



MINI EXCAVATORS 1 - 2 T

S4 AUGERS
100mm-400mm Dia

Torque Range: 511-1,496 Nm
Oil Pressure Range: 70-205 Bar

Oil Flow Range: 20-45 lpm
Speed Range: 44-98 rpm

Unit Height: 585 mm
Unit Diameter: 200 mm
Unit Weight: 46 kg

Hitch Options: Single Pin Hitch
Double Pin Hitch
Cradle Hitch

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



Double Pin
Cradle Hitch



65mm
Round



2" Hex



57mm
Square

GUIDE TO DRILLING PERFORMANCE*

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



MINI EXCAVATORS 1 - 2.5 T

S4 AUGERS
100mm-450mm Dia

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

Oil Flow Range: 25-57 lpm
Speed Range: 43-99 rpm

Unit Height: 585 mm
Unit Diameter: 200 mm
Unit Weight: 47 kg

Hitch Options: Single Pin Hitch
Double Pin Hitch
Cradle Hitch

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



Double Pin
Cradle Hitch



65mm
Round



2" Hex



57mm
Square

GUIDE TO DRILLING PERFORMANCE*

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



MINI EXCAVATORS 1.5 - 3 T

S4 AUGERS
100mm-500mm Dia

Torque Range: 830-2,847 Nm
Oil Pressure Range: 70-240 Bar

Oil Flow Range: 27-65 lpm
Speed Range: 36-87 rpm

Unit Height: 585 mm
Unit Diameter: 200 mm
Unit Weight: 48 kg

Hitch Options: Single Pin Hitch
Double Pin Hitch
Cradle Hitch

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



Double Pin
Cradle Hitch



65mm
Round



2" Hex



57mm
Square

GUIDE TO DRILLING PERFORMANCE*

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



MINI EXCAVATORS 2 - 4 T

S4 AUGERS
100mm-600mm Dia

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

Oil Flow Range: 27-75 lpm
Speed Range: 36-100 rpm

Unit Height: 665mm
Unit Diameter: 244mm
Unit Weight: 71 kg

Hitch Options: Single Pin Hitch
Double Pin Hitch
Cradle Hitch

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



Double Pin
Cradle Hitch



65mm
Round



2" Hex



57mm
Square

GUIDE TO DRILLING PERFORMANCE*

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

*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.



**MINI EXCAVATORS
2.5 - 4.5 T**

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

Torque Range: 1,205-3,614 Nm
 Oil Pressure Range: 80-240 Bar
 Oil Flow Range: 40-85 lpm
 Speed Range: 42-90 rpm
 Unit Height: 665mm
 Unit Diameter: 244mm
 Unit Weight: 73 kg
 Hitch Options: Single Pin Hitch
 Double Pin Hitch
 Cradle Hitch
 Output Shaft Std: 65mm Round
 Output Shaft Opt: 2" Hex
 57mm Square



Single Pin Hitch



Double Pin Hitch



Double Pin Cradle Hitch



65mm Round



2" Hex



57mm Square

GUIDE TO DRILLING PERFORMANCE*

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



**MINI EXCAVATORS
3 - 5 T**

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

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



Single Pin Hitch



Double Pin Hitch



Double Pin Cradle Hitch



65mm Round



2" Hex



57mm Square

GUIDE TO DRILLING PERFORMANCE*

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

AUGER SUMMARY

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

S4 AUGERS

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

Available in the following diameters:

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

S4 EXTENSIONS

S4 Auger Extensions are available in the following lengths:

500mm	800mm
1m	1.2m



**SHOCK LOCK™
Tooth Locking System**

DON'T LEAVE YOUR TEETH DOWN THE HOLE!



** Auger lengths stated include fitted wear parts.