AUGER DRIVES
HIGH FLOW SKID STEER LOADER
4.5 - 8T (9,900lbs - 17,600lbs)

2-SPEED AUGER DRIVES

	TWO SPEED	
MODEL	**5DDT**	**6DDT**
Torque ft-lbs @ 3000 Psi	4,067	5,012
Max Torque ft-lbs @ 3500 Psi	4,745	5,847
Recommended Flow (Gpm)	10-36	10-36
Motor Type	EATON	EATON
Max Pressure - Do Not Exceed	3500psi @ 27gpm	
Max Flow - Do Not Exceed	53gpm @ 1800psi	
Max Horse Power	55	55
Pressure Relief Valve	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex
Recommended Auger	A6 / RC6	A6 / RC6
Max Drilling Diameter Clay/shale**	24"	30"
Max Drilling Diameter Earth**	40"	40"
Weight (lbs)	350	350
Overall Length (in)	34.4"	34.4"
Diameter (in)	13.4"	13.4"

FOR BETTER DRILLING ACCURACY ADD DIGGALIGN (Sold Separately)

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

OUTPUT SPEED & TORQUE

5DDT						6DDT					
OUTPUT SPEED			**OUTPUT TORQUE**			**OUTPUT SPEED**			**OUTPUT TORQUE**		
GPM	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	PSI	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	GPM	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	PSI	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
10	23	34	1,000	1,356	895	10	18	28	1,000	1,671	1,103
20	45	69	1,500	2,034	1,342	20	37	56	1,500	2,506	1,654
30	68	103	2,000	2,711	1,790	30	55	83	2,000	3,341	2,205
36	81	123	2,500	3,389	2,237	36	66	100	2,500	4,177	2,757
			3,000	4,067	2,684				3,000	5,012	3,308
			3,500	4,745	3,132				3,500	5,847	3,859

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

FEATURES

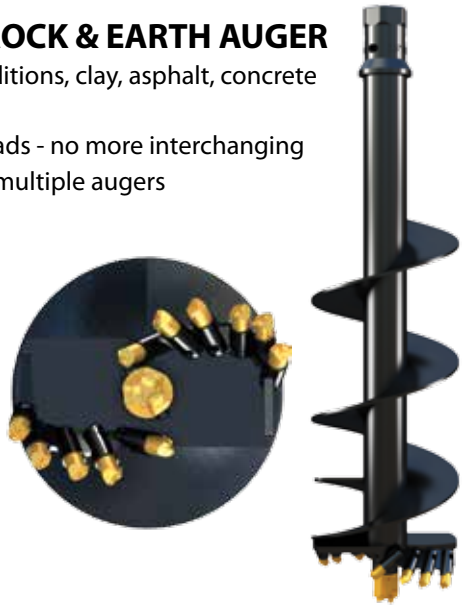
- TRU-CUT – a 12" auger cuts a 12" hole, no more oversized holes!
- Over 30 years of auger design and manufacture has resulted in an extremely efficient cutting head design and optimum flight pitches to provide maximum soil removal in all ground conditions.
- Made in the USA
- Easy knock in and out teeth 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's auger drives can be converted to screw anchor drives in 3 easy steps with the addition of our patented 'Anti Kickback Valve'. The valve controls the rapid decompression of oil which occurs during pile instilation. A pile builds up rotational energy , somewhat like a rubber band on a wind up model plane. The pile momentarily kicks back, forcing energy back up the pile through the drive shaft to the gear box, through the hydraulic motor.
This action momentarily causes the motor to effectively turn into a high speed pump, potentially causing costly motor failure. Fitted to the drive manifold, the Anti Kickback Valve controls this release of energy.

Digga's 5 year gearbox and 3 year motor warranty does not allow to auger drives which are used for screw anchoring and not fitted with an Anti Kickback Valve.

EASY FITMENT OF THE OPTIONAL SWOOSH VALVE FOR SCREW ANCHORING APPLICATIONS