

2 SPEED HIGH POWERED DRIVES



EXCAVATOR 15T-30T

/// HIGH SPEED /// HIGH PERFORMANCE

*Digga's High Powered Drives operate at a **MAX PRESSURE OF 345 BAR** providing you the speed and performance without detuning your machine.*



2-SPEED AUGER DRIVES

THE FASTEST DRIVE UNIT IN ITS CLASS

FEATURES

- COMPACT, HIGH QUALITY, DIGGA-MADE GEARBOX
- BUILT-IN PRV (PRESSURE RELIEF VALVE) AS STANDARD
- ENGINEERED HOOD & EARS FOR MAXIMUM STRENGTH
- EXTREME DUTY SHAFT LOCKING SYSTEM
- NO COMPLEX HOSES, VALVING OR FILTRATION

AUGERS TO SUIT (Sold Separately)

- TRU-CUT – A 1500mm auger cuts a 1500mm hole. No oversized holes!
- Over 30 years of auger design and manufacture has resulted in an extremely efficient cutting head design and optimum flight pitches to provide maximum soil removal.
- Easy knock in and out teeth requires no special tools.



COMBINATION ROCK & EARTH AUGER

- Dig holes in earth conditions, clay, asphalt, concrete and fracturable rock
- All purpose cutting heads - no more interchanging cutting heads & using multiple augers

DEDICATED ROCK AUGER

- Rotating rock picks for shale and fracturable rock
- Heavy duty efficient cutting head for the ultimate rock drilling auger

Model	SD45HPT	SD50HPT	SD70HPT	SD80HPT	SD95HPT
Max Torque (Nm) @ 240 bar	45,629	53,505	70,007	84,383	93,882
Pressure Release Valve	Included	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included	Included
Max Pressure - Do not exceed	345 Bar @ 380 lpm				
Max Flow - Do not exceed	380 lpm @ 345 Bar				
Power - Do not exceed	150 Kw (200 hp)				
STD Output Shaft	100mm Square	100mm Square	100mm Square	100mm Square	100mm Square
Recommended Auger Diameter					
Recommended Auger	RC11/DR11	RC11/DR11	RC11/DR11	RC11/DR11	RC11/DR11
Max Auger Dia Fracturable Rock*	1500mm	1500mm	1800mm	1800mm	2000mm
Max Auger Dia Clay/Shale*	1800mm	1800mm	2000mm	2000mm	2200mm
Max Auger Dia Earth*	2000mm	2000mm	2200mm	2200mm	2500mm

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. (*) Max/min drilling diameter (DIA) dependant on ground conditions. Guide is a recommendation only.

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OUTPUT SPEED	Model	SD45HPT		SD50HPT		SD70HPT		SD80HPT		SD95HPT	
	FLOW LPM	Hi Torque Low Speed	Low Torque High Speed	Hi Torque Low Speed	Low Torque High Speed	Hi Torque Low Speed	Low Torque High Speed	Hi Torque Low Speed	Low Torque High Speed	Hi Torque Low Speed	Low Torque High Speed
100	12	21	10	17	8	13	7	11	6	10	
120	15	25	12	21	9	16	8	13	7	12	
140	17	29	14	24	11	19	9	15	8	14	
160	19	33	16	28	13	21	11	18	9	16	
180	22	37	18	31	14	24	12	20	10	18	
200	24	41	21	35	16	27	13	22	12	20	
220	27	45	23	38	17	30	14	24	13	22	
240	29	49	25	42	19	32	16	27	14	24	
260	31	53	27	45	21	35	17	29	15	26	
280	34	57	29	49	22	38	18	31	16	28	
300	36	62	31	52	24	40	20	33	17	30	
320	39	66	33	56	25	43	21	35	19	32	
340	41	70	35	59	27	46	22	38	20	34	
360	44	74	37	63	28	48	24	40	21	36	
380	46	78	39	66	30	51	25	42	22	38	

