Output Shaft Std: 2 in. Hex Output Shaft Opt: 2.56 in. Round

2.25 in. Square











E*	AUGER	DRILLING DEPTH IN FEET**					
Ä	DIA	SOF	ſ	MED	IUM	НА	RD
GUIDE TO DRILLING PERFORMANCE*	4 in	10 f	t	9 ft		8 ft	
5	6 in						
H	8 in						
9	9 in						
3	10 in						
<u>=</u>	12 in						
5	14 in						
Ä	15 in	<b>*</b>		١	1	١	1
5	16 in	10 f	t	9 ft		8 ft	
_	18 in	8 ft		8 ft		7 ft	
	20 in	7 ft		6 ft		5 ft	
	22 in	6 ft		5 ft		5 ft	
	24 in	5 ft		5	ft	4	ft





#### **TRUCK CRANES TO** 33,000 LB / 39"

**S5 AUGERS** 6 in. - 32 in. Dia

1,243 - 4,039 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,771 psi

Oil Flow Range: 4 - 14 apm Speed Range: 11 - 40 rpm

31 in. Unit Height: Unit Diameter: 11 in. 238 lbs Unit Weight:

Hitch: Rope Wind Hitch 2.5 in. Hex

Output Shaft Opt: 2.96 in. Square





10 ft

8 ft

9 ft

8 ft

8 ft

7 ft

30 in

32 in







Square

GUIDE TO DRILLING PERFORMANCE





#### TRUCK CRANES 19,800 - 39,600 LB / 39"

**S5 AUGERS** 6 in. - 40 in. Dia

1,547 - 5,029 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,771 psi

4 - 14 apm

Speed Range: 9 - 32 rpm Unit Height: 31 in. **Unit Diameter:** 11 in. 243 lbs Unit Weight:

Oil Flow Range:

Hitch: **Rope Wind Hitch** 

Output Shaft Std: 2.5 in. Hex Output Shaft Opt: 2.96 in. Square



AUGER

6 in

8 in

9 in

10 in

12 in 14 in

15 in

16 in 18 in

20 in

22 in

24 in

28 in

30 in

32 in

36 in

40 in

16 ft

13 ft

13 ft

13 ft

11 ft

10 ft

8 ft

7 ft



12 ft

12 ft

12 ft

10 ft

9 ft

8 ft

6 ft

13 ft

10 ft

10 ft

10 ft

10 ft

8 ft

7 ft





Hex



Square



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#### **S4 AUGERS FOR THE 2300-10**

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:

		9	
4 in.	12 in.		20 in
6 in.	14 in.		22 in.
8 in.	15 in.		24 in.
9 in.	16 in.		

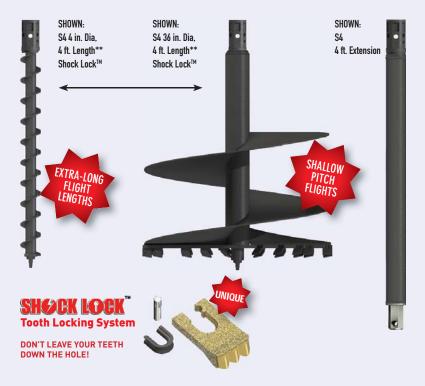
18 in.

10 in.

#### **S4 EXTENSIONS**

S4 Auger Extensions are available in the following lengths:

2 ft. 4 ft.



<sup>\*\*</sup> Auger lengths stated include fitted wear parts.

#### **S5 AUGERS FOR THE 4000-14 AND 5000-14**

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:

6 in.	14 in.	22 in.	36 in.
8 in.	15 in.	24 in.	40 in.
9 in.	16 in.	28 in.	
10 in.	18 in.	30 in.	
12 in.	20 in.	32 in.	

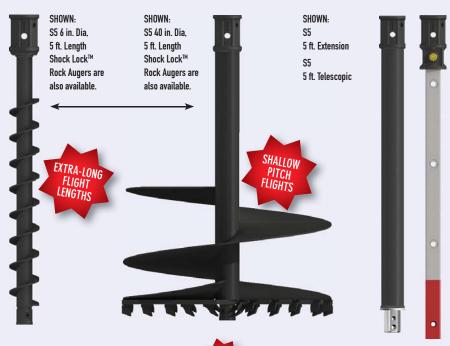
#### **S5 EXTENSIONS**

Available in the following lengths:

3 ft. 6 in. 5 ft. 6 ft. 6 in.

#### **S5 TELESCOPIC**

Available in the following lengths: **5 ft. 6 ft. 6 in.** 









**S5 AUGERS** 6 in. - 30 in. Dia

Earth Drill

Torque Range: 1.243 - 3.729 ft-lb Oil Pressure Range: 1.160 - 3.481 psi Oil Flow Range: 10 - 30 apm Speed Range: 29 - 86 rpm

Unit Height: 31 in. Unit Diameter: 11 in. 238 lbs Unit Weight:

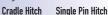
Hitch Options: Single Pin Hitch

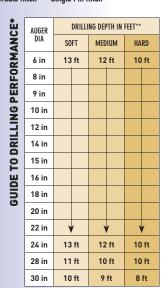
Double Pin Hitch Cradle Hitch

Optional Extras: 2 Way Valve Output Shaft Std: 2.5 in. Hex Output Shaft Opt: 2.96 in. Square



**Double Pin Hitch** 









2.96 in. 2.5 in. Hex Square



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







**Double Pin Hitch** 





Optional Extras: 2 Way Valve **Output Shaft Std:** 2.5 in. Hex Output Shaft Opt: 2.96 in. Square

Eodh Daill

**EXCAVATORS** 

6 in. - 36 in. Dia

**S5 AUGERS** 

Torque Range:

Oil Flow Range:

Speed Range:

Unit Height:

Unit Diameter:

Hitch Options:

Unit Weight:

11,000 - 15,400 LB

Oil Pressure Range: 1.160 - 3.771 psi

1.547 - 5.029 ft-lb

13 - 30 apm

30 - 70 rpm

Single Pin Hitch

Double Pin Hitch

Cradle Hitch

31 in.

