



**PRODUCT CATALOG**



# SCREW ANCHOR DRIVES HAND-HELD



**MM-10K MOUNTS AVAILABLE TO SUIT STAND ON MINI EXCAVATORS UP TO 3.5T**

Lightweight hand-held screw anchor drive for the installation of screw piles in confined or low access sites such as crawl spaces. This unit can be powered by portable hydraulic power packs.

## FEATURES

- Compact high torque Digga manufactured gearbox
- Lightweight and compact for ease of movement in confined spaces
- Fitted with a high efficiency Eaton/Digga geroler hydraulic motor
- Motor mounted pressure relief valve fitted standard (HH-6K)
- Over 34 years design and manufacturing experience
- 1yr gearbox and 1yr motor warranty

## SPECIFICATIONS

MODEL	HH-6K	MM-10K
Theoretical Torque (ft-lbs)	6,528 @ 2,100psi	10,478 @ 3,000psi
Expected Torque (ft-lbs)	4,765 @ 2,100psi (73% efficiency)	8,040 @ 3,000psi (77% efficiency)
Max Pressure	2,100psi @ 11gpm	3,000psi @ 18.5gpm
Max Flow	15gpm @ 2300psi	18.5gpm @ 3000psi
Max Horse Power	20	33
Pressure Relief Valve	Included	NA
Standard Output Shaft	2" Hex	2.5" Hex-Short
Weight (lbs)	90	138
Overall Length (in)	20"	24.1"
Diameter (in)	9.5"	11.4"

HH-6K Hand-held unit is not suitable for machine mounting. Warranty void if used on machines.

## OUTPUT SPEED & TORQUE

HH-6K				MM-10K			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
7	7	500	1,554	7	6	500	1,746
8	8	750	2,331	8	7	1,000	3,493
9	9	1,000	3,108	9	8	1,500	5,239
10	10	1,250	3,886	10	9	2,000	6,985
11	11	1,500	4,663	11	10	2,500	8,732
12	12	1,750	5,440	12	11	3,000	10,478
13	13	2,000	6,217	13	11		
14	14	2,100	6,528	14	12		
15	15			15	13		
				16	14		
				17	15		
				18	16		

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.

# PLANETARY ANCHOR DRIVE

Mini Machines and Mini Excavators up to 3.5T  
10,000 FT LBS



Developed in conjunction with the leading Screw Anchor/Pile installers around the world. The only true Anchor Drives available, designed & manufactured inhouse by Digga, specifically for the rigours of the application. Host machine operates in the most efficient HP range, minimizing wear & tear, to optimize performance & ensure highest returns.

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- Over 34 years design and manufacturing experience
- 1yr gearbox and 1yr motor warranty

## TO SUIT:

- *Stand on Mini Machines with ROC 600lbs minimum*
- *Mini Excavators up to 3.5T*



SPECIFICATIONS			OUTPUT SPEED AND TORQUE			
MODEL	MM-10K		OUTPUT SPEED		OUTPUT TORQUE	
Theoretical Torque (ft-lbs)	10,478 @ 3,000psi		GPM	RPM	PSI	FT-LBS
Expected Torque-77% efficiency (ft-lbs)	8,040 @ 3,000psi		7	6	500	1,746
Max Pressure	3,000psi @ 18.5gpm		8	7	1,000	3,493
Max Flow	18.5gpm @ 3000psi		9	8	1,500	5,239
Max Horse Power	33		10	9	2,000	6,985
Pressure Relief Valve	NA		11	10	2,500	8,732
Standard Output Shaft	2.5" Hex-Short		12	11	3,000	10,478
<b>Mount Specifications</b>	<b>Mini Machine</b>	<b>Mini Excavator</b>	13	11		
Overall Weight (lbs)	150	172	14	12		
Height (in)	24"	26.4"	15	13		
Width (in)	24.21"	16.4"	16	14		
			17	15		
			18	16		

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# PLANETARY ANCHOR DRIVES

## 5,000 FT LBS - 7,000 FT LBS



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### FEATURES

- High efficiency EATON/DIGGA bell geroler hydraulic motors with integrated Pressure Relief Valve ensures max volumetric efficiency for consistent & efficient pile installation throughout the working day
- More linear feet in the ground = greater returns
- ECV (Energy Control Valve) to prevent rapid decompression of oil, caused by the reverse energy created by Pile Kick-back
- Engineered hood & ears for maximum strength
- Extreme duty shaft retaining system
- No Case Drain required
- 3yr Gearbox & 2yr Motor Warranty



*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	5ADS	6ADS	7ADS	7ALS
Nominal Torque (FT LBS)	4,553	5,728	7,189	7,166
Max Pressure - Do Not Exceed	3500psi @ 27gpm	3500psi @ 27gpm	3500psi @ 27gpm	3000psi @ 27gpm
Max Flow - Do Not Exceed	55gpm @1700psi	55gpm @1700psi	55gpm @1700psi	55gpm @1700psi
Max Horse Power	55	55	55	55
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex	2.5" Hex	2.5" Hex
Weight (lbs)	288	288	288	288
Overall Length (in)	33.7"	33.7"	33.7"	33.7"
Diameter (in)	11.4"	11.4"	11.4"	11.4"

