

20,000 FT LBS - 30,000 FT LBS



PLANETARY ANCHOR DRIVES



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, minimising wear & tear, optimising performance & ensure highest returns.

Features

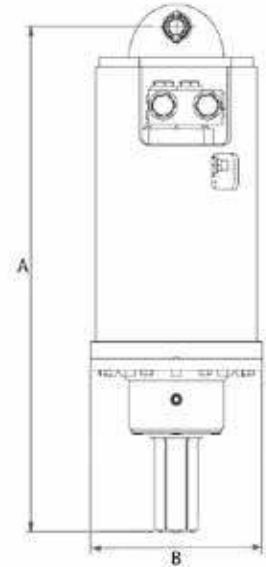
- High efficiency EATON/DIGGA bell geroler hydraulic motors with integrated Pressure Relief Valve, ensures max volumetric efficiency for consistent & efficient pile installation throughout the working day
- More linear feet in the ground = greater returns
- ECV (Energy Control Valve) to prevent rapid 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
- 5yr Gearbox & 3yr Motor Warranty

Need Torque from a lower pressure, no problems.

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



Specifications

	ANCHOR DRIVE STANDARD PRESSURE 3500 PSI SERIES				ANCHOR DRIVE LOW PRESSURE 3000 PSI SERIES	
	20ADS	25ADS	30ADS		20ALS	25ALS
Nominal Torque (FT LBS)	19,488	24,514	30,771		21,012	26,375
Rec Flow *	26-53	26-53	26-53		26-53	26-53
Max Pressure **	3500	3500	3500		3000	3000
Max Power (HP)***	80	80	80		80	80
PRV (Pressure Relief Valve)	Included	Included	Included		Included	Included
ECV (Energy Control Valve)	Included	Included	Included		Included	Included
Overall Length (A) inches	44.9"	44.9"	44.9"		44.9"	44.9"
Diameter (B) inches	14"	14"	14"		14"	14"
Weight lbs	637	637	637		637	637
Output Shaft	100mm sq	100mm sq	100mm sq		100mm sq	100mm sq

* Max Flow - Do not exceed 60gpm (230lpm) @ 2300psi (160 bar)

**Max Pressure - Do not exceed 3500psi (240bar) @ 39 gpm (150 lpm)

*** Max Power - Do not exceed 80HP (60Kw)



OUTPUT SPECIFICATIONS

ANCHOR DRIVE STANDARD PRESSURE SERIES

Torque Output (FT LBS) @3500 PSI (240 Bar)			
	20ADS	25ADS	30ADS
Pressure PSI	Torque ft lbs	Torque ft lbs	Torque ft lbs
1 000	5 568	7 004	8 792
1 200	6 682	8 405	10 550
1 400	7 795	9 806	12 308
1 600	8 909	11 207	14 067
1 800	10 023	12 607	15 825
2 000	11 136	14 008	17 583
2 200	12 250	15 409	19 342
2 400	13 363	16 810	21 100
2 600	14 477	18 211	22 858
2 800	15 591	19 611	24 617
3 000	16 704	21 012	26 375
3 200	17 818	22 413	28 134
3 300	18 375	23 113	29 013
3 500	19 488	24 514	30 771

Speed Output (RPM)			
	20ADS	25ADS	30ADS
Flow GPM	Speed RPM	Speed RPM	Speed RPM
8	4	4	3
12	7	5	4
16	9	7	6
20	11	9	7
24	13	11	8
28	15	12	10
32	18	14	11
36	20	16	13
40	22	18	14
44	24	19	15
48	26	21	17
53	29	23	18

ANCHOR DRIVE LOW PRESSURE SERIES

Torque Output (FT LBS) @3000 PSI (210 Bar)		
	20ALS	25ALS
Pressure PSI	Torque ft lbs	Torque ft lbs
1 000	7 004	8 792
1 200	8 405	10 550
1 400	9 806	12 308
1 600	11 207	14 067
1 800	12 607	15 825
2 000	14 008	17 583
2 200	15 409	19 342
2 400	16 810	21 100
2 600	18 211	22 858
2 800	19 611	24 617
3 000	21 012	26 375

Speed Output (RPM)		
	20ALS	25ALS
Flow GPM	Speed RPM	Speed RPM
8	4	3
12	5	4
16	7	6
20	9	7
24	11	8
28	12	10
32	14	11
36	16	13
40	18	14
44	19	15
48	21	17
53	23	18

OPTIONAL EXTRAS

- Ryno Piling cradle
- Drive Linkages
- Excavator Mounts/Hitch
- Diggalign - Pile/Auger Alignment system
- Torque Monitoring - Pressure Differential Gauge
- Diggalogic - Torque & System monitoring (avail Aug 2013)

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.

