

# 2 SPEED PLANETARY ANCHOR DRIVES

## 20,000 FT LBS - 30,000 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

MODEL	STANDARD PRESSURE - 3500 PSI			LOW PRESSURE - 3000 PSI	
	20ADT	25ADT	30ADT	20ALT	25ALT
Nominal Torque (FT LBS)	20,309	25,027	31,489	21,452	26,991
Max Pressure - Do Not Exceed	3500psi @ 39gpm			3000psi @ 39gpm	
Max Flow - Do Not Exceed	53gpm @ 2600psi			53gpm @ 2600psi	
Max Horse Power	80	80	80	80	80
Pressure Relief Valve	Included	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included	Included
Standard Output Shaft	100mm Square	100mm Square	100mm Square	100mm Square	100mm Square
Weight (lbs)	675	675	675	675	675
Overall Length (in)	49.5"	49.5"	49.5"	49.5"	49.5"
Diameter (in)	14"	14"	14"	14"	14"

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### OUTPUT SPEED & TORQUE

20ADT - STANDARD PRESSURE - 3500 PSI						25ADT - STANDARD PRESSURE - 3500 PSI						30ADT - STANDARD PRESSURE - 3500 PSI					
OUTPUT SPEED			OUTPUT TORQUE			OUTPUT SPEED			OUTPUT TORQUE			OUTPUT SPEED			OUTPUT TORQUE		
GPM	HI TRQ	LO TRQ	PSI	HI TRQ	LO TRQ	GPM	HI TRQ	LO TRQ	PSI	HI TRQ	LO TRQ	GPM	HI TRQ	LO TRQ	PSI	HI TRQ	LO TRQ
8	4	6	1,500	8,704	5,745	8	3	5	1,500	10,726	7,079	8	3	4	1,500	13,495	8,907
12	6	10	1,700	9,864	6,510	12	5	8	1,700	12,156	8,023	12	4	6	1,700	15,295	10,094
16	8	13	1,900	11,025	7,276	16	7	10	1,900	13,586	8,967	16	5	8	1,900	17,094	11,282
20	11	16	2,100	12,185	8,042	20	9	13	2,100	15,016	9,911	20	7	10	2,100	18,893	12,470
24	13	19	2,300	13,346	8,808	24	10	16	2,300	16,446	10,855	24	8	12	2,300	20,693	13,657
28	15	22	2,500	14,506	9,574	28	12	18	2,500	17,876	11,798	28	10	14	2,500	22,492	14,845
32	17	26	2,700	15,667	10,340	32	14	21	2,700	19,307	12,742	32	11	17	2,700	24,292	16,032
36	19	29	2,900	16,827	11,106	36	15	23	2,900	20,737	13,686	36	12	19	2,900	26,091	17,220
40	21	32	3,100	17,988	11,872	40	17	26	3,100	22,167	14,630	40	14	21	3,100	27,890	18,408
44	23	35	3,300	19,148	12,638	44	19	29	3,300	23,597	15,574	44	15	23	3,300	29,690	19,595
48	25	38	3,500	20,309	13,404	48	21	31	3,500	25,027	16,518	48	16	25	3,500	31,489	20,783

20ALT - LOW PRESSURE - 3000 PSI					
OUTPUT SPEED			OUTPUT TORQUE		
GPM	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	PSI	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	3	5	1,000	7,151	4,719
12	5	8	1,200	8,581	5,663
16	7	10	1,400	10,011	6,607
20	9	13	1,600	11,441	7,551
24	10	16	1,800	12,871	8,495
28	12	18	2,000	14,301	9,439
32	14	21	2,200	15,731	10,383
36	15	23	2,400	17,161	11,327
40	17	26	2,600	18,592	12,270
44	19	29	2,800	20,022	13,214
48	21	31	3,000	21,452	14,158

25ALT - LOW PRESSURE - 3000 PSI					
OUTPUT SPEED			OUTPUT TORQUE		
GPM	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	PSI	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	3	4	1,000	8,997	5,938
12	4	6	1,200	10,796	7,126
16	5	8	1,400	12,596	8,313
20	7	10	1,600	14,395	9,501
24	8	12	1,800	16,194	10,688
28	10	14	2,000	17,994	11,876
32	11	17	2,200	19,793	13,063
36	12	19	2,400	21,592	14,251
40	14	21	2,600	23,392	15,439
44	15	23	2,800	25,191	16,626
48	16	25	3,000	26,991	17,814

# 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

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.