

MICRO EXCAVATOR 750KG-2T



Features

- High quality EATON / DIGGA Bell motor
- Highly efficient design, less moving parts, increased efficiency
- Compact, powerful Digga planetary gearbox
- Drive can go down the hole for greater digging depth
- 2 Piece shaft, lifetime pullout warranty
- Low maintenance with industry leading warranty

Model	PDD	PDX	PDX2	PDX3
Min Rec Flow	15 lpm	20 lpm	30 lpm	30 lpm
Max Rec Flow	45 lpm	50 lpm	50 lpm	55 lpm
Max Torque (Nm) @ 240 bar	1,171	1,743	2,307	2,831
Pressure Valve Fitted	Optional	Optional	Optional	Optional
Max Pressure - Do not exceed	240 Bar @ 60 lpm			
Max Flow - Do not exceed	95 lpm @ 160 Bar		115 lpm @ 130 Bar	
Power - Do not exceed	Do not exceed 25 Kw (34HP)			
Overall Length (mm)	500	557	557	579
Diameter (mm)	187	187	187	187
Weight (kg) - No linkage & hitch	41	45	45	45
STD Output Shaft	65mm Round	65mm Round	65mm Round	65mm Round
Swing Control (SCS)	NA	NA	NA	NA
Diggalign (Auger Alignment)	NA	NA	NA	NA
Recommended Auger Diameter				
Recommended Auger	A4/RC4	A4/RC4	A4/RC4	A4/RC4
Max Auger Dia Clay/Shale*	400mm	400mm	450mm	450mm
Max Auger Dia Earth*	500mm	500mm	600mm	600mm

OUTPUT SPEED AND TORQUE

PDD				PDX				PDX2				PDX3			
Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
15	49	120	585	20	44	120	871	30	50	120	1,154	30	41	120	1,415
20	65	140	683	25	55	140	1,017	35	58	140	1,346	35	47	140	1,651
25	82	160	780	30	66	160	1,162	40	66	160	1,538	40	54	160	1,887
30	98	180	878	35	77	180	1,307	45	75	180	1,731	45	61	180	2,123
35	114	200	975	40	88	200	1,452	50	83	200	1,923	50	68	200	2,359
40	131	220	1,073	45	99	220	1,598			220	2,115	55	74	220	2,595
45	147	240	1,171	50	110	240	1,743			240	2,307			240	2,831

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.