HIGH POWERED ANCHOR DRIVES SINGLE SPEED - 15-30T

DIGGA
CONSTRUCTION GRADE
MACHINERY ATTACHMENTS

/// HIGH SPEED /// HIGH PERFORMANCE

*Digga's High Powered Drives operate at a **MAX PRESSURE OF 5,000 PSI** providing you the speed and performance without detuning your machine.*



THE FASTEST DRIVE HEAD IN ITS CLASS

FEATURES

- COMPACT, HIGH QUALITY, DIGGA MADE GEARBOX
- BUILT-IN PRV (PRESSURE RELIEF VALVE) AS 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

OTHER MODELS AVAILABLE

- STANDARD 2 SPEED
- HIGH POWERED 2 SPEED
- HIGH POWERED AUTO SHIFT (COMING SOON)

	SD HIGH POWERED - SINGLE SPEED				
MODEL	SD45HPS	SD50HPS	SD70HPS	SD80HPS	SD95HPS
Max Torque (ft-lbs)	33,654	39,463	51,634	62,638	69,244
Max Flow (Gpm)	100 GPM @ 3,500 PSI				
Max Pressure - Do Not Exceed	5,000 PSI @70 GPM				
Max 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

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 / Torque Measuring



HIGH POWERED ANCHOR DRIVES

SINGLE SPEED - 15-30T

DIGGA
CONSTRUCTION GRADE
MACHINERY ATTACHMENTS

OUTPUT SPEED & TORQUE

SD45HPS				SD50HPS				SD70HPS				SD80HPS				SD95HPS			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE		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	GPM	RPM	PSI	FT-LBS	GPM	RPM	PSI	FT-LBS
8	4	600	4,039	8	3	600	4,736	8	2	600	6,196	8	2	600	7,469	8	2	600	8,309
12	6	800	5,385	12	5	800	6,314	12	4	800	8,261	12	3	800	9,958	12	3	800	11,079
16	7	1,000	6,731	16	6	1,000	7,893	16	5	1,000	10,327	16	4	1,000	12,448	16	4	1,000	13,849
20	9	1,200	8,077	20	8	1,200	9,471	20	6	1,200	12,392	20	5	1,200	14,937	20	4	1,200	16,618
24	11	1,400	9,423	24	9	1,400	11,050	24	7	1,400	14,458	24	6	1,400	17,427	24	5	1,400	19,388
28	13	1,600	10,769	28	11	1,600	12,628	28	8	1,600	16,523	28	7	1,600	19,916	28	6	1,600	22,158
32	15	1,800	12,116	32	12	1,800	14,207	32	10	1,800	18,588	32	8	1,800	22,406	32	7	1,800	24,928
36	17	2,000	13,462	36	14	2,000	15,785	36	11	2,000	20,654	36	9	2,000	24,895	36	8	2,000	27,697
40	18	2,200	14,808	40	16	2,200	17,364	40	12	2,200	22,719	40	10	2,200	27,385	40	9	2,200	30,467
44	20	2,400	16,154	44	17	2,400	18,942	44	13	2,400	24,784	44	11	2,400	29,874	44	10	2,400	33,237
48	22	2,600	17,500	48	19	2,600	20,521	48	14	2,600	26,850	48	12	2,600	32,364	48	11	2,600	36,007
52	24	2,800	18,847	52	20	2,800	22,099	52	16	2,800	28,915	52	13	2,800	34,853	52	11	2,800	38,776
56	26	3,000	20,193	56	22	3,000	23,678	56	17	3,000	30,981	56	14	3,000	37,343	56	12	3,000	41,546
60	28	3,200	21,539	60	23	3,200	25,257	60	18	3,200	33,046	60	15	3,200	39,832	60	13	3,200	44,316
64	29	3,400	22,885	64	25	3,400	26,835	64	19	3,400	35,111	64	16	3,400	42,322	64	14	3,400	47,086
68	31	3,600	24,231	68	27	3,600	28,414	68	20	3,600	37,177	68	17	3,600	44,811	68	15	3,600	49,855
72	33	3,800	25,577	72	28	3,800	29,992	72	22	3,800	39,242	72	18	3,800	47,301	72	16	3,800	52,625
76	35	4,000	26,924	76	30	4,000	31,571	76	23	4,000	41,307	76	19	4,000	49,790	76	17	4,000	55,395
80	37	4,200	28,270	80	31	4,200	33,149	80	24	4,200	43,373	80	20	4,200	52,280	80	18	4,200	58,165
84	39	4,400	29,616	84	33	4,400	34,728	84	25	4,400	45,438	84	21	4,400	54,769	84	18	4,400	60,934
88	40	4,600	30,962	88	34	4,600	36,306	88	26	4,600	47,504	88	22	4,600	57,259	88	19	4,600	63,704
92	42	4,800	32,308	92	36	4,800	37,885	92	28	4,800	49,569	92	23	4,800	59,748	92	20	4,800	66,474
96	44	5,000	33,654	96	37	5,000	39,463	96	29	5,000	51,634	96	24	5,000	62,238	96	21	5,000	69,244
100	46			100	39			100	30			100	25			100	22		

