

AUGER DRIVES MINI EXCAVATOR

0.75 - 3T (1,600lbs - 6,600lbs)



FEATURES

- Compact high torque Digga manufactured gearbox
- Digga designed Eaton motor with integrated pressure relief valve eliminating the need for bulky valve blocks while reducing many potential leak points
- 2 Piece shaft design ensures maximum side load ratings without increasing load on bearings
- 5 year gear box and 3 year motor warranty / lifetime shaft pull-out warranty
- Over 30 years design and manufacturing experience
- Easily converted to a Screw Anchor Drive with the addition of our patented 'Anti Kickback Valve'

	SINGLE SPEED	
MODEL	1DSS	2DSS
Torque ft-lbs @ 3000 Psi	1,467	2,254
Max Torque ft-lbs @ 3500 Psi	1,712	2,630
Recommended Flow (Gpm)	6-16	10-26
Motor Type	EATON	EATON
Max Pressure - Do Not Exceed	3500psi @16gpm	
Max Flow - Do Not Exceed	30gpm @1800psi	
Max Horse Power	33	33
Pressure Relief Valve	Optional	Optional
Standard Output Shaft	2" Hex	2" Hex
Recommended Auger	A4 / RC4	A4 / RC4
Max Drilling Diameter Clay/shale**	12"	24"
Max Drilling Diameter Earth**	14"	30"
Weight (lbs)	101	123
Overall Length (in)	24.5"	25.9"
Diameter (in)	7.4"	9.4"



OUTPUT SPEED & TORQUE

1DSS				2DSS			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
6	38	1,500	734	10	41	1,500	1,127
8	50	1,700	832	12	49	1,700	1,277
10	63	1,900	929	14	57	1,900	1,428
12	75	2,100	1,027	16	65	2,100	1,578
14	88	2,300	1,125	18	73	2,300	1,728
16	100	2,500	1,223	20	82	2,500	1,878
		2,700	1,321	22	90	2,700	2,029
		2,900	1,418	24	98	2,900	2,179
		3,100	1,516	26	106	3,100	2,329
		3,300	1,614			3,300	2,479
		3,500	1,712			3,500	2,630

Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. When determining criteria, & application specific information is required, please contact DIGGA.

(*) Max/min drilling diameter (DIA) dependant on ground conditions. Guide is a recommendation only.

AUGERS TO SUIT 1DSS & 2DSS



FEATURES

- TRU-CUT – a 12" auger cuts a 12" hole, no more oversized holes!
- Over 30 years of auger design and manufacture has resulted in an extremely efficient cutting head design and optimum flight pitches to provide maximum soil removal in all ground conditions.
- Made in the USA
- Easy knock in and out teeth requires no special tools

GENERAL PURPOSE AUGER

- Dig holes in earth conditions and clay
- Available Size, 6" to 60"
- 60" Overall length
- Earth and Tungsten Teeth Available



COMBINATION ROCK & EARTH AUGER

- Dig holes in earth conditions, clay, asphalt, concrete and fracturable rock
- All purpose cutting heads - no more interchanging cutting heads & using multiple augers
- Available Size, 6" to 60"
- 60" Overall length