11 in.

Cradle Hitch

Single Pin Hitch

i i	AUGER	DF	FEET**	EET**			
GOIDE TO DRILLING PERFORMANCE	DIA	SOFT		MED	IUM	HARD	
	6 in	16 f	t	15 ft		13 ft	
	8 in						
2	9 in						
	10 in						
3	12 in						
2	14 in						
2	15 in						
1	16 in						
5	18 in	<b>\</b>		1	1	1	1
	20 in	16 f	t	15	ft	13	ft
	22 in	13 f	t	12 ft		10 ft	
	24 in	13 f	t	12	ft	10	ft
	28 in	13 f	t	12	ft	10	ft
	30 in	11 f	t	10	ft	10	ft
	32 in	10 f	t	9 ft		8 ft	
	36 in	8 ft		8	ft	7 ft	









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





**Double Pin Hitch** 







			-				
ж,	AUGER		FEET**				
Š	DIA	SO	FT	MED	IUM	HARD	
Ž	6 in	16	ft	15	ft	13	ft
GUIDE TO DRILLING PERFORMANCE*	8 in						
Ä	9 in						
9	10 in						
	12 in						
뭁	14 in						
0.0	15 in						
Ē	16 in						
5	18 in	1	1	١	1	١	1
9	20 in	16	ft	15	ft	13	ft
	22 in	13	ft	12	ft	10	ft
	24 in	13	ft	12	ft	10	ft
	28 in	13	ft	12	ft	10	ft
	30 in	11	ft	10	ft	10	ft
	32 in	10	ft	9	ft	8	ft
	36 in	8	ft	8	ft	7	ft



Torque Range:	1,573 - 5,112 ft-ll	J
Oil Pressure Range:	1,160 - 3,771 psi	
Oil Flow Range:	16 – 36 gpm	
Speed Range:	36 - 81 rpm	
0.502.0	01 :	

Unit Height: 31 in. **Unit Diameter:** 11 in. Unit Weight: 247 lbs

Single Pin Hitch Hitch Options: Double Pin Hitch

Cradle Hitch

Single Pin Hitch

AUGER	DRILLING DEPTH IN FEET**						
DIA	SO	FT	MEDIUM		HARD		
6 in	16	ft	15 ft		13 ft		
8 in							
9 in							
10 in							
12 in							
14 in							
15 in							
16 in							
18 in	1	1	<b>\</b>		<b>V</b>		
20 in	16	ft	15 ft		13 ft		
22 in	13	ft	12 ft		10 ft		
24 in	13 ft		12	ft	10 ft		
28 in	13 ft		12	ft	10 ft		
30 in	11	ft	10	ft	10 ft		
32 in	10	ft	9	ft	8	ft	
	DIA 6 in 8 in 9 in 10 in 12 in 14 in 15 in 16 in 18 in 20 in 22 in 24 in 28 in 30 in	DIA SCC 6 in 16 8 in 9 in 10 in 12 in 14 in 15 in 16 in 18 in 17 20 in 16 22 in 13 24 in 13 30 in 11	AUGER DIA SOFT  6 in 16 ft  8 in 9 in 10 in 12 in 14 in 15 in 16 in 18 in 16 ft  22 in 16 ft  22 in 13 ft  28 in 13 ft  30 in 11 ft	AUGH DIA SOFT MED AUGH DIA SOF	AUGER DIA SOFT MEDIUM 6 in 16 ft 15 ft 8 in	AUGED DIA SOFT MEDIUM HA 6 in 16 ft 15 ft 13 8 in	





2.96 in.



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





**EXCAVATORS** 

Earth Drill

**S5 AUGERS** 6 in. - 48 in. Dia

Torque Range: 2.004 - 6.012 ft-lb Oil Pressure Range: 1,160 - 3,481 psi 19 - 40 apm

Oil Flow Range: 33 - 70 rpm Speed Range:

Unit Height: 31 in. **Unit Diameter:** 11 in. Unit Weight: 260 lbs

Single Pin Hitch Hitch Options: Double Pin Hitch

Cradle Hitch

2.96 in. Square

2 Way Valve Optional Extras: **Output Shaft Std:** 2.5 in. Hex **Output Shaft Opt:** 

**Cradle Hitch** Single Pin Hitch

AUGER

DIA

6 in

8 in

9 in

10 in

12 in

14 in

15 in

16 in

18 in

20 in

22 in

24 in

28 in

30 in

32 in

36 in

40 in

48 in

20 ft

16 ft

16 ft

16 ft

16 ft

13 ft

13 ft

11 ft

11 ft

10 ft

Double Pin Hitch

DRILLING PERFORMANCE\*

**GUIDE TO** 



18 ft

15 ft

15 ft

15 ft

15 ft

12 ft

12 ft

10 ft

10 ft

9 ft

13 ft

13 ft

13 ft

13 ft

10 ft

10 ft

10 ft







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



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<sup>\*\*\*</sup>Any data or specification contained within this documentation may be subject to change without prior notification For further information please contact your authorized Auger Torque distributor



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:

6 in.	14 in.	22 in.	36 in.
8 in.	15 in.	24 in.	40 in.
9 in.	16 in.	28 in.	48 in.
10 in.	18 in.	30 in.	
12 in.	20 in.	32 in.	