## OPTIONAL EXTRAS

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

# PLANETARY ANCHOR DRIVES

## 5,000 FT LBS - 7,000 FT LBS



### OUTPUT SPEED & TORQUE

5ADS - STANDARD PRESSURE - 3500 PSI				6ADS - STANDARD PRESSURE - 3500 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
6	14	1,500	1,950	6	11	1,500	2,450
8	19	1,700	2,210	8	15	1,700	2,780
10	24	1,900	2,470	10	19	1,900	3,110
12	28	2,100	2,730	12	22	2,100	3,435
14	33	2,300	2,990	14	26	2,300	3,760
16	38	2,500	3,250	16	30	2,500	4,090
18	42	2,700	3,510	18	34	2,700	4,420
20	47	2,900	3,770	20	37	2,900	4,745
22	52	3,200	4,030	22	41	3,200	5,070
24	57	3,300	4,290	24	45	3,300	5,400
26	61	3,500	4,600	26	49	3,500	5,700
28	66			28	52		
30	71			30	56		
32	75			32	60		
34	80			34	54		
36	85			36	67		

7ADS - STANDARD PRESSURE - 3500 PSI				7ALS - LOW PRESSURE - 3000 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
6	9	1,500	3,080	6	8	1 000	2,389
8	12	1,700	3,490	8	10	1 200	2,866
10	15	1,900	3,900	12	15	1 400	3,344
12	18	2,100	4,315	16	21	1 600	3,822
14	21	2,300	4,725	20	26	1 800	4,299
16	24	2,500	5,135	24	31	2 000	4,777
18	27	2,700	5,545	28	36	2 200	5,255
20	30	2,900	5,955	32	41	2 400	5,732
22	33	3,200	6,370	36	46	2 600	6,210
24	36	3,300	6,780			2 800	6,688
26	39	3,500	7,200			3 000	7,166
28	42						
30	45						
32	48						
34	51						
36	54						

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# PLANETARY ANCHOR DRIVES

## 9,000 FT LBS - 12,000 FT LBS



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### FEATURES

- High efficiency EATON/DIGGA bell geroler hydraulic motors with integrated Pressure Relief Valve ensures max volumetric efficiency for consistent & efficient pile installation throughout your working day
- More linear feet in the ground = greater returns
- ECV (Energy Control Valve) to prevent rapid decompression of oil, caused by the reverse energy created by Pile Kick-back
- Engineered hood & ears for maximum strength
- Extreme duty shaft retaining system
- No Case Drain required
- 3yr Gearbox & 2yr Motor Warranty



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### PREMIUM ANCHOR DRIVES

MODEL	STANDARD PRESSURE - 3500 PSI		LOW PRESSURE - 3000 PSI	
	9ADS	12ADS	9ALS	12ALS
Nominal Torque (FT LBS)	9,112	11,542	9,893	12,445
Max Pressure - Do Not Exceed	3500psi @ 29gpm	3500psi @ 29gpm	3000psi @ 29gpm	3000psi @ 29gpm
Max Flow - Do Not Exceed	55gpm @ 1800psi	55gpm @ 1800psi	55gpm @ 1800psi	55gpm @ 1800psi
Max Horse Power	60	60	60	60
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex	2.5" Hex	2.5" Hex
Weight (lbs)	351	351	351	351
Overall Length (in)	37.2"	37.2"	37.2"	37.2"
Diameter (in)	11.4"	11.4"	11.4"	11.4"

## OPTIONAL EXTRAS

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

# PLANETARY ANCHOR DRIVES

## 9,000 FT LBS - 12,000 FT LBS



### OUTPUT SPEED & TORQUE

9ADS - STANDARD PRESSURE - 3500 PSI				12ADS - STANDARD PRESSURE - 3500 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
8	9	1,500	3,905	8	7	1,500	4,945
10	12	1,700	4,425	10	9	1,700	5,605
12	14	1,900	4,945	12	11	1,900	6,265
14	16	2,100	5,465	14	13	2,100	6,925
16	19	2,300	5,990	16	15	2,300	7,585
18	21	2,500	6,510	18	17	2,500	8,245
20	24	2,700	7,030	20	19	2,700	8,905
24	26	2,900	7,550	24	20	2,900	9,565
26	28	3,200	8,070	26	22	3,200	10,225
28	31	3,300	8,590	28	24	3,300	10,880
30	33	3,500	9,110	30	26	3,500	11,500
32	38			32	30		
34	40			34	32		
36	42			36	33		
38	45			38	35		
40	47			40	37		
42	49			42	39		
44	52			44	41		
46	54			46	43		

9ALS - LOW PRESSURE - 3000 PSI				12ALS - LOW PRESSURE - 3000 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
8	7	1 000	3 298	8	6	1 000	4 148
12	11	1 200	3 957	12	9	1 200	4 978
16	15	1 400	4 617	16	12	1 400	5 808
20	19	1 600	5 276	20	15	1 600	6 637
24	22	1 800	5 936	24	18	1 800	7 467
28	26	2 000	6 596	28	21	2 000	8 296
32	30	2 200	7 255	32	24	2 200	9 126
36	33	2 400	7 915	36	27	2 400	9 956
40	37	2 600	8 574	40	30	2 600	10 785
44	41	2 800	9 234	44	33	2 800	11 615
48	42	3 000	9 893	48	35	3 000	12 445

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# PLANETARY ANCHOR DRIVES

## 13,000 FT LBS - 16,000 FT LBS



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- No Case Drain required
- 3yr Gearbox & 2yr Motor Warranty



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### PREMIUM ANCHOR DRIVES

MODEL	STANDARD PRESSURE - 3500 PSI		LOW PRESSURE - 3000 PSI	
	13ADS	16ADS	13ALS	16ALS
Nominal Torque (FT LBS)	12,808	16,111	13,810	17,334
Max Pressure - Do Not Exceed	3500psi @ 33gpm	3500psi @ 33gpm	3000psi @ 33gpm	3000psi @ 33gpm
Max Flow - Do Not Exceed	61gpm @ 1800psi	61gpm @ 1800psi	61gpm @ 1800psi	61gpm @ 1800psi
Max Horse Power	67	67	67	67
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	3" Hex	3" Hex	3" Hex	3" Hex
Weight (lbs)	392	392	392	392
Overall Length (in)	39.6"	39.6"	39.6"	39.6"
Diameter (in)	11.4"	11.4"	11.4"	11.4"

