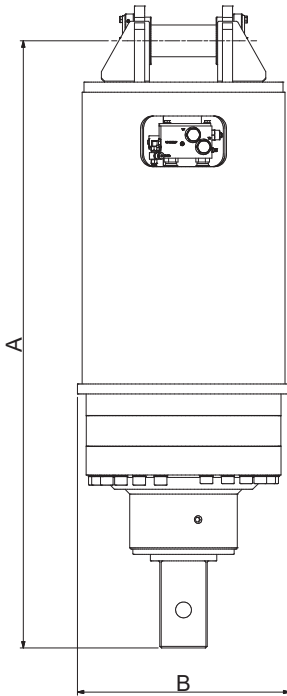


# ANCHOR DRIVES ULTRA DRIVE

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

# DIGGA

CONSTRUCTION GRADE  
MACHINERY ATTACHMENTS



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

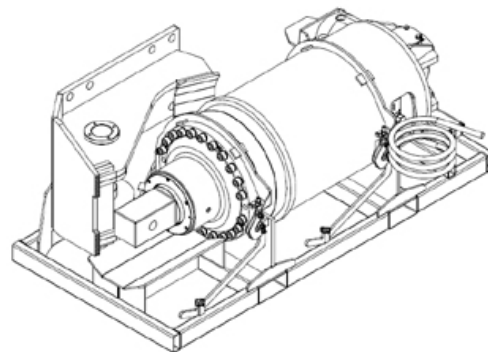
30 - 50T (140,000 ft-lbs - 230,000 ft-lbs)



## 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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