#### **S5 EXTENSIONS**

Available in the following lengths: **3 ft. 6 in. 5 ft.** 

3π.6 in. 5π. 6 ft. 6 in.

#### **S5 TELESCOPIC**

Available in the following lengths: **5 ft. 6 ft. 6 in.** 





DON'T LEAVE YOUR TEETH DOWN THE HOLE!







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

**TELEHANDLERS** 9,900 - 15,400 LB

**S5 AUGERS** 6 in. - 30 in. Dia

Torque Range: 1.243 - 4.039 ft-lb Oil Pressure Range: 1,160 - 3,771 psi

11 - 30 gpm Oil Flow Range: 30 - 87 rpm Speed Range: Unit Height: 31 in.

**Unit Diameter:** 11 in. 238 lbs Unit Weight:

Mounting Frame: Fixed Centre Cradle Side Shift Cradle

Output Shaft Std: 2.5 in. Hex 2.96 in. Square Output Shaft Opt:



	6
D	No.
ft	-

DRILLING DEPTH IN FEET\*\*

**MEDIUM** 

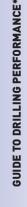
12 ft

10 1









30 in

32 in

36 in



11 ft

10 ft

10 ft

Earth Drill



Hex

Earth Drill

**HIGH FLOW** 

**S5 AUGERS** 

Torque Range:

Oil Flow Range:

Speed Range:

Unit Diameter:

Mounting Frame:

Output Shaft Std:

Output Shaft Opt:

HARD

13 ft

13 ft

10 ft

10 ft

10 ft

10 ft

8 ft

7 ft

Unit Weight:

Unit Height:

6 in. - 36 in. Dia

**UP TO 30 GPM** 

**TELEHANDLERS** 

11,000 - 15,400 LB

Oil Pressure Range: 1,160 - 3,771 psi

SKIDSTEER LOADERS



1.547 - 5.029 ft-lb

Fixed Centre Cradle

Side Shift Cradle

2.96 in. Square

13 - 30 gpm

30 - 70 rpm

31 in.

11 in.

243 lbs

2.5 in. Hex





DRILLING PERFORMANCE

2

GUIDE

12 in

15 in

16 in

18 in

20 in

24 in

28 in

30 in

36 in

16 ft

13 ft

13 ft

13 ft

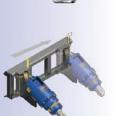
11 ft

10 ft

8 ft









#### SKIDSTEER LOADERS **HIGH FLOW UP TO 36 GPM**

**TELEHANDLERS** 11,000 - 15,400 LB

**S5 AUGERS** 6 in. - 36 in. Dia

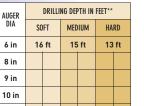
1.573 - 5.112 ft-lb Torque Range: Oil Pressure Range: 1.160 - 3.771 psi

16 - 36 apm Oil Flow Range: Speed Range: 36 - 81 rpm

Unit Height: 31 in. Unit Diameter: 11 in. 247 lbs Unit Weight:

Fixed Centre Cradle Mounting Frame: Side Shift Cradle

Output Shaft Std: 2.5 in. Hex Output Shaft Opt: 2.96 in. Square



15 ft

12 ft

12 ft

10 ft

8 ft

13 ft

10 ft

10 ft

10 ft

10 ft

8 ft

7 ft



2.5



3	3	
in.	2.96 ii	1
X	Squar	







#### SKIDSTEER LOADERS **HIGH FLOW UP TO 40 GPM**

**S5 AUGERS** 6 in. - 48 in. Dia

Torque Range: 2.004 - 6.012 ft-lb Oil Pressure Range: 1,160 - 3,481 psi

Oil Flow Range: 19 - 40 gpm 33 - 70 rpm Speed Range

Unit Height: 31 in. 11 in. **Unit Diameter:** 260 lbs Unit Weight:

Single Pin Hitch Hitch Options:

Cradle Hitch

2 Way Valve Optional Extras: **Output Shaft Std:** 2.5 in. Hex

Output Shaft Opt: 2.96 in. Square

16 ft

16 ft

13 ft

13 ft

13 ft

13 ft

12 ft

10 ft

10 ft





2.96 in.

DRILLING PERFORMANCE DIA MEDIUM 6 in 20 ft 18 ft 8 in 10 in 12 in 은 15 in GUIDE. 20 ft 18 ft 18 in 16 ft 15 ft 16 ft 15 ft 20 in 22 in 24 in 16 ft 15 ft 28 in 15 ft 13 ft 13 ft 12 ft 13 ft 12 ft 32 in 36 in 11 ft 10 ft

40 in

48 in

11 ft

10 ft

9 ft

AUGER

DRILLING DEPTH IN FEET\*\*



<sup>\*\*</sup> The data shown has been obtained, by Auger Torque, in a controlled environment. Auger Torque cannot guarantee is environment can be replicated and as such cannot accept liability if these figures cannot be achieved.