## 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



# PLANETARY ANCHOR DRIVES

## 13,000 FT LBS - 16,000 FT LBS



### OUTPUT SPEED & TORQUE

13ADS - STANDARD PRESSURE - 3500 PSI				16ADS - STANDARD PRESSURE - 3500 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
12	10	1,500	5,490	12	8	1,500	6,960
14	12	1,700	6,220	14	9	1,700	7,885
16	13	1,900	6,955	16	11	1,900	8,815
18	15	2,100	7,685	18	12	2,100	9,740
20	17	2,300	8,415	20	13	2,300	10,670
22	18	2,500	9,150	22	15	2,500	11,600
24	20	2,700	9,880	24	16	2,700	12,525
26	22	2,900	10,615	26	17	2,900	13,455
28	23	3,200	11,345	28	19	3,200	14,380
30	25	3,300	12,075	30	20	3,300	15,310
32	27	3,500	12,800	32	21	3,500	16,200
34	28			34	23		
36	30			36	24		
38	32			38	25		
40	34			40	27		
42	35			42	28		
44	37			44	29		
46	39			46	31		
48	40			48	32		
50	42			50	33		
52	44			52	35		
54	45			54	36		
56	47			56	37		

13ALS - LOW PRESSURE - 3000 PSI				16ALS - LOW PRESSURE - 3000 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
12	8	1 000	4 603	12	6	1 000	5 778
16	11	1 200	5 524	16	8	1 200	6 934
20	13	1 400	6 444	20	11	1 400	8 089
24	16	1 600	7 365	24	13	1 600	9 245
28	19	1 800	8 286	28	15	1 800	10 401
32	21	2 000	9 206	32	17	2 000	11 556
36	24	2 200	10 127	36	19	2 200	12 712
40	27	2 400	11 048	40	21	2 400	13 867
44	29	2 600	11 968	44	23	2 600	15 023
48	32	2 800	12 889	48	25	2 800	16 179
53	35	3 000	13 810	53	28	3 000	17 334

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# PLANETARY ANCHOR DRIVES

## 20,000 FT LBS - 30,000 FT LBS



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### PREMIUM ANCHOR DRIVES

MODEL	STANDARD PRESSURE - 3500 PSI			LOW PRESSURE - 3000 PSI	
	20ADS	25ADS	30ADS	20ALS	25ALS
Nominal Torque (FT LBS)	19,488	24,514	30,771	21,012	26,375
Max Pressure - Do Not Exceed	3500psi @ 33gpm	3500psi @ 33gpm	3500psi @ 33gpm	3000psi @ 33gpm	3000psi @ 33gpm
Max Flow - Do Not Exceed	61gpm @1800psi	61gpm @1800psi	61gpm @1800psi	61gpm @1800psi	61gpm @1800psi
Max Horse Power	67	67	67	67	67
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)	637	637	637	637	637
Overall Length (in)	45.3"	45.3"	45.3"	45.3"	45.3"
Diameter (in)	14"	14"	14"	14"	14"

## OPTIONAL EXTRAS

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

# PLANETARY ANCHOR DRIVES

## 20,000 FT LBS - 30,000 FT LBS



### OUTPUT SPEED & TORQUE

20ADS - STANDARD PRESSURE - 3500 PSI				25ADS - STANDARD PRESSURE - 3500 PSI				30ADS - STANDARD PRESSURE - 3500 PSI			
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
20	11	1,500	8,340	20	9	1,500	10,550	20	7	1,500	13,185
22	12	1,700	9,450	22	10	1,700	11,955	22	8	1,700	14,945
24	13	1,900	10,565	24	11	1,900	13,365	24	8	1,900	16,705
26	14	2,100	11,675	26	11	2,100	14,770	26	9	2,100	18,460
28	15	2,300	12,790	28	12	2,300	16,175	28	10	2,300	20,220
30	17	2,500	13,900	30	13	2,500	17,580	30	10	2,500	21,980
32	18	2,700	15,010	32	14	2,700	18,990	32	11	2,700	23,735
34	19	2,900	16,125	34	15	2,900	20,395	34	12	2,900	25,495
36	20	3,200	17,235	36	16	3,200	21,800	36	13	3,200	27,255
38	21	3,300	18,340	38	17	3,300	23,210	38	13	3,300	29,010
40	22	3,500	19,500	40	18	3,500	24,600	40	14	3,500	30,800
42	23			42	18			42	15		
44	24			44	19			44	15		
46	25			46	20			46	16		
48	26			48	21			48	17		
50	28			50	22			50	17		
52	29			52	23			52	18		
54	30			54	24			54	19		
56	31			56	25			56	20		

20ALS - LOW PRESSURE - 3000 PSI				25ALS - LOW PRESSURE - 3000 PSI			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
12	5	1 000	7 004	12	4	1 000	8 792
16	7	1 200	8 405	16	6	1 200	10 550
20	9	1 400	9 806	20	7	1 400	12 308
24	11	1 600	11 207	24	8	1 600	14 067
28	12	1 800	12 607	28	10	1 800	15 825
32	14	2 000	14 008	32	11	2 000	17 583
36	16	2 200	15 409	36	13	2 200	19 342
40	18	2 400	16 810	40	14	2 400	21 100
44	19	2 600	18 211	44	15	2 600	22 858
48	21	2 800	19 611	48	17	2 800	24 617
53	23	3 000	21 012	53	18	3 000	26 375

