

AUGER DRIVES EXCAVATOR / BACKHOE 4.5 - 8T (9,900lbs - 17,600lbs)



2-SPEED AUGER DRIVES

TWO SPEED

MODEL	5DDT	6DDT	7DDT
Torque ft-lbs @ 3000 Psi	4,067	5,012	6,306
Max Torque ft-lbs @ 3500 Psi	4,745	5,847	7,357
Recommended Flow (Gpm)	10-36	10-36	10-36
Motor Type	EATON	EATON	EATON
Max Pressure - Do Not Exceed	3500PSI @ 27gpm		
Max Flow - Do Not Exceed	53gpm @ 1800psi		
Max Horse Power	55	55	55
Pressure Relief Valve	Included	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex	2.5" Hex
Recommended Auger	A6 / RC6	A6 / RC6	A6 / RC6
Max Drilling Diameter Clay/shale**	24"	30"	30"
Max Drilling Diameter Earth**	40"	40"	48"
Weight (lbs)	350	350	350
Overall Length (in)	34.4"	34.4"	34.4"
Diameter (in)	14.4"	14.4"	14.4"

5DDT

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
10	23	34	1,000	1,356	895
20	45	69	1,500	2,034	1,342
30	68	103	2,000	2,711	1,790
36	81	123	2,500	3,389	2,237
			3,000	4,067	2,684
			3,500	4,745	3,132

6DDT

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
10	18	28	1,000	1,671	1,103
20	37	56	1,500	2,506	1,654
30	55	83	2,000	3,341	2,205
36	66	100	2,500	4,177	2,757
			3,000	5,012	3,308
			3,500	5,847	3,859

7DDT

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
10	15	22	1,000	2,102	1,387
20	29	44	1,500	3,153	2,081
30	44	56	2,000	4,204	2,775
36	52	80	2,500	5,255	3,468
			3,000	6,306	4,162
			3,500	7,357	4,856

ESSENTIALLY 2 DRIVE UNITS IN ONE

Save time and money by eliminating the need for multiple drive units.

LOW SPEED - HIGH TORQUE

Ideal for drilling with large diameter augers or hard fracturable rock.

HIGH SPEED - LOW TORQUE

Ideal for small diameter augers or softer soils where speed is needed.

Switch to high speed for added spin off speed for clearing larger diameter augers.

FEATURES

- Compact high torque Digga gearbox
- Fitted with high efficiency Eaton VIS motor
- Integrated PRV (Pressure Relief Valve)
- Extreme duty shaft locking system
- Low maintenance with 5 year gear box and 3 year motor warranty



**FOR BETTER DRILLING ACCURACY
ADD DIGGALIGN** (Sold Separately)



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 5DDT, 6DDT & 7DDT

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

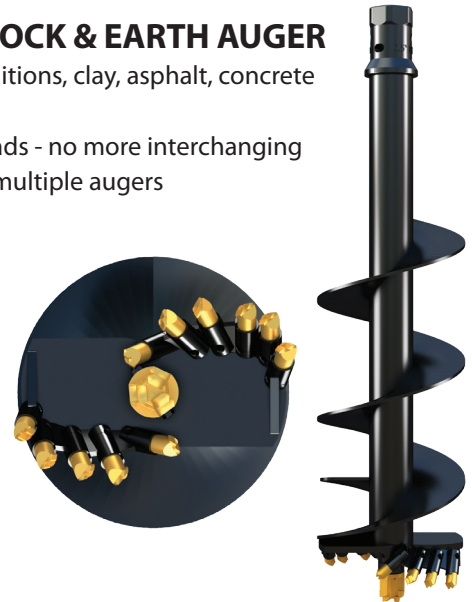
GENERAL PURPOSE AUGER

- 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



SCREW ANCHOR APPLICATIONS

DIGGA OFFERS A FULL RANGE OF 2 SPEED ANCHOR DRIVES SPECIFICALLY DESIGNED FOR HELICAL PILE AND SCREW ANCHORING APPLICATIONS.

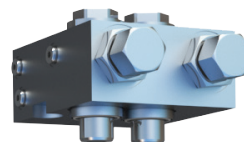
Developed in conjunction with leading screw anchor / helical pile installers around the world, Digga brings you the only true anchor drives available. Designed and manufactured in-house specifically for the rigours of the application.

FEATURES

- Fitted with ECV (Energy Control Valve) to prevent rapid decompression of oil, caused by the reverse energy created by pile kick-back.
- Fitted with high efficiency Eaton VIS motor
- Integrated PRV (Pressure Relief Valve)
- Extreme duty shaft locking system
- Low maintenance with 3 year gearbox and 2 year motor warranty

NOT AVAILABLE FOR RETROFIT ON
2 SPEED DRILLING DRIVES

ENERGY CONTROL VALVE



This revolutionary bypass valve is fitted to the drive to control the rapid decompression of oil caused by pile kick-back during the screw anchoring process.