PERFORMANCE\*

DRILLING

ဥ 15 in

AUGER

DIA

6 in

8 in

9 in

10 in

12 in

14 in

16 in

18 in

20 in

22 in

24 in

28 in

30 in

13 ft

11 ft

10 ft

12 ft

10 ft

9 ft

10 ft

<sup>\*\*\*</sup>Any data or specification contained within this documentation may be subject to change without prior notification. For further information please contact your authorized Auger Torque distributor



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:

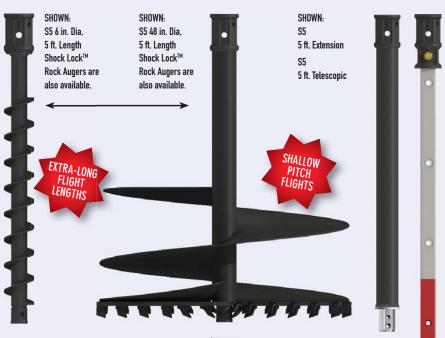
6 in.	14 in.	22 in.	36 in.
8 in.	15 in.	24 in.	40 in.
9 in.	16 in.	28 in.	48 in.
10 in.	18 in.	30 in.	
12 in.	20 in.	32 in.	

#### **S5 EXTENSIONS**

Available in the following lengths: 3 ft. 6 in. 5 ft. 6 ft. 6 in.

#### **S5 TELESCOPIC**

Available in the following lengths: **5 ft. 6 ft. 6 in.** 





DON'T LEAVE YOUR TEETH DOWN THE HOLE!





Cradle Hitch

#### **BACKHOES**

Eadh Daill

**S6 AUGERS** 6 in. - 36 in. Dia

Torque Range: 2,419 - 7,863 ft-lb Oil Pressure Range: 1,160 - 3,771 psi

Oil Flow Range: 19 - 40 gpm 27 - 58 rpm Speed Range: Unit Height: 35 in.

12 in. Unit Diameter: Unit Weight: 358 lbs

Hitch Options: Single Pin Hitch

Double Pin Hitch Cradle Hitch

Optional Extras: 2 Way Valve **Output Shaft Std:** 3 in. Hex Output Shaft Opt: 2.96 in. Square



Single Pin Hitch

	og.o · ·						
<b>*</b>	AUGER	DRILLING DEPTH IN FEET**					
AN	DIA	SOFT	MEDIUM	HARD			
Z Z	6 in	21 ft	19 ft	17 ft			
<u>F</u>	8 in						
GUIDE TO DRILLING PERFORMANCE*	9 in						
<u>S</u>	10 in						
3	12 in						
<u>E</u>	14 in						
5	15 in	<b>→</b>	<b>*</b>	<b>\</b>			
Ë	16 in	21 ft	19 ft	17 ft			
Ĕ	18 in	20 ft	18 ft	16 ft			
_	20 in	20 ft	18 ft	16 ft			
	22 in	20 ft	18 ft	16 ft			
	24 in	20 ft	18 ft	16 ft			
	28 in	18 ft	16 ft	15 ft			
	30 in	16 ft	15 ft	13 ft			
	32 in	16 ft	15 ft	13 ft			



**Double Pin Hitch** 



2.96 in. Square



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



**Double Pin** 

Cradle Hitch



#### **BACKHOES**

**S6 AUGERS** 6 in. - 40 in. Dia

Torque Range: 3,100 - 9,300 ft-lb Oil Pressure Range: 1,160 - 3,481 psi Oil Flow Range: 19 - 40 gpm 21 - 45 rpm Speed Range:

Unit Height: 37 in. Unit Diameter: 12 in. Unit Weight: 358 lbs

Hitch Options: Single Pin Hitch

Double Pin Hitch Cradle Hitch

Optional Extras: 2 Way Valve **Output Shaft Std:** 3 in. Hex Output Shaft Opt: 2.96 in. Square





Single Pin Hitch







**Double Pin Hitch** 





3 in. Hex Square



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



**Cradle Hitch** 

AUGER

8 in

9 in

12 in

14 in

16 in

18 in

20 in

22 in

24 in

28 in

30 in

32 in

36 in

40 in

48 in

SOFT

25 ft

25 ft

23 ft

23 ft

23 ft

23 ft

21 ft

20 ft

20 ft

18 ft

16 ft

15 ft

**GUIDE TO DRILLING PERFORMANCE**\*



#### **BACKHOES**

**S6 AUGERS** 6 in. - 48 in. Dia

3,705 - 11,115 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,481 psi

19 - 40 gpm Oil Flow Range: 18 - 38 rpm Speed Range: 37 in. Unit Height: 12 in. **Unit Diameter:** Unit Weight: 364 lbs

Single Pin Hitch **Hitch Options:** 

> Double Pin Hitch Cradle Hitch

Optional Extras: 2 Way Valve Output Shaft Std: 3 in. Hex **Output Shaft Opt:** 2.96 in. Square

HARD

20 ft

20 ft

19 ft

19 ft

19 ft

19 ft

17 ft

16 ft

16 ft

15 ft

13 ft

12 ft



Single Pin Hitch

DRILLING DEPTH IN FEET\*\*

MEDIUM

22 ft

21 ft

21 ft

21 ft

21 ft

19 ft

18 ft

18 ft

16 ft

15 ft

13 ft







3 in. 2.96 in. Hex Square



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



36 in

13 ft

**S6 EXTENSIONS** 

**S6 TELESCOPIC** 

6 ft. 6 in.