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# 2 SPEED PLANETARY ANCHOR DRIVES

## 5,000 FT LBS - 7,000 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



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### PREMIUM ANCHOR DRIVES

	STANDARD PRESSURE - 3500 PSI			LOW PRESSURE - 3000 PSI
MODEL	5ADT	6ADT	7ADT	7ALT
Nominal Torque (FT LBS)	4,745	5,847	7,357	7,333
Max Pressure - Do Not Exceed	3500psi @ 27gpm			3000psi @ 27gpm
Max Flow - Do Not Exceed	53gpm @1800psi			53gpm @1800psi
Max Horse Power	55	55	55	55
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	2.5" Hex	2.5" Hex	2.5" Hex	2.5" Hex
Weight (lbs)	400	400	400	400
Overall Length (in)	37.9"	37.9"	37.9"	37.9"
Diameter (in)	13.4"	13.4"	13.4"	13.4"

# 2 SPEED PLANETARY ANCHOR DRIVES

## 5,000 FT LBS - 7,000 FT LBS



### OUTPUT SPEED & TORQUE

#### 5ADT - 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	18	27	1,500	2,034	1,342
12	27	41	1,700	2,305	1,521
16	36	55	1,900	2,576	1,700
20	45	69	2,100	2,847	1,879
24	54	82	2,300	3,118	2,058
28	63	96	2,500	3,389	2,237
32	72	110	2,700	3,660	2,416
36	81	123	2,900	3,932	2,595
			3,100	4,203	2,774
			3,300	4,474	2,953
			3,500	4,745	3,132

#### 6ADT - 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	15	22	1,000	2,506	1,654
12	22	33	1,200	2,840	1,875
16	29	44	1,400	3,174	2,095
20	37	56	1,600	3,508	2,316
24	44	67	1,800	3,843	2,536
28	51	78	2,000	4,177	2,757
32	59	89	2,200	4,511	2,977
36	66	100	2,400	4,845	3,198
			2,600	5,179	3,418
			2,800	5,513	3,639
			3,000	5,847	3,859

#### 7ADT - 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	12	18	1,500	3,153	2,081
12	17	27	1,700	3,574	2,359
16	23	35	1,900	3,994	2,636
20	29	44	2,100	4,414	2,913
24	35	53	2,300	4,835	3,191
28	41	62	2,500	5,255	3,468
32	47	71	2,700	5,676	3,746
36	52	80	2,900	6,096	4,023
			3,100	6,516	4,301
			3,300	6,937	4,578
			3,500	7,357	4,856

#### 7ALT - 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	10	15	1,000	2,444	1,613
12	15	23	1,200	2,933	1,936
16	20	30	1,400	3,422	2,259
20	25	38	1,600	3,911	2,581
24	30	46	1,800	4,400	2,904
28	35	53	2,000	4,889	3,226
32	40	61	2,200	5,377	3,549
36	45	68	2,400	5,866	3,872
			2,600	6,355	4,194
			2,800	6,844	4,517
			3,000	7,333	4,840

## OPTIONAL EXTRAS

- Ryno Piling cradle
- Drive Linkages
- Excavator Mounts/Hitch
- Diggalign - Pile/Auger Alignment system
- Torque Monitoring - Pressure Differential Gauge
- 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.

# 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 Gauge
- 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.

# 2 SPEED PLANETARY ANCHOR DRIVES

## 13,000 FT LBS - 16,000 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	
	13ADT	16ADT	13ALT	16ALT
Nominal Torque (FT LBS)	13,347	16,448	14,098	17,739
Max Pressure - Do Not Exceed	3500psi @ 33gpm		3000psi @ 33gpm	
Max Flow - Do Not Exceed	53gpm @ 2200psi		53gpm @ 2200psi	
Max Horse Power	67	67	67	67
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	3" Hex	3" Hex	3" Hex	3" Hex
Weight (lbs)	485	485	485	485
Overall Length (in)	42.1"	42.1"	42.1"	42.1"
Diameter (in)	13.4"	13.4"	13.4"	13.4"



# 2 SPEED PLANETARY ANCHOR DRIVES

## 13,000 FT LBS - 16,000 FT LBS



### OUTPUT SPEED & TORQUE

#### 13ADT - 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	6	10	1,500	5,720	3,775
12	10	15	1,700	6,483	4,279
16	13	19	1,900	7,246	4,782
20	16	24	2,100	8,008	5,286
24	19	29	2,300	8,771	5,789
28	23	34	2,500	9,534	6,292
32	26	39	2,700	10,297	6,796
36	29	44	2,900	11,059	7,299
40	32	49	3,100	11,822	7,802
44	35	54	3,300	12,585	8,306
48	39	58	3,500	13,347	8,809

#### 16ADT - 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	5	8	1,500	7,049	4,652
12	8	12	1,700	7,989	5,273
16	10	16	1,900	8,929	5,893
20	13	20	2,100	9,869	6,513
24	16	24	2,300	10,809	7,134
28	18	28	2,500	11,749	7,754
32	21	32	2,700	12,689	8,374
36	23	36	2,900	13,629	8,995
40	26	40	3,100	14,568	9,615
44	29	43	3,300	15,508	10,235
48	31	47	3,500	16,448	10,856

#### 13ALT - 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	5	8	1,000	4,699	3,102
12	8	12	1,200	5,639	3,722
16	10	16	1,400	6,579	4,342
20	13	20	1,600	7,519	4,963
24	16	24	1,800	8,459	5,583
28	18	28	2,000	9,399	6,203
32	21	32	2,200	10,339	6,824
36	23	36	2,400	11,279	7,444
40	26	40	2,600	12,219	8,064
44	29	43	2,800	13,159	8,685
48	31	47	3,000	14,098	9,305