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.
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HIGH POWERED ANCHOR DRIVES

SINGLE SPEED - 15-30T

DIGGA
CONSTRUCTION GRADE
MACHINERY ATTACHMENTS



INTEGRATED ENERGY CONTROL VALVE INSIDE MANIFOLD



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.

WHY YOU NEED ECV

When the anchor reaches desired torque or depth the operator stops the drive unit, at this stage the anchor has built up a rotational energy (somewhat like a rubber band on a wind-up model plane). This energy that is stored in the anchor needs to be released before the drive unit is disconnected. The ECV bypasses the stored energy allowing the anchor to "unwind" in a controlled manner.

Without this valve, the pressure contained when holding the pile in place would be forced up the pile and into the drive unit resulting in potential damage & costly repairs for the motor and gearbox.

FEATURES

- Protects motor from rapid oil decompression
- Easily converts your auger drive into a dedicated screw anchor drive

IDEAL USE

- Screw piling / anchoring

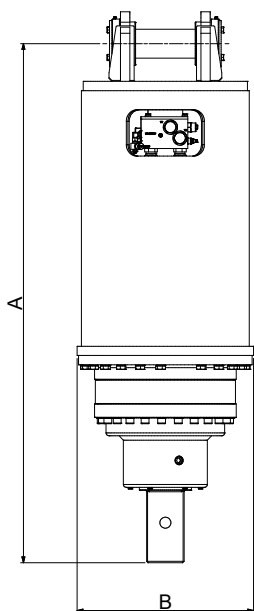
MACHINE SUITABILITY

- Digga's Energy Control Valve can be fitted to all Digga drilling drive units for screw anchoring applications. ECV comes standard on all Digga anchor drives.



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. Digger'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 Digger 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)



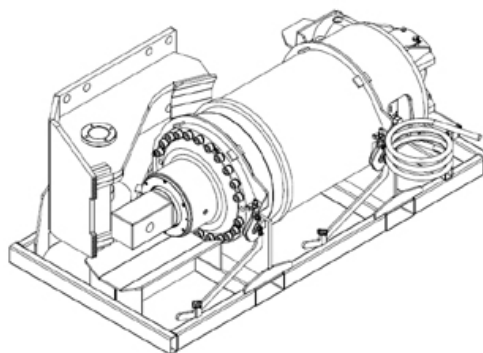
OUTPUT SPEED

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

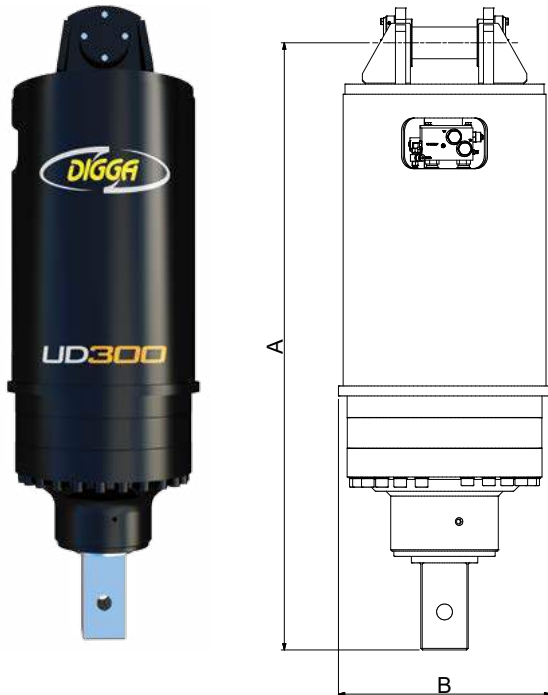
**Safe & Secure optional
storage & transport
cradles available**



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

	UD 190		UD 220		UD 250		UD 300	
PSI	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

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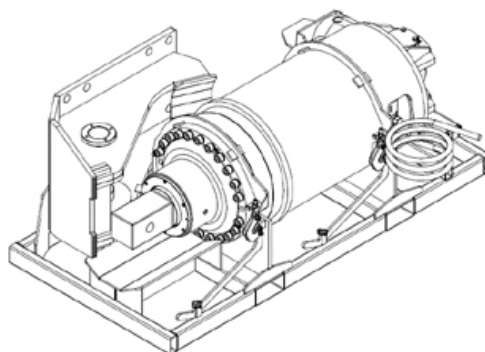
ANCHOR DRIVES ULTRA DRIVE

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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ANCHOR DRIVES

XTREME DRIVE

50 - 80T (190,000lbs - 360,000 ft-lbs)



Developed in conjunction with the leading screw anchor/pile installers around the world, these are the only true anchor drives available - Designed and manufactured specifically for the rigours of the application. The host machine operates within the most efficient HP range, minimizing wear and tear as well as optimizing performance & returns.