Available lengths:

Available lengths:

5 ft. 6 ft. 6 in.

8 ft. 10 ft.

5 ft.



Double Pin

Cradle Hitch

## Earth Drill

#### **EXCAVATORS** 17,600 - 28,600 LB

**S6 AUGERS** 6 in. - 40 in. Dia

Torque Range: 2.949 - 8.846 ft-lb Oil Pressure Range: 1,160 - 3,481 psi

Oil Flow Range: 21 - 45 gpm Speed Range: 25 - 54 rpm

Unit Height: 37 in. Unit Diameter: 12 in. Unit Weight: 358 lbs

Hitch Options: Single Pin Hitch Double Pin Hitch

Cradle Hitch

Optional Extras: Pressure Relief Valve

2 Way Valve

Output Shaft Std: 3 in. Hex Output Shaft Opt: 2.96 in. Square



Single Pin Hitch

DRILLING DEPTH IN FEET\*\*

u	AUULK						
Ă	DIA	SOFT	MEDIUM	HARD			
Σ	6 in	23 ft	21 ft	19 ft			
<u>6</u>	8 in						
H	9 in						
9	10 in						
	12 in						
₹	14 in						
5	15 in	*	<b>*</b>	<b>+</b>			
GUIDE TO DRILLING PERFORMANC	16 in	23 ft	21 ft	19 ft			
5	18 in	21 ft	19 ft	17 ft			
U	20 in	21 ft	19 ft	17 ft			
	22 in	21 ft	19 ft	17 ft			
	24 in	21 ft	19 ft	17 ft			
	28 in	20 ft	18 ft	16 ft			
	30 in	18 ft	16 ft	15 ft			
	32 in	18 ft	16 ft	15 ft			
	36 in	16 ft	15 ft	13 ft			
	40 in	15 ft	13 ft	12 ft			



Double Pin Hitch					
0					
-					

2.96 in. 3 in. Square



Converts single acting hammer circuit into 2 Way auxiliary flow

2 Way Valve



Relief Valve



#### **EXCAVATORS** 22,000 - 33,000 LB

**S6 AUGERS** 6 in. - 48 in. Dia

1000-45

orth Drill

Double Pin

Cradle Hitch

AUGER

3.705 - 11.115 ft-lb Torque Range: Oil Pressure Range: 1,160 - 3,481 psi

Oil Flow Range: 21 - 45 gpm Speed Range: 20 - 43 rpm 37 in. Unit Height: 12 in. Unit Diameter: Unit Weight: 364 lbs

Hitch Options: Single Pin Hitch Double Pin Hitch

Cradle Hitch

Pressure Relief Valve Optional Extras:

2 Way Valve

Output Shaft Std: 3 in. Hex Output Shaft Opt: 2.96 in. Square



DRILLING DEPTH IN FEET\*\*

Single Pin Hitch

¥	DIA	SOFT		MEDIUM		HARD	
Σ	6 in	25	ft ft	22 ft		20 ft	
F	8 in						
PER	9 in						
9	10 in						
GUIDE TO DRILLING PERFORMANC	12 in						
<u>=</u>	14 in						
5	15 in	1	1	١	1	1	1
<u> </u>	16 in	25 ft		22 ft		20 ft	
5	18 in	23	3 ft	21	ft	19	ft
_	20 in	23	3 ft	21	ft	19	ft
	22 in	23	3 ft	21	ft	19	ft
	24 in	23	3 ft	21	ft	19	ft
	28 in	21	l ft	19	ft	17	ft
	30 in	20	) ft	18	ft	16	ft
	32 in	20	) ft	18	ft	16	ft
	36 in	18	3 ft	16	ft	15	ft
	40 in	16	ft	15	ft	13	ft
	48 in	15	ī ft	13	ft	12	ft.



Double Pin Hitch



Square



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



Relief Valve

#### **AUGER SUMMARY**

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

#### **S6 AUGERS**

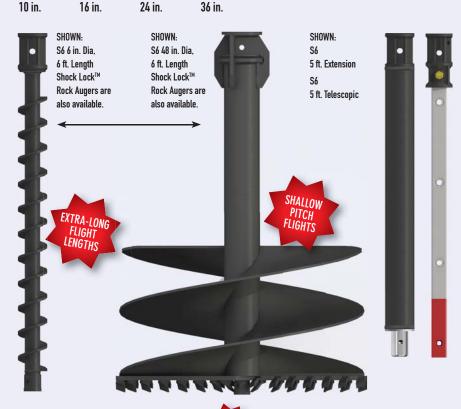
10 in.

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:

16 in.

,		g a.aoto.	٥.	
6 in.	12 in.	18 in.	28 in.	40 i
8 in.	14 in.	20 in.	30 in.	48 i
9 in.	15 in.	22 in.	32 in.	



36 in.



DOWN THE HOLE!



<sup>\*</sup>These charts have been created as a guide only. Actual performance figures may differ.

