HIGH FLOW 2-SPEED AUGER DRIVES

MACHINES 15-22 TONNE

DIGGA

Suit Machine 15-22 tonne including excavators & skid steer loaders, truck cranes, front end loaders, wheeled loaders and backhoes

5 YEARS GEARBOX WARRANTY

3 YEARS MOTOR WARRANTY

ESSENTIALLY 2 DRIVE UNITS IN ONE

Save time and money by eliminating the need for multiple drive units.

LOW SPEED - HIGH TORQUE

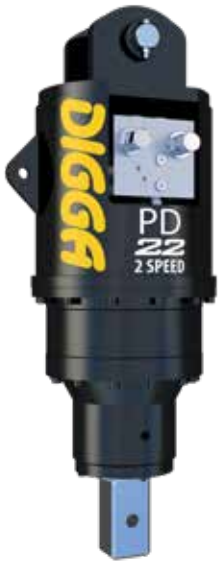
Ideal for drilling with large diameter augers or hard fracturable rock.

HIGH SPEED - LOW TORQUE

Ideal for small diameter augers or softer soils where speed is needed. Switch to high speed for added spin off speed for clearing larger diameter augers.

FEATURES

- Compact high torque Digga gearbox
- Fitted with high efficiency Eaton VIS motor
- Integrated PRV (Pressure Relief Valve)
- Extreme duty shaft locking system
- Low maintenance with 5 year gear box and 3 year motor warranty



HALO
AVAILABLE ON THESE DRIVES

TWO SPEED

MODEL	PDT18	PDT22
Recommended Flow	40-180 lpm	40-180 lpm
Max Torque (Nm) @ 240 bar	18,372	22,640
Motor	Vis EATON	Vis EATON
Pressure Valve Fitted	Included	Included
Energy Control Valve	Optional	Optional
Case Drain Required	Yes (Included)	Yes (Included)
Max Pressure	Do not exceed 240 Bar @ 150 lpm	
Max Flow	Do not exceed 180 lpm @ 200 Bar	
Max Continuous Power	Do not exceed 60 Kw (80HP)	
Overall Length (mm)	979	979
Diameter (mm)	340	340
Overall Width (mm)	392	392
Weight (No linkage and hitch)	193	193
STD Output Shaft	75mm Square	75mm Square
Swing Control (SCS)	N/A	N/A
Diggalign (Auger Alignment)	Optional	Optional
HALO (Auger Alignment)	Optional	Optional
Recommended Auger	8 Series	8 Series
Max Recommended Dia Clay/shale*	1200mm	1500mm
Max Recommended Dia Earth*	1600mm	1600mm

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

SPEED- RPM

	PDT18		PDT22	
FLOW LPM	**Low**	**High**	**Low**	**High**
40	8	13	7	10
50	10	16	8	13
60	13	19	10	15
70	15	22	12	18
80	17	25	14	20
90	19	28	15	23
100	21	32	17	26
110	23	35	19	28
120	25	38	20	31
130	27	41	22	33
140	29	44	24	36
150	31	47	25	38
160	33	51	27	41
170	35	54	29	44
180	38	57	30	46

TORQUE - Nm

	PDT18		PDT22	
PRESSURE BAR	**High**	**Low**	**High**	**Low**
90	6,879	4,540	8,477	5,595
100	7,643	5,045	9,419	6,217
110	8,408	5,549	10,361	6,838
120	9,172	6,053	11,303	7,460
130	9,936	6,558	12,245	8,082
140	10,701	7,062	13,187	8,703
150	11,465	7,567	14,129	9,325
160	12,229	8,071	15,070	9,946
170	12,994	8,576	16,012	10,568
180	13,758	9,080	16,954	11,190
190	14,522	9,585	17,896	11,811
200	15,287	10,089	18,838	12,433
210	16,051	10,594	19,780	13,055
220	16,815	11,098	20,722	13,676
230	17,580	11,603	21,664	14,298
240	18,372	12,107	22,640	14,920

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.