2 SPEED STANDARD FLOW AUGER DRIVES

Suit Machine 3-8 tonne including excavators & skid steer loaders, truck cranes, front end loaders, wheeled loaders and backhoes

Digga's 2 speed drilling auger drives for standard flow machines have been designed for a wider range of applications. Offering a high speed, low torque setting for the smaller auger jobs (when you need that extra RPM), and low speed, high torque (for when you really need to grind out that larger diameter hole). It's like owning 2 drive units in 1.

Features

- Improved motor design & performance with 2 Speed options:
  - ***Low speed -*** High torque for large holes
  - ***High speed -*** Low torque for smaller holes
- Suitable for a wide range of ground conditions
  - Soft loose soils, hard soils, and rocky conditions
- Integrated PRV (Pressure Relief Valve)
- Simple electrical connection:
  - 12 or 24 volt coil, just requiring connection
  - Optional joystick switches, floor mounted switches & cigarette plugs available pre-wired to suit
- Low maintenance with 5yr gear box and 3yr motor warranty

Model	PDT3	PDT6	PDT8
Rec Flow	20-75 lpm	20-75 lpm	20-75 lpm
Max Torque (Nm) @ 240 bar	2,954	4,664	5,635
Pressure Valve Fitted	Included	Included	Included
Max Pressure - Do not exceed	200 Bar @ 76 lpm		
Max Flow - Do not exceed	76 lpm @ 200 Bar		
Power - Do not exceed	25 Kw (34 HP)		
Overall Length (mm)	766	877	883
Diameter (mm)	240	240	290
Overall Width (mm)	310	310	342
Weight (kg) - No linkage & hitch	75	104	130
STD Output Shaft	65mm Round	75mm Square	75mm Square
Swing Control (SCS)	Optional	Optional	Optional
Diggalign (Auger Alignment)	Optional	Optional	Optional
Recommended Auger Diameter			
Recommended Auger	A4/RC4	A6/RC6	A6/RC6
Max Auger Dia Clay/Shale*	600mm	900mm	1000mm
Max Auger Dia Earth*	750mm	1000mm	1200mm

2 SPEED AUGER DRIVES

Output Speed

	PDT3		PDT6		PDT8	
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
20	22	43	14	27	11	23
25	27	54	17	34	14	28
30	32	65	20	41	17	34
35	38	75	24	48	20	40
40	43	86	27	55	23	45
45	49	97	31	61	25	51
50	54	108	34	68	28	57
55	59	119	38	75	31	62
60	65	129	41	82	34	68
65	70	140	44	89	37	73
70	75	151	48	96	40	79
75	81	162	51	102	42	85

Output Torque

	PDT3		PDT6		PDT8	
PRESSURE BAR	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm	Hi Torque Nm	Low Torque Nm
90	1,329	665	2,099	1,049	2,536	1,268
100	1,477	738	2,332	1,166	2,818	1,409
110	1,624	812	2,565	1,282	3,099	1,550
120	1,772	886	2,798	1,399	3,381	1,691
130	1,920	960	3,031	1,516	3,663	1,831
140	2,068	1,034	3,265	1,632	3,945	1,972
150	2,215	1,108	3,498	1,749	4,226	2,113
160	2,363	1,181	3,731	1,865	4,508	2,254
170	2,511	1,255	3,964	1,982	4,790	2,395
180	2,658	1,329	4,197	2,099	5,072	2,536
190	2,806	1,403	4,430	2,215	5,353	2,677
200	2,954	1,477	4,664	2,332	5,635	2,818

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.