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OUTPUT TORQUE	Model	SD45HPT		SD50HPT		SD70HPT		SD80HPT		SD95HPT	
	PRESSURE BAR	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm
	34	4,563	2,680	5,351	3,142	7,001	4,112	8,438	4,956	9,388	5,514
	41	5,476	3,216	6,421	3,771	8,401	4,934	10,126	5,947	11,266	6,617
	48	6,388	3,752	7,491	4,399	9,801	5,756	11,814	6,938	13,143	7,719
	55	7,301	4,288	8,561	5,028	11,201	6,579	13,501	7,930	15,021	8,822
	62	8,213	4,824	9,631	5,656	12,601	7,401	15,189	8,921	16,899	9,925
	69	9,126	5,360	10,701	6,285	14,001	8,223	16,877	9,912	18,776	11,028
	76	10,038	5,896	11,771	6,913	15,401	9,046	18,564	10,903	20,654	12,130
	83	10,951	6,432	12,841	7,542	16,802	9,868	20,252	11,894	22,532	13,233
	90	11,864	6,968	13,911	8,170	18,202	10,690	21,940	12,885	24,409	14,336
	97	12,776	7,504	14,981	8,799	19,602	11,512	23,627	13,877	26,287	15,439
	103	13,689	8,040	16,052	9,427	21,002	12,335	25,315	14,868	28,165	16,541
	110	14,601	8,576	17,122	10,056	22,402	13,157	27,003	15,859	30,042	17,644
	117	15,514	9,112	18,192	10,684	23,802	13,979	28,690	16,850	31,920	18,747
	124	16,427	9,648	19,262	11,313	25,202	14,802	30,378	17,841	33,797	19,850
	131	17,339	10,184	20,332	11,941	26,603	15,624	32,066	18,833	35,675	20,953
	138	18,252	10,720	21,402	12,570	28,003	16,446	33,753	19,824	37,553	22,055
	145	19,164	11,256	22,472	13,198	29,403	17,269	35,441	20,815	39,430	23,158
	152	20,077	11,791	23,542	13,827	30,803	18,091	37,129	21,806	41,308	24,261
	159	20,990	12,327	24,612	14,455	32,203	18,913	38,816	22,797	43,186	25,364
	166	21,902	12,863	25,682	15,084	33,603	19,736	40,504	23,789	45,063	26,466
	172	22,815	13,399	26,753	15,712	35,003	20,558	42,192	24,780	46,941	27,569
	179	23,727	13,935	27,823	16,341	36,404	21,380	43,879	25,771	48,819	28,672
	186	24,640	14,471	28,893	16,969	37,804	22,203	45,567	26,762	50,696	29,775
	193	25,552	15,007	29,963	17,598	39,204	23,025	47,255	27,753	52,574	30,877
	200	26,465	15,543	31,033	18,226	40,604	23,847	48,942	28,745	54,451	31,980
	207	27,378	16,079	32,103	18,855	42,004	24,670	50,630	29,736	56,329	33,083
	214	28,290	16,615	33,173	19,483	43,404	25,492	52,318	30,727	58,207	34,186
	221	29,203	17,151	34,243	20,112	44,804	26,314	54,005	31,718	60,084	35,288
	228	30,115	17,687	35,313	20,740	46,204	27,137	55,693	32,709	61,962	36,391
	234	31,028	18,223	36,384	21,369	47,605	27,959	57,381	33,700	63,840	37,494
	241	31,941	18,759	37,454	21,997	49,005	28,781	59,068	34,692	65,717	38,597
	248	32,853	19,295	38,524	22,626	50,405	29,604	60,756	35,683	67,595	39,700
	255	33,766	19,831	39,594	23,254	51,805	30,426	62,444	36,674	69,473	40,802
	262	34,678	20,367	40,664	23,883	53,205	31,248	64,131	37,665	71,350	41,905
	269	35,591	20,903	41,734	24,511	54,605	32,071	65,819	38,656	73,228	43,008
	276	36,504	21,439	42,804	25,140	56,005	32,893	67,507	39,648	75,105	44,111
	283	37,416	21,975	43,874	25,768	57,406	33,715	69,194	40,639	76,983	45,213
	290	38,329	22,511	44,944	26,397	58,806	34,537	70,882	41,630	78,861	46,316
	297	39,241	23,047	46,014	27,025	60,206	35,360	72,570	42,621	80,738	47,419
	303	40,154	23,583	47,085	27,653	61,606	36,182	74,257	43,612	82,616	48,522
	310	41,066	24,119	48,155	28,282	63,006	37,004	75,945	44,604	84,494	49,624
	317	41,979	24,655	49,225	28,910	64,406	37,827	77,633	45,595	86,371	50,727
	324	42,892	25,191	50,295	29,539	65,806	38,649	79,320	46,586	88,249	51,830
	331	43,804	25,727	51,365	30,167	67,206	39,471	81,008	47,577	90,127	52,933
	338	44,717	26,263	52,435	30,796	68,607	40,294	82,695	48,568	92,004	54,035
	345	45,629	26,799	53,505	31,424	70,007	41,116	84,383	49,560	93,882	55,138

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