FEATURES

- Highest volumetrically efficient motor available ensures consistent and 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



	XTREME DRIVES			
MODEL	XD 270	XD 310	XD 410	XD 500
Nominal Torque (ft-lbs)	192,755	226,025	295,734	356,465
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	200mm Square	200mm Square	200mm Square	200mm Square
Weight (lbs)	6345	6345	6345	6345
Overall Length (in)	95	95	95	95
Diameter (in)	32.3	32.3	32.3	32.3



ANCHOR DRIVES

XTREME DRIVE

50 - 80T (190,000lbs - 360,000 ft-lbs)



OUTPUT TORQUE

	XD 270		XD 310		XD 410		XD 500	
PSI	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	38,551	19,276	45,205	22,603	59,147	29,573	71,293	35,646
800	44,058	22,029	51,663	25,831	67,596	33,798	81,478	40,739
900	49,566	24,783	58,121	29,060	76,046	38,023	91,662	45,831
1,000	55,073	27,536	64,579	32,289	84,495	42,248	101,847	50,924
1,100	60,580	30,290	71,036	35,518	92,945	46,472	112,032	56,016
1,200	66,087	33,044	77,494	38,747	101,394	50,697	122,217	61,108
1,300	71,595	35,797	83,952	41,976	109,844	54,922	132,401	66,201
1,400	77,102	38,551	90,410	45,205	118,294	59,147	142,586	71,293
1,500	82,609	41,305	96,868	48,434	126,743	63,372	152,771	76,385
1,600	88,117	44,058	103,326	51,663	135,193	67,596	162,955	81,478
1,700	93,624	46,812	109,784	54,892	143,642	71,821	173,140	86,570
1,800	99,131	49,566	116,242	58,121	152,092	76,046	183,325	91,662
1,900	104,638	52,319	122,699	61,350	160,541	80,271	193,510	96,755
2,000	110,146	55,073	129,157	64,579	168,991	84,495	203,694	101,847
2,100	115,653	57,827	135,615	67,808	177,440	88,720	213,879	106,939
2,200	121,160	60,580	142,073	71,036	185,890	92,945	224,064	112,032
2,300	126,668	63,334	148,531	74,265	194,339	97,170	234,248	117,124
2,400	132,175	66,087	154,989	77,494	202,789	101,394	244,433	122,217
2,500	137,682	68,841	161,447	80,723	211,238	105,619	254,618	127,309
2,600	143,190	71,595	167,904	83,952	219,688	109,844	264,803	132,401
2,700	148,697	74,348	174,362	87,181	228,138	114,069	274,987	137,494
2,800	154,204	77,102	180,820	90,410	236,587	118,294	285,172	142,586
2,900	159,711	79,856	187,278	93,639	245,037	122,518	295,357	147,678
3,000	165,219	82,609	193,736	96,868	253,486	126,743	305,541	152,771
3,100	170,726	85,363	200,194	100,097	261,936	130,968	315,726	157,863
3,200	176,233	88,117	206,652	103,326	270,385	135,193	325,911	162,955
3,300	181,741	90,870	213,109	106,555	278,835	139,417	336,096	168,048
3,500	192,755	96,378	226,025	113,013	295,734	147,867	356,465	178,232

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ANCHOR DRIVES

XTREME DRIVE

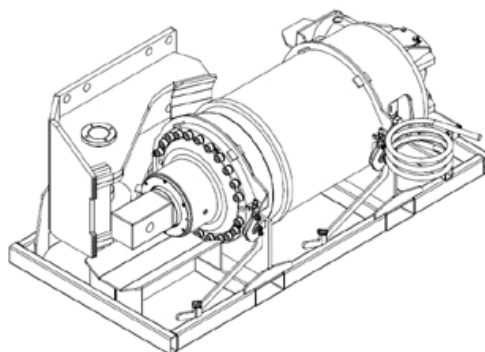
50 - 80T (190,000lbs - 360,000 ft-lbs)



OUTPUT SPEED

PSI	XD 270		XD 310		XD 410		XD 500	
	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	0	1	0	1	0	1	0	0
12	1	1	1	1	0	1	0	1
16	1	2	1	2	1	1	0	1
20	1	2	1	2	1	1	1	1
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