#### 16ALT - 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	4	6	1,000	5,913	3,903
12	6	9	1,200	7,095	4,683
16	8	13	1,400	8,278	5,464
20	10	16	1,600	9,461	6,244
24	12	19	1,800	10,643	7,025
28	15	22	2,000	11,826	7,805
32	17	25	2,200	13,008	8,586
36	19	28	2,400	14,191	9,366
40	21	31	2,600	15,374	10,147
44	23	35	2,800	16,556	10,927
48	25	38	3,000	17,739	11,708

## 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.

# 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"

# 2 SPEED PLANETARY ANCHOR DRIVES

## 20,000 FT LBS - 30,000 FT LBS



### 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

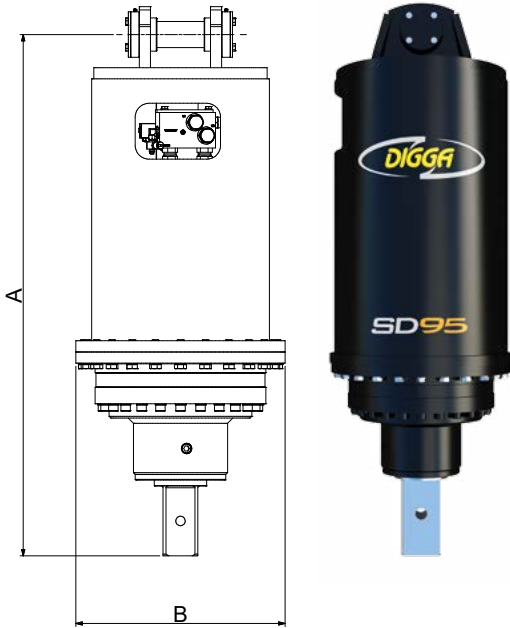
25ALT - LOW PRESSURE - 3000 PSI					
OUTPUT SPEED			OUTPUT TORQUE		
GPM	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED	PSI	HI TORQUE LOW SPEED	LO TORQUE HIGH SPEED
8	3	4	1,000	8,997	5,938
12	4	6	1,200	10,796	7,126
16	5	8	1,400	12,596	8,313
20	7	10	1,600	14,395	9,501
24	8	12	1,800	16,194	10,688
28	10	14	2,000	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.

# ANCHOR DRIVES SUPA DRIVE 15 - 30T (30,000 ft-lbs - 70,000 ft-lbs)



Developed in conjunction with the leading Screw Anchor/Pile installers around the world. The only true Anchor Drives available, designed & manufactured specifically for the rigours of the application. Host machine operates in the most efficient HP range, minimising wear & tear and optimizing performance & returns.

## FEATURES

- 2 speed drive system
- Highest volumetrically efficient motors available, ensure consistent & efficient pile installation throughout the working day
- Compact, High Quality, Digga made gearbox
- Built-in PRV (pressure relief valve) standard
- ECV (Energy Control relief Valve) to prevent rapid decompression of oil, caused by the reverse energy created by pile Kick-back
- Engineered hood & ears for maximum strength
- Extreme duty shaft locking system
- No complex hoses, valving or filtration
- 1yr Gearbox & 1yr Motor Warranty

	SUPA DRIVES				
MODEL	SD 45	SD 50	SD 70	SD 80	SD 95
Maximum Torque (ft-lbs)	32,892	38,569	50,465	60,828	67,675
Max Flow (Gpm)	100 GPM @ 3,500 PSI				
Maximum Pressure - Do Not Exceed	3,500 PSI @100 GPM				
Maximum Horse Power	201	201	201	201	201
Motor Type	Radial Piston	Radial Piston	Radial Piston	Radial Piston	Radial Piston
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)	1848	1843	1843	1843	1859
Overall Length (in)	50.9"	50.9"	50.9"	50.9"	50.9"
Diameter (in)	23.6"	23.6"	23.6"	23.6"	23.6"



