



THE FUTURE OF DRILLING

Digga's range of 2-speed compact planetary drives offers a versatile and powerful solution for foundation boring, post hole drilling, screw piling, and utility applications.

Proudly manufactured in Australia, these auger drives are engineered to perform across the diverse and challenging landscapes of global markets.

The advanced combination of components allows for smooth transitions between high torque and high speed, delivering unmatched versatility and efficiency across various tasks. Whether drilling through compacted soil or handling heavy-duty piling work, Digga drives are built to provide the reliability and peak performance that industry professionals trust worldwide.

Dual-speed functionality is like having 2 drive units in 1:

High Speed: For less demanding tasks or smaller diameter augers.

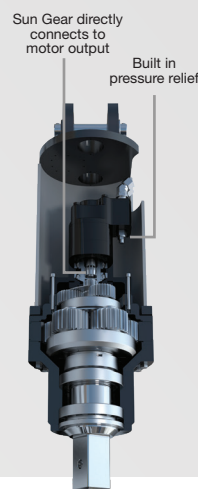
High Torque: Essential for heavy-duty operations or larger diameter augers.



INDUSTRY LEADING PERFORMANCE

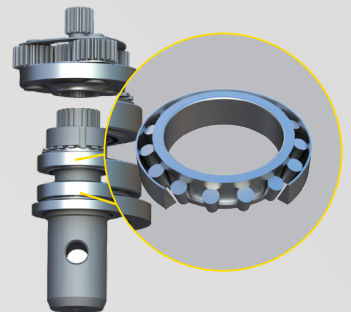
At the core of Digga's 2-speed planetary drives is a Danfoss motor delivering superior efficiency and control.

Combined with Digga's two-speed valve with Pressure relief valve as standard, coupled to the durable Digga gearbox, these drives offer precision, power, and reliability in demanding conditions.



ADVANCED TWO-PIECE SHAFT DESIGN

Digga's gearbox features a two-piece shaft design that isolates the shaft from the planetary carrier, protecting internal gears from pushing, pulling, and side loading forces generated by the host machine. Supported by oversized double-tapered bearings, it efficiently handles axial and side loads. The shaft is backed by a lifetime pull-out warranty.



Digga gearboxes are built tough with a reputation for quality, dependability and over four decades of trusted performance. Our gearboxes are made from precision machined gears using high grade alloy steel, compact design with exceptional power to weight ratio that delivers outstanding performance, reliability and great return on investment.



**AUSTRALIAN
QUALITY**

The gearbox comes with the added peace of mind knowing they have the highest shaft pull out rating in the industry, with heavy duty, custom designed Digga manufactured lock nut.

More Info
→

VERSATILE: Two drives in one.

REPUTATION: A legacy of unwavering quality and reliability.

PERFORMANCE: Exceptional power to speed ratio.

2 PIECE SHAFT: Lifetime warranty on shaft pull out.

AUSTRALIAN MADE: Since 1981.



Model	PDT3	PDT6
Max Torque (Nm) @ 240 bar**	3,578	5,650
Recommended Flow (lpm)**	20-75	20-75
Motor Type	DANFOSS	
Max Pressure - Do not exceed**	205 bar @ 73 LPM	
Max Flow - Do not exceed**	76 LPM @ 197 bar	
Max Continuous Power**	25 kW (34 hp)	
Pressure Relief Valve	Included	
Energy Control Valve	N/A	
Case Drain Required	No	
Standard Output Shaft	65mm Rnd	75mm Sq
Weight (kg)	75	104
Overall Length (mm)	766	877
Diameter (mm)	240	240
HALO Available	Optional	
Recommended Auger	4 Series	6 Series
Max Auger Diameter Fracturable Rock*	600	900
Max Auger Diameter Clay/shale (mm)*	600	900
Max Auger Diameter Earth (mm)*	750	1,000

OUTPUT SPEED (RPM)

PDT3			PDT6		
Flow (LPM)	Low (RPM)	High (RPM)	Flow (LPM)	Low (RPM)	High (RPM)
20	22	43	20	14	27
25	27	54	25	17	34
30	32	65	30	20	41
35	38	75	35	24	48
40	43	86	40	27	55
45	49	97	45	31	61
50	54	108	50	34	68
55	59	119	55	38	75
60	65	129	60	41	82
65	70	140	65	44	89
70	75	151	70	48	96
75	81	162	75	51	102

OUTPUT TORQUE (NM)

PDT3			PDT6		
Pressure (Bar)	Low (Nm)	High (Nm)	Pressure (Bar)	Low (Nm)	High (Nm)
90	1,334	654	90	2,107	1,032
100	1,482	726	100	2,341	1,146
110	1,631	799	110	2,575	1,261
120	1,779	871	120	2,809	1,376
130	1,927	944	130	3,043	1,490
140	2,075	1,017	140	3,277	1,605
150	2,224	1,089	150	3,511	1,720
160	2,372	1,162	160	3,745	1,834
170	2,520	1,234	170	3,979	1,949
180	2,668	1,307	180	4,213	2,064
190	2,817	1,380	190	4,447	2,178
200	2,965	1,452	200	4,682	2,293

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.

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