<sup>\*\*</sup> 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.

<sup>\*\*\*</sup>Any data or specification contained within this documentation may be subject to change without prior notification. For further information please contact your authorized Auger Torque distributor.



#### **EXCAVATORS 26,400 - 37,400 LB**

#### **S6 AUGERS**

6 in. - 40 in. Dia

Torque Range: 7,656 - 12,441 ft-lb Oil Pressure Range: 2,321 - 3,771 psi

Oil Flow Range: 21 - 45 apm Speed Range: 20 - 42 rpm Unit Height: 45 in. Unit Diameter: 14 in. Unit Weight: 589 lbs

Hitch Options: Single Pin Hitch

> Double Pin Hitch Cradle Hitch

Optional Extras: Pressure Relief Valve

2 Way Valve

Output Shaft Std: 3 in. Hex Output Shaft Opt: 2.96 in. Square



u .	AUGER	DRILLING DEPTH IN FEET**						
	DIA	SOFT		MEDIUM		HARD		
Ę	6 in	26	ft	24	24 ft		21 ft	
2	8 in							
	9 in							
	10 in							
į	12 in							
	14 in							
5	15 in	١	1	١	1	1	1	
_	16 in	26 ft		24 ft		21 ft		
GOIDE IO DRILLING PERFORMANCE"	18 in	25 ft		22 ft		20	ft	
,	20 in	25	ī ft	22 ft		20 ft		
	22 in	25	ī ft	22 ft		20 ft		
	24 in	25	ft ft	22 ft		20 ft		
	28 in	23 ft		21 ft		19	ft	
	30 in	21	l ft	19 ft		17	ft ft	
	32 in	21	l ft	19	ft	17	ft ft	
	36 in	20	) ft	18	3 ft	16	ft	
	40 in	18	3 ft	16 ft		15	ft	







3 in. 2.96 in. Square



Double Pin Hitch



**Bolt On Pressure** Relief Valve



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



DRILLING DEPTH IN FEET\*\*

MEDIUM

25 ft

24 ft

24 ft

24 ft

22 ft

21 ft

21 ft

19 ft

18 ft

15000-45

Earth Drill

PERFORMANCE\*

DRILLING

**GUIDE TO** 

AUGER

DIA

6 in

8 in

9 in

10 in

12 in

14 in

15 in

16 in

18 in

20 in

22 in

24 in

28 in

30 in

32 in

40 in

SOFT

28 ft

26 ft

26 ft

26 ft

25 ft

23 ft

23 ft

21 ft

20 ft

#### **EXCAVATORS 28,600 - 44,000 LB**

**S6 AUGERS** 6 in. - 48 in. Dia

9,619 - 14,428 ft-lb Torque Range: Oil Pressure Range: 2,321 - 3,481 psi Oil Flow Range: 21 - 45 apm 16 - 33 rpm Speed Range: Unit Height: 45 in. Unit Diameter: 14 in.

Unit Weight: 591 lbs Single Pin Hitch Hitch Options:

> Double Pin Hitch Cradle Hitch

Pressure Relief Valve Optional Extras:

2 Way Valve

3 in. Hex Output Shaft Std: Output Shaft Opt: 2.96 in. Square

HARD

23 ft

23 ft

21 ft

21 ft

21 ft

21 ft

20 ft

19 ft

19 ft

17 ft

16 ft



**Double Pin Hitch** 

Single Pin Hitch



Hex



Square

Double Pin **Cradle Hitch** 



**Bolt On Pressure** Relief Valve



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



PERFORMANCE\*

DRILLING

GUIDE

AUGER

DIA

6 in

8 in

9 in 10 in

12 in

14 in

15 in 2

16 in

18 in

20 in

24 in

28 in

30 in

32 in

36 in

40 in

48 in

60 in

SOFT

30 ft

30 ft

28 ft

28 ft

28 ft

26 ft

25 ft

25 ft

23 ft

21 ft

20 ft

16 ft



#### **EXCAVATORS 33,000 - 48,400 LB**

**S6 AUGERS** 6 in. - 60 in. Dia

12,171 - 18,257 ft-lb Torque Range: Oil Pressure Range: 2,321 - 3,481 psi Oil Flow Range: 21 - 45 apm

12 - 26 rpm Speed Range: Unit Height: 45 in. Unit Diameter: 14 in. Unit Weight: 593 lbs

Single Pin Hitch Hitch Options:

Double Pin Hitch Cradle Hitch

Optional Extras: Pressure Relief Valve

2 Way Valve

Output Shaft Std: 3 in. Hex Output Shaft Opt: 2.96 in. Square

HARD

24 ft

24 ft

23 ft

23 ft

23 ft

23 ft

21 ft

20 ft

20 ft

19 ft

17 ft

16 ft

13 ft

DRILLING DEPTH IN FEET\*\*

MEDIUM

27 ft

25 ft

25 ft

24 ft

22 ft

22 ft

19 ft

18 ft

15 ft







Double Pin 2.96 in. **Cradle Hitch** Square



**Bolt On Pressure** Relief Valve



**Double Pin Hitch** 

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

<sup>\*</sup>These charts have been created as a guide only. Actual performance figures may differ.

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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:

6 in.	12 in.	18 in.	28 in.	40 in.
8 in.	14 in.	20 in.	30 in.	48 in.
9 in.	15 in.	22 in.	32 in.	60 in.
10 in.	16 in.	24 in.	36 in.	