# ANCHOR DRIVES SUPA DRIVE

## 15 - 30T (30,000 ft-lbs - 70,000 ft-lbs)



### OUTPUT TORQUE

PSI	SD 45		SD 50		SD 70		SD 80		SD 95	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
700	6,578	3,289	7,714	3,857	10,093	5,046	12,166	6,083	13,535	6,768
800	7,518	3,759	8,816	4,408	11,535	5,767	13,904	6,952	15,469	7,734
900	8,458	4,229	9,918	4,959	12,977	6,488	15,641	7,821	17,402	8,701
1,000	9,398	4,699	11,020	5,510	14,418	7,209	17,379	8,690	19,336	9,668
1,100	10,338	5,169	12,122	6,061	15,860	7,930	19,117	9,559	21,269	10,635
1,200	11,277	5,639	13,224	6,612	17,302	8,651	20,855	10,428	23,203	11,601
1,300	12,217	6,109	14,326	7,163	18,744	9,372	22,593	11,297	25,136	12,568
1,400	13,157	6,578	15,428	7,714	20,186	10,093	24,331	12,166	27,070	13,535
1,500	14,097	7,048	16,530	8,265	21,628	10,814	26,069	13,035	29,004	14,502
1,600	15,036	7,518	17,632	8,816	23,070	11,535	27,807	13,904	30,937	15,469
1,700	15,976	7,988	18,734	9,367	24,511	12,256	29,545	14,773	32,871	16,435
1,800	16,916	8,458	19,836	9,918	25,953	12,977	31,283	15,641	34,804	17,402
1,900	17,856	8,928	20,938	10,469	27,395	13,698	33,021	16,510	36,738	18,369
2,000	18,796	9,398	22,040	11,020	28,837	14,418	34,759	17,379	38,672	19,336
2,100	19,735	9,868	23,142	11,571	30,279	15,139	36,497	18,248	40,605	20,303
2,200	20,675	10,338	24,244	12,122	31,721	15,860	38,235	19,117	42,539	21,269
2,300	21,615	10,807	25,346	12,673	33,163	16,581	39,973	19,986	44,472	22,236
2,400	22,555	11,277	26,448	13,224	34,604	17,302	41,711	20,855	46,406	23,203
2,500	23,494	11,747	27,550	13,775	36,046	18,023	43,449	21,724	48,339	24,170
2,600	24,434	12,217	28,652	14,326	37,488	18,744	45,187	22,593	50,273	25,136
2,700	25,374	12,687	29,754	14,877	38,930	19,465	46,924	23,462	52,207	26,103
2,800	26,314	13,157	30,856	15,428	40,372	20,186	48,662	24,331	54,140	27,070
2,900	27,254	13,627	31,958	15,979	41,814	20,907	50,400	25,200	56,074	28,037
3,000	28,193	14,097	33,060	16,530	43,255	21,628	52,138	26,069	58,007	29,004
3,100	29,133	14,567	34,162	17,081	44,697	22,349	53,876	26,938	59,941	29,970
3,200	30,073	15,036	35,264	17,632	46,139	23,070	55,614	27,807	61,874	30,937
3,300	31,013	15,506	36,366	18,183	47,581	23,791	57,352	28,676	63,808	31,904
3,500	32,892	16,446	38,569	19,285	50,465	25,232	60,828	30,414	67,675	33,838

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.

# ANCHOR DRIVES SUPA DRIVE

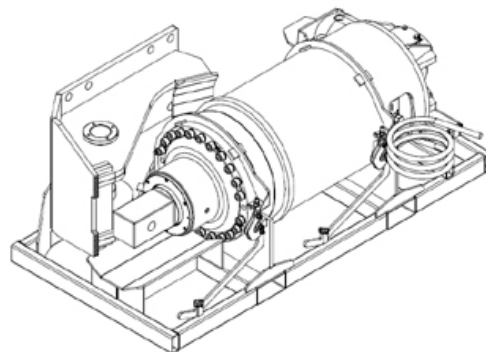
15 - 30T (30,000 ft-lbs - 70,000 ft-lbs)



## OUTPUT SPEED

GPM	SD 45		SD 50		SD 70		SD 80		SD 95	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
8	3	5	2	4	2	3	1	3	1	3
12	4	8	3	7	3	5	2	4	2	4
16	5	10	4	9	3	7	3	6	3	5
20	7	13	6	11	4	9	4	7	3	6
24	8	16	7	13	5	10	4	8	4	8
28	9	18	8	16	6	12	5	10	4	9
32	10	21	9	18	7	14	6	11	5	10
36	12	23	10	20	8	15	6	13	6	11
40	13	26	11	22	9	17	7	14	6	13
44	14	29	12	24	9	19	8	16	7	14
48	16	31	13	27	10	20	8	17	8	15
52	17	34	14	29	11	22	9	18	8	16
56	18	37	16	31	12	24	10	20	9	18
60	20	39	17	33	13	26	11	21	10	19
64	21	42	18	36	14	27	11	23	10	20
68	22	44	19	38	14	29	12	24	11	22
72	23	47	20	40	15	31	13	25	11	23
76	25	50	21	42	16	32	13	27	12	24
80	26	52	22	45	17	34	14	28	13	25
84	27	55	23	47	18	36	15	30	13	27
88	29	57	24	49	19	37	16	31	14	28
92	30	60	26	51	20	39	16	32	15	29
96	31	63	27	53	20	41	17	34	15	30
100	33	65	28	56	21	43	18	35	16	32

Safe & Secure optional  
storage & transport  
cradles available



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.



# ANCHOR DRIVES MEGA DRIVE

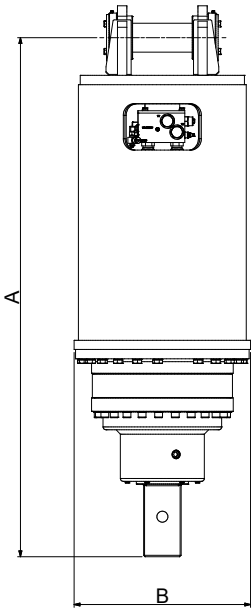
## 25 - 40T (80,000 ft-lbs - 150,000 ft-lbs)



Developed in conjunction with the leading Screw Anchor/Pile installers around the world. The only true Anchor Drives available, designed & manufactured specifically for the rigours of the application. Digga's Mega Drive range helps the host machine to operate in the most efficient HP range, minimizing wear & tear whilst optimizing performance and return on your investment.

