THE FUTURE OF DRILLING

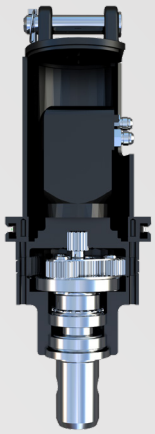
Digga's series of compact planetary drives form a comprehensive portfolio for the foundation boring, post hole drilling, and utility markets. Digga auger drives are manufactured right here in Australia, specifically for the diverse world-wide landscape.

The **PD** ***(Premium Drive)*** range of drilling drives has been the workhorse of the industry, featuring innovative designs and advanced features that keep it ahead of the game. With unique, ground-breaking advancements like the Digga Bell motor—engineered specifically for our attachments and utilizing Geroler technology by Danfoss, these drives deliver unmatched performance, efficiency, and reliability, setting the standard for drilling solutions worldwide.

HALO
AVAILABLE ON THESE DRIVES

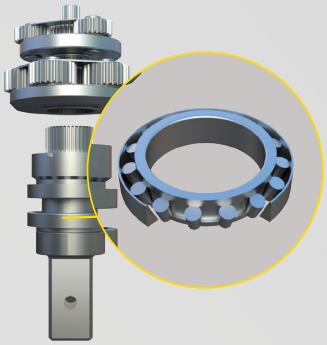
INDUSTRY LEADING PERFORMANCE

Innovative tech, such as the Digga Bell motor by Danfoss, eliminates the need for additional connection points and a sun gear adapter. This results in greater efficiency and a more compact drive design. The Digga/Danfoss Bell motor sets a new benchmark for performance and reliability.



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.



BUILT TOUGH

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

MICRO EXCAVATOR 750KG - 2T

REPUTATION: A legacy of unwavering quality and reliability.
PERFORMANCE: Exceptional Power to Weight Ratio.
EFFICIENCY: Fewer moving parts, increased efficiency.
2 PIECE SHAFT: Lifetime warranty on shaft pull.
AUSTRALIAN-MADE QUALITY: Since 1981

This series of drives is incredibly compact yet remarkably powerful, delivering exceptional performance for its size. Offering the best value in its class, it sets a new benchmark for efficiency and capability in compact drive technology. With exceptional output torque for its size, it integrates seamlessly with your micro excavator. Proof that great things come in small packages, its lightweight and compact design minimizes lift capacity loss, maximizing productivity and enhancing project efficiency.

MODEL	PDD	PDX	PDX2
Max Torque (Nm) @ 240 bar**	1,172	1,738	2,336
Recommended Flow Range (lpm)**	15-45	20-50	30-50
Motor Type	Danfoss 2K Bell		
Max Pressure - Do not exceed**	240 bar @ 63 lpm		
Max Flow - Do not exceed**	95lpm @ 158 bar		
Max Power Flow & Press Combined	25 kW (34 hp)		
Pressure Relief Valve	OPTIONAL		
Energy Control Valve	N/A		
Case Drain Required	NOT REQUIRED		
Standard Output Shaft	65mm Rnd	65mm Rnd	65mm Rnd
Weight (kg)	41	45	45
Overall Length (mm)	557	557	557
Diameter (mm)	187	187	187
HALO Available	Optional		
Recommended Auger	4 Series	4 Series	4 Series
Max Auger Diameter Fracturable Rock*	N/A	450	450
Max Auger Diameter Clay/shale (mm)*	400	450	450
Max Auger Diameter Earth (mm)*	500	600	600

OUTPUT SPEED (RPM)

PDD		PDX		PDX2	
LPM	RPM	LPM	RPM	LPM	RPM
15	49	20	44	30	50
20	66	25	55	35	58
25	82	30	66	40	66
30	98	35	77	45	75
35	115	40	88	50	83
40	131	45	99		
45	148	50	110		

OUTPUT TORQUE (NM)

PDD		PDX		PDX2	
BAR	NM	BAR	NM	BAR	NM
120	583	120	864	120	1,162
140	680	140	1,009	140	1,355
160	777	160	1,153	160	1,549
180	874	180	1,297	180	1,743
200	971	200	1,441	200	1,936
220	1,068	220	1,585	220	2,130
240	1,172	240	1,738	240	2,336

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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