#### **S6 EXTENSIONS**

Available lengths:

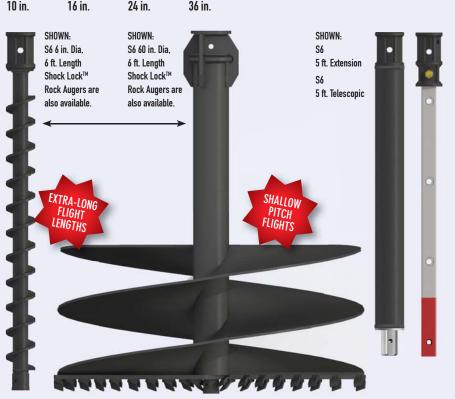
5 ft. 6 ft. 6 in.

8 ft. 10 ft.

#### S6 TELESCOPIC

Available lengths:

5 ft. 6 ft. 6 in.





DON'T LEAVE YOUR TEETH DOWN THE HOLE!



# 0000-45 arth Drill GERTOR

# Earth Drill

#### **EXCAVATORS** 37,400 - 55,000 LB

**PA AUGERS** 12 in. - 40 in. Dia

13.277 - 19.916 ft-lb Torque Range: Oil Pressure Range: 2,321 - 3,481 psi

21 - 45 gpm Oil Flow Range: 11 - 24 rpm Speed Range:

Unit Height: 56 in. **Unit Diameter:** 16 in. Unit Weight: 867 lbs

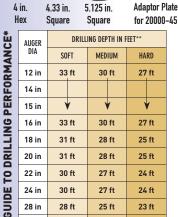
**Output Shaft Std:** 4 in. Hex Output Shaft Opt: 3.94 in. Square



Single Pin Hitch



Double Pin **Cradle Hitch** 



27 ft

27 ft

24 ft

24 ft

22 ft

21 ft

24 ft

24 ft

23 ft

21 ft

21 ft

20 ft

19 ft

3.94 in. Square



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



**Bolt On Pressure** Relief Valve

#### HIGH SPEED DRILLING • SUITED TO DEEP, SMALL DIA HOLES



octh Drill

GERTORO

3.94 in.

Square

49 ft

49 ft

48 ft

48 ft

46 ft

46 ft

4.33 in.

Square

DRILLING DEPTH IN FEET\*\*

MEDIUM

46 ft

46 ft

44 ft

44 ft

43 ft

43 ft

41 ft

4 in.

Hex

AUGER

DIA

12 in

14 in

15 in

16 in

18 in

20 in

22 in

24 in

PERFORMANCE\*

DRILLING

**GUIDE TO** 

#### **EXCAVATORS** 44,000 - 99,000 LB

**PA AUGERS** 12 in. - 24 in. Dia

8.134 - 22.878 ft-lb Torque Range: Oil Pressure Range: 2,321 - 6,527 psi

Oil Flow Range: 26 - 79 gpm 23 - 69 rpm Speed Range:

Unit Height: 59 in. **Unit Diameter:** 16 in. Unit Weight: 1.094 lbs

**Output Shaft Std:** 4 in. Hex Output Shaft Opt: 3.94 in. Square

> 4.33 in. Square 5.125 in. Square



Single Pin Hitch

5.125 in.

Square

HARD

43 ft

43 ft

41 ft

41 ft

39 ft

39 ft

38 ft



Adaptor Plate for 24000-80



**Double Pin** Cradle Hitch



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



**EXCAVATORS** 44,100 - 99,200 LB

**PA AUGERS** 12 in. - 60 in. Dia

6000-53

acth Drill

15.126 - 26.051 ft-lb Torque Range: Oil Pressure Range: 2,611 - 4496 psi

Oil Flow Range: 21 - 59 gpm 11 - 31 rpm Speed Range:

Unit Height: 56 in. Unit Diameter: 16 in. Unit Weight: 974 lbs

**Output Shaft Std:** 4 in. Hex **Output Shaft Opt:** 3.94 in. Square





Adaptor Plate for 20000-45



4 in.

Hex

AUGER

DIA

28 in

30 in

32 in

35 in

39 in

47 in

59 in

71 in

79 in

86 in

PERFORMANCE\*

DRILLING

**GUIDE TO** 

3.94 in.

Square

SOFT

31 ft

30 ft

28 ft

26 ft

25 ft

23 ft

20 ft

17 ft

15 ft



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



**Bolt On Pressure** Relief Valve



**感音** 

GERTOROU



**EXCAVATORS** 

**PA AUGERS** 28 in. - 86 in. Dia

21.177 - 31.765 ft-lb Torque Range: Oil Pressure Range: 2,321 - 3,481 psi

21 - 45 gpm Oil Flow Range: Speed Range: 7 - 15 rpm

Unit Height: 56 in. **Unit Diameter:** 16 in. Unit Weight: 922 lbs

**Output Shaft Std:** 4 in. Hex Output Shaft Opt: 3.94 in. Square

4.33 in. Square 5.125 in. Square



**Double Pin** Cradle Hitch

DRILLING DEPTH IN FEET\*\*

MEDIUM

28 ft

27 ft

27 ft

25 ft

24 ft

22 ft

21 ft

18 ft

15 ft

13 ft



**Adaptor Plate** for 32000-45



25 ft

24 ft

23 ft

21 ft

20 ft

19 ft

16 ft

13 ft

12 ft

Square

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



**Bolt On Pressure** Relief Valve



\*\* 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.