### FEATURES

- 2 Speed drive system
- Compact high torque Digga manufactured gearbox
- Engineered hood & ears for maximum strength
- Extreme duty shaft locking system
- No complex hoses, valving or filtration
- Built-in Pressure Relief Valve standard
- Energy Control relief Valve - Prevents rapid decompression of oil caused by the reverse energy created by pile kick-back
- The highest volumetrically efficient motor available - Maintain consistent and efficient pile installation throughout your working day
- 1yr Gearbox & 1yr Motor Warranty



	MEGA DRIVES		
MODEL	MD 110	MD 160	MD 190
Maximum Torque (ft-lbs)	84,873	125,648	147,335
Max Flow (Gpm)	100 GPM @ 3,500 PSI		
Maximum Pressure - Do Not Exceed	3,500 PSI @100 GPM		
Maximum Horse Power	201	201	201
Motor Type	Radial Piston	Radial Piston	Radial Piston
Pressure Relief Valve	Included	Included	Included
Energy Control Valve	Included	Included	Included
Standard Output Shaft	130mm Square	130mm Square	130mm Square
Weight (lbs)	2267	2626	2633
Overall Length (in)	64	70	70
Diameter (in)	24	24	24



# ANCHOR DRIVES MEGA DRIVE

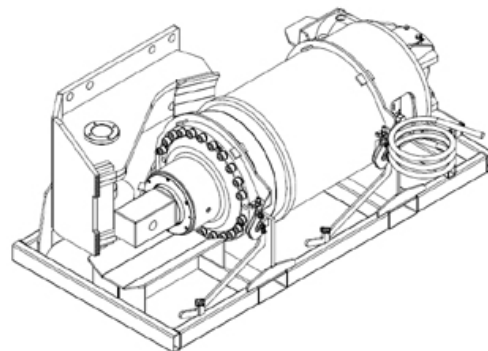
## 25 - 40T (80,000 ft-lbs - 150,000 ft-lbs)



OUTPUT SPEED						
GPM	MD 110		MD 160		MD 190	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
8	1	2	1	1	1	1
12	2	3	1	2	1	2
16	2	4	1	3	1	2
20	3	5	2	3	1	3
24	3	6	2	4	2	3
28	4	7	2	5	2	4
32	4	8	3	5	2	5
36	5	9	3	6	3	5
40	5	10	3	7	3	6
44	6	11	4	8	3	6
48	6	12	4	8	3	7
52	7	13	4	9	4	8
56	7	14	5	10	4	8
60	8	15	5	10	4	9
64	8	16	5	11	5	9
68	9	17	6	12	5	10
72	9	18	6	12	5	10
76	10	19	6	13	6	11
80	10	20	7	14	6	12
84	11	21	7	14	6	12
88	11	22	8	15	6	13
92	12	23	8	16	7	13
96	12	24	8	16	7	14
100	13	25	9	17	7	15

OUTPUT TORQUE						
PSI	MD 110		MD 160		MD 190	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
700	16,975	8,487	25,130	12,565	29,467	14,734
800	19,399	9,700	28,720	14,360	33,677	16,838
900	21,824	10,912	32,310	16,155	37,886	18,943
1,000	24,249	12,125	35,899	17,950	42,096	21,048
1,100	26,674	13,337	39,489	19,745	46,305	23,153
1,200	29,099	14,550	43,079	21,540	50,515	25,257
1,300	31,524	15,762	46,669	23,335	54,725	27,362
1,400	33,949	16,975	50,259	25,130	58,934	29,467
1,500	36,374	18,187	53,849	26,925	63,144	31,572
1,600	38,799	19,399	57,439	28,720	67,353	33,677
1,700	41,224	20,612	61,029	30,515	71,563	35,781
1,800	43,649	21,824	64,619	32,310	75,772	37,886
1,900	46,074	23,037	68,209	34,105	79,982	39,991
2,000	48,499	24,249	71,799	35,899	84,192	42,096
2,100	50,924	25,462	75,389	37,694	88,401	44,201
2,200	53,348	26,674	78,979	39,489	92,611	46,305
2,300	55,773	27,887	82,569	41,284	96,820	48,410
2,400	58,198	29,099	86,159	43,079	101,030	50,515
2,500	60,623	30,312	89,749	44,874	105,240	52,620
2,600	63,048	31,524	93,339	46,669	109,449	54,725
2,700	65,473	32,737	96,929	48,464	113,659	56,829
2,800	67,898	33,949	100,519	50,259	117,868	58,934
2,900	70,323	35,162	104,108	52,054	122,078	61,039
3,000	72,748	36,374	107,698	53,849	126,287	63,144
3,100	75,173	37,586	111,288	55,644	130,497	65,249
3,200	77,598	38,799	114,878	57,439	134,707	67,353
3,300	80,023	40,011	118,468	59,234	138,916	69,458
3,500	84,873	42,436	125,648	62,824	147,335	73,668

**Safe & Secure optional  
storage & transport  
cradles available**

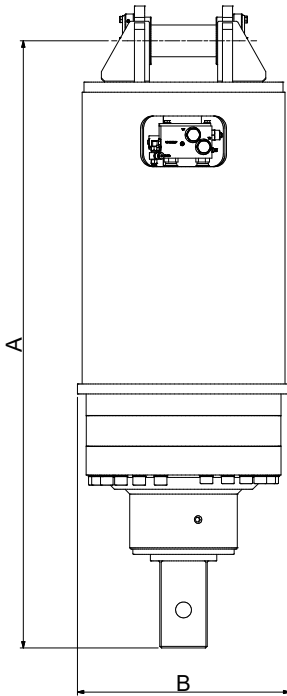


Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. When determining criteria, & application specific information is required, please contact DIGGA.



# ANCHOR DRIVES ULTRA DRIVE

## 30 - 50T (140,000 ft-lbs - 230,000 ft-lbs)



Developed in conjunction with the leading Screw Anchor/Pile installers around the world, These are the only true Anchor Drives available - Designed & manufactured specifically for the rigours of the application. The host machine operates in the most efficient HP range to minimize wear & tear and optimize performance & returns.

