

AUGER DRIVES MINI EXCAVATOR 3 - 5T (6,600lbs - 11,000lbs)



FEATURES

- Compact high torque Digga manufactured gearbox
- Digga designed Eaton motor with integrated PRV eliminates the need for bulky valve blocks and reduces 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' (ECV)

SINGLE SPEED			
MODEL	3DSS	4DSS	4DDS
Torque ft-lbs @ 3000 Psi	2,829	3,275	3,583
Max Torque ft-lbs @ 3500 Psi	3,300	3,821	4,180
Recommended Flow (Gpm)	10-30	10-30	10 - 36 GPM
Motor Type	EATON	EATON	EATON
Max Pressure - Do Not Exceed	3500PSI @ 16gpm		3500psi @ 27GPM
Max Flow - Do Not Exceed	30gpm @ 1800psi		42GPM @ 3100psi
Max Horse Power	33	33	55
Pressure Relief Valve (PRV)	Optional	Optional	Included
Standard Output Shaft	2" Hex	2" Hex	2" Hex
HALO (Auger Alignment)	Optional	Optional	Optional
Recommended Auger	A4 / RC4	A4 / RC4	A4 / RC4
Max Drilling Diameter Clay/shale**	24"	24"	24"
Max Drilling Diameter Earth**	30"	30"	40"
Weight (lbs)	123	125	180
Overall Length (in)	25.9"	25.9"	29"
Diameter (in)	9.4"	9.4"	9.4"



3DSS				4DSS				4DDS			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
10	33	1,500	1,414	10	28	1,500	1,638	8	22	1,500	1,791
12	39	1,700	1,603	12	34	1,700	1,856	13	32	1,700	2,030
14	46	1,900	1,792	14	39	1,900	2,074	17	43	1,900	2,269
16	52	2,100	1,980	16	45	2,100	2,293	21	54	2,100	2,508
18	59	2,300	2,169	18	51	2,300	2,511	25	65	2,300	2,747
20	65	2,500	2,357	20	56	2,500	2,730	29	75	2,500	2,986
22	72	2,700	2,546	22	62	2,700	2,948	34	86	2,700	3,225
24	78	2,900	2,735	24	67	2,900	3,166	38	97	2,900	3,463
26	85	3,100	2,923	26	73	3,100	3,385	42	108	3,100	3,702
28	91	3,300	3,112	28	79	3,300	3,603			3,300	3,941
30	98	3,500	3,300	30	84	3,500	3,821			3,500	4,180

OUTPUT SPEED & TORQUE

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 3DSS, 4DSS & 4DDS

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