4 in.

Hex

AUGER DIA

12 in

14 in

15 in

16 in

18 in

20 in

22 in

24 in

28 in

32 in

36 in

40 in

48 in

60 in

PERFORMANCE\*

DRILLING

**SUIDE TO** 

3.94 in.

Square

SOFT

35 ft

35 ft

33 ft

33 ft

31 ft

31 ft

30 ft

30 ft

30 ft

28 ft

26 ft

25 ft

4.33 in.

Square

DRILLING DEPTH IN FEET\*\*

MEDIUM

31 ft

31 ft

30 ft

30 ft

28 ft

28 ft

27 ft

27 ft

27 ft

27 ft

25 ft

24 ft

22 ft

21 ft

5.125 in

Square

HARD

28 ft

27 ft

27 ft

25 ft

25 ft

24 ft

24 ft

24 ft

23 ft

21 ft

20 ft

19 ft

\*\*\*Any data or specification contained within this documentation may be subject to change without prior notification For further information please contact your authorized Auger Torque distributor

22 in

24 in

28 in

30 in

32 in

36 in

40 in

30 ft

30 ft

28 ft

26 ft

26 ft

25 ft





#### **EXCAVATORS** 44,100 - 99,200 LB

**PA AUGERS** 12 in. - 72in. Dia

18.151 - 31.260 ft-lb Torque Range: Oil Pressure Range: 2,611 - 4,496 psi

21 - 59 gpm Oil Flow Range: Speed Range: 9 - 26 rpm

56 in. Unit Height: Unit Diameter: 16 in. Unit Weight: 974 lbs **Output Shaft Std:** 4 in. Hex

Output Shaft Opt: 3.94 in. Square 4.33 in. Square

5.125 in. Square 3.94 in.





Single Pin Hitch

5.125 in. Square Square

<b>*</b>	AUGER	DRILLING DEPTH IN FEET**						
AN	DIA	SOFT	MEDIUM	HARD				
Z M	12 in	38 ft	34 ft	31 ft				
PERFORMANCE*	14 in	<b>*</b>	<b>*</b>	<b>V</b>				
PER	15 in	38 ft	34 ft	31 ft				
5	16 in	36 ft	33 ft	30 ft				
GUIDE TO DRILLING	18 in	36 ft	33 ft	30 ft				
<b>E</b>	20 in	34 ft	31 ft	29 ft				
5	22 in	34 ft	31 ft	29 ft				
E	24 in	33 ft	30 ft	27 ft				
5	28 in	33 ft	30 ft	27 ft				
9	30 in	30 ft	27 ft	24 ft				
	32 in	30 ft	27 ft	24 ft				
	36 in	28 ft	25 ft	23 ft				
	40 in	26 ft	24 ft	21 ft				
	48 in	25 ft	22 ft	20 ft				
		,						

60 in

72 in

23 ft

20 ft

21 ft

18 ft

19 ft

16 ft



PERFORMANCE\*

DRILLING

2 22 in

GUIDE

AUGER DIA

12 in

14 in

15 in

16 in

18 in

20 in

24 in

28 in

32 in

36 in

40 in

48 in

60 in

72 in

78 in

86 in

96 in

SOFT

39 ft

39 ft

38 ft

38 ft

36 ft

36 ft

34 ft

33 ft

33 ft

31 ft

30 ft

27 ft

25 ft

21 ft

19 ft

17 ft

16 ft

Adaptor Plate for 24000-80



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



**Bolt On Pressure** Relief Valve



5000-80

Forth Drill

AX 30 RPM

#### **EXCAVATORS** 46,300 - 99,200 LB

**PA AUGERS** 12 in. - 96 in. Dia

Torque Range: 17521 - 35042 ft-lb Oil Pressure Range: 2,321 - 4,641 psi

26 - 80 gpm Oil Flow Range: Speed Range: 10 - 30 rpm

56 in. Unit Height: 16 in. Unit Diameter: Unit Weight: 1.041 lbs **Output Shaft Std:** 4 in. Hex

Output Shaft Opt:

3.94 in.

Square

HARD

32 ft

32 ft

31 ft

31 ft

29 ft

29 ft

28 ft

27 ft

27 ft

25 ft

24 ft

22 ft

20 ft

17 ft

15 ft

14 ft

13 ft

4 in.

Hex

DRILLING DEPTH IN FEET\*\*

MFDIIIM

35 ft

35 ft

34 ft

34 ft

32 ft

32 ft

31 ft

30 ft

30 ft

28 ft

27 ft

25 ft

22 ft

19 ft

17 ft

16 ft

14 ft

3.94 in. Square 4.33 in. Square







5.125 in Square



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

#### **AUGER SUMMARY**

SHOWN:

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 7.5 ft. and 10.8 ft. lengths. Earth and Rock variations are available.

Available in the following diameters:

12 in. 18 in. 24 in. 32 in. 48 in. 78 in. 20 in. 36 in. 60 in. 86 in. 14 in. 28 in. 22 in. 40 in. 72 in. 16 in. 30 in. 96 in.

SHOWN-

For Augers over 60 in. diameter please call our sales office for further information.

#### **PA EXTENSIONS**