### FEATURES

- Highest volumetrically efficient motors available, ensure consistent & efficient pile installation throughout the working day
- Compact, High Quality, Digga made gearbox
- Built-in PRV (pressure relief valve) standard
- ECV (Energy Control relief Valve) to prevent rapid decompression of oil, caused by the reverse energy created by pile Kick-back
- Engineered hood & ears for maximum strength
- Extreme duty shaft locking system
- No complex hoses, valving or filtration
- 1yr Gearbox & 1yr Motor Warranty

ULTRA DRIVES				
MODEL	UD 190	UD 220	UD 250	UD 300
Maximum Torque (ft-lbs)	138,476	154,064	180,656	226,563
Max Flow (Gpm)	100 GPM @ 3,500 PSI			
Maximum Pressure - Do Not Exceed	3,500 PSI @100 GPM			
Maximum Horse Power	201	201	201	201
Motor Type	Radial Piston	Radial Piston	Radial Piston	Radial Piston
Pressure Relief Valve	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Standard Output Shaft	150mm Square	150mm Square	150mm Square	150mm Square
Diameter (in)	26.5	26.5	26.5	26.5
Overall Length (in)	75.5	75.5	75.5	75.5
Weight (lbs)	2633	3467	3467	3467



# ANCHOR DRIVES ULTRA DRIVE

## 30 - 50T (140,000 ft-lbs - 230,000 ft-lbs)



### OUTPUT TORQUE

PSI	UD 190		UD 220		UD 250		UD 300	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
700	27,695	13,848	30,813	15,406	36,131	18,066	45,313	22,656
800	31,652	15,826	35,215	17,607	41,293	20,646	51,786	25,893
900	35,608	17,804	39,616	19,808	46,454	23,227	58,259	29,130
1,000	39,565	19,782	44,018	22,009	51,616	25,808	64,732	32,366
1,100	43,521	21,761	48,420	24,210	56,777	28,389	71,206	35,603
1,200	47,478	23,739	52,822	26,411	61,939	30,970	77,679	38,839
1,300	51,434	25,717	57,224	28,612	67,101	33,550	84,152	42,076
1,400	55,390	27,695	61,626	30,813	72,262	36,131	90,625	45,313
1,500	59,347	29,673	66,027	33,014	77,424	38,712	97,099	48,549
1,600	63,303	31,652	70,429	35,215	82,585	41,293	103,572	51,786
1,700	67,260	33,630	74,831	37,415	87,747	43,873	110,045	55,023
1,800	71,216	35,608	79,233	39,616	92,909	46,454	116,518	58,259
1,900	75,173	37,586	83,635	41,817	98,070	49,035	122,992	61,496
2,000	79,129	39,565	88,036	44,018	103,232	51,616	129,465	64,732
2,100	83,086	41,543	92,438	46,219	108,393	54,197	135,938	67,969
2,200	87,042	43,521	96,840	48,420	113,555	56,777	142,411	71,206
2,300	90,999	45,499	101,242	50,621	118,717	59,358	148,884	74,442
2,400	94,955	47,478	105,644	52,822	123,878	61,939	155,358	77,679
2,500	98,912	49,456	110,046	55,023	129,040	64,520	161,831	80,915
2,600	102,868	51,434	114,447	57,224	134,201	67,101	168,304	84,152
2,700	106,824	53,412	118,849	59,425	139,363	69,681	174,777	87,389
2,800	110,781	55,390	123,251	61,626	144,524	72,262	181,251	90,625
2,900	114,737	57,369	127,653	63,826	149,686	74,843	187,724	93,862
3,000	118,694	59,347	132,055	66,027	154,848	77,424	194,197	97,099
3,100	122,650	61,325	136,456	68,228	160,009	80,005	200,670	100,335
3,200	126,607	63,303	140,858	70,429	165,171	82,585	207,144	103,572
3,300	130,563	65,282	145,260	72,630	170,332	85,166	213,617	106,808
3,500	138,476	69,238	154,064	77,032	180,656	90,328	226,563	113,282

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.

# ANCHOR DRIVES ULTRA DRIVE

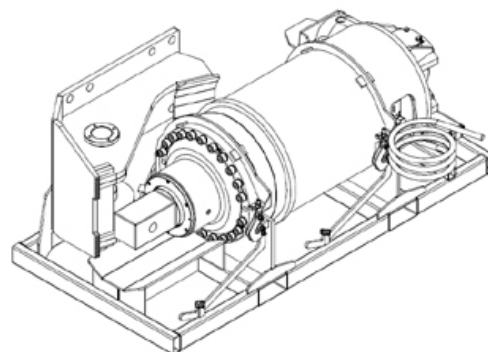
30 - 50T (140,000 ft-lbs - 230,000 ft-lbs)



## OUTPUT SPEED

RPM	UD 190		UD 220		UD 250		UD 300	
	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD	HI TORQUE LOW SPD	LO TORQUE HIGH SPD
8	1	1	1	1	0	1	0	1
12	1	2	1	2	1	1	1	1
16	1	2	1	2	1	2	1	2
20	2	3	1	3	1	2	1	2
24	2	4	2	3	1	3	1	2
28	2	4	2	4	2	3	1	3
32	2	5	2	4	2	4	2	3
36	3	6	3	5	2	4	2	3
40	3	6	3	6	2	5	2	4
44	3	7	3	6	3	5	2	4
48	4	7	3	7	3	6	2	5
52	4	8	4	7	3	6	2	5
56	4	9	4	8	3	7	3	5
60	5	9	4	8	4	7	3	6
64	5	10	4	9	4	8	3	6
68	5	11	5	9	4	8	3	6
72	6	11	5	10	4	9	3	7
76	6	12	5	11	5	9	4	7
80	6	12	6	11	5	10	4	8
84	7	13	6	12	5	10	4	8
88	7	14	6	12	5	10	4	8
92	7	14	6	13	5	11	4	9
96	7	15	7	13	6	11	5	9
100	8	15	7	14	6	12	5	9

**Safe & Secure optional  
storage & transport  
cradles available**



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