

35000max Earth Drill

EXCAVATORS 20 - 45 T

PA SERIES AUGERS
300mm-1.5M Dia

Torque Range: 20,510-35,323 Nm
Oil Pressure Range: 180-310 Bar

Oil Flow Range: 80-225 lpm
Speed Range: 11-31 rpm

Unit Height: 1411mm
Unit Diameter: 406mm
Unit Weight: 442 kg

Output Shaft Std: 110mm Square

(Output Shaft adaptors available)



110mm Square



Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	10.5M	9.5M	8.6M
350	↓	↓	↓
400	10M	9M	8.1M
450	10M	9M	8.1M
500	9.5M	8.6M	7.7M
600	9M	8.1M	7.3M
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



Double Pin Cradle Hitch



Adaptor Plate for 35,000MAX



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



42000max Earth Drill

EXCAVATORS 20 - 45 T

PA SERIES AUGERS
300mm-1.8M Dia

Torque Range: 24,612-42,387 Nm
Oil Pressure Range: 180-310 Bar

Oil Flow Range: 80-225 lpm
Speed Range: 9-26 rpm

Unit Height: 1411mm
Unit Diameter: 406mm
Unit Weight: 442 kg

Output Shaft Std: 110mm Square

(Output Shaft adaptors available)



110mm Square



Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE*

AUGER DIA (mm)	DRILLING DEPTH IN METRES**		
	SOFT	MEDIUM	HARD
300	11.5M	9.5M	9.6M
350	↓	↓	↓
400	11M	10M	9.1M
450	11M	10M	9.1M
500	10.5M	9.6M	8.7M
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



Double Pin Cradle Hitch



Adaptor Plate for 42,000MAX



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



65000max Earth Drill

EXCAVATORS 21 - 45 T

PA SERIES AUGERS
300mm-2.4M Dia

Torque Range: 33,295-66,589 Nm
Oil Pressure Range: 160-320 Bar

Oil Flow Range: 100-280 lpm
Speed Range: 8-21 rpm

Unit Height: 1556mm
Unit Diameter: 406mm
Unit Weight: 480 kg

Output Shaft Std: 110mm Square

(Output Shaft adaptors available)



110mm Square



Single Pin Hitch

GUIDE TO DRILLING PERFORMANCE*

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



Double Pin Cradle Hitch



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



Adaptor Plate for 65,000MAX

*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.
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