

2 SPEED PLANETARY ANCHOR DRIVES

9,000 FT LBS - 12,000 FT LBS



WHY CHOOSE A 2 SPEED DRIVE?

FEATURES & BENEFITS

WIDER RANGE OF APPLICATIONS

- Offers the best of both worlds: high speed when you need it for those tricky jobs and high torque allowing you to take on that slightly larger job with the same equipment
- Install both small and larger piles with just one drive unit
- It's like owning 2 drives in 1

IMPROVED PRODUCTIVITY

- Use your drive with optimum RPM / Torque for various pile sizes
- Save time and maximize profits by installing smaller piers with more efficiency
 - Begin with high speed / low torque
 - Flick the switch to low speed, high torque to finish off

SIMPLE ELECTRICAL CONNECTION

- Simple 12 or 24 volt coil, just requires connection
- Optional joystick switches, floor mounted switches & cigarette plugs available pre-wired to suit



Need Torque from a lower pressure? No problem.

Two pressure series are available to suit your requirements

Standard pressure series, for machines with 3500 PSI. Low Pressure series, for machines with 3000 PSI

PREMIUM ANCHOR DRIVES

	STANDARD PRESSURE - 3500 PSI	LOW PRESSURE - 3000 PSI	
MODEL	12ADT	9ALT	12ALT
Nominal Torque (FT LBS)	12,028	10,310	12,705
Max Pressure - Do Not Exceed	3500psi @ 29gpm	3000psi @ 27gpm	
Max Flow - Do Not Exceed	53gpm @1950psi	53gpm @1950psi	
Max Horse Power	60	60	60
Pressure Relief Valve	Included	Included	Included
Energy Control Valve	Included	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex	2.5" Hex
Weight (lbs)	485	440	485
Overall Length (in)	39.3"	39.3"	39.3"
Diameter (in)	13.4"	13.4"	13.4"

2 SPEED PLANETARY ANCHOR DRIVES

9,000 FT LBS - 12,000 FT LBS



OUTPUT SPEED & TORQUE

12ADT - STANDARD PRESSURE - 3500 PSI

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	7	11	1,500	5,155	3,402
12	11	16	1,700	5,842	3,856
16	14	22	1,900	6,530	4,310
20	18	27	2,100	7,217	4,763
24	21	32	2,300	7,904	5,217
28	25	38	2,500	8,592	5,670
32	29	43	2,700	9,279	6,124
36	32	49	2,900	9,966	6,578
40	36	54	3,100	10,654	7,031
44	39	59	3,300	11,341	7,485
48	43	65	3,500	12,028	7,939

OPTIONAL EXTRAS

- Ryno Piling cradle
- Drive Linkages
- Excavator Mounts/Hitch
- Diggalign - Pile/Auger Alignment system
- Torque Monitoring - Pressure Differential Guage
- Torque Logic - Pile Alignment / Data Logging system

9ALT - LOW PRESSURE - 3000 PSI

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	7	11	1,000	3,437	2,268
12	11	16	1,200	4,124	2,722
16	14	22	1,400	4,811	3,175
20	18	27	1,600	5,499	3,629
24	21	32	1,800	6,186	4,083
28	25	38	2,000	6,873	4,536
32	29	43	2,200	7,561	4,990
36	32	49	2,400	8,248	5,444
			2,600	8,935	5,897
			2,800	9,623	6,351
			3,000	10,310	6,805

12ALT - LOW PRESSURE - 3000 PSI

GPM	OUTPUT SPEED		PSI	OUTPUT TORQUE	
	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED		HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	6	9	1,000	4,235	2,795
12	9	13	1,200	5,082	3,354
16	12	18	1,400	5,929	3,913
20	14	22	1,600	6,776	4,472
24	17	26	1,800	7,623	5,031
28	20	31	2,000	8,470	5,590
32	23	35	2,200	9,317	6,149
36	26	39	2,400	10,164	6,708
40	29	44	2,600	11,011	7,267
44	32	48	2,800	11,858	7,826
48	35	53	3,000	12,705	8,385

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.