

MINI EXCAVATOR 2T - 5T



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	PDX2	PDX3	PD3	PD4	PD5	PD6
Min Rec Flow	30 lpm	30 lpm	45 lpm	55 lpm	60 lpm	70 lpm
Max Rec Flow	50 lpm	55 lpm	75 lpm	85 lpm	95 lpm	115 lpm
Max Torque (Nm) @ 240 bar	2,307	2,831	3,544	4,448	5,151	5,596
Pressure Valve Fitted	Optional	Optional	Optional	Optional	Optional	Optional
Max Pressure - Do not exceed	240 Bar @ 60 lpm					
Max Flow - Do not exceed	115 lpm @ 130 Bar					
Power - Do not exceed	25 Kw (34HP)					
Overall Length (mm)	557	579	579	579	579	730
Diameter (mm)	187	187	240	240	240	240
Weight (kg) - No linkage & hitch	45	45	57	58	67	89
STD Output Shaft	65mm Round	65mm Round	65mm Round	75mm Square	75mm Square	75mm Square
Swing Control (SCS)	NA	NA	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	NA	NA	Optional	Optional	Optional	Optional
HALO (Auger Alignment)	NA	NA	Optional	Optional	Optional	Optional
RECOMMENDED AUGER DIAMETER						
Recommended Auger	A4/RC4	A4/RC4	A4/RC4	A4/RC4	A6/RC6	A6/RC6
Max Auger Dia Clay/Shale*	450mm	450mm	600mm	750mm	900mm	900mm
Max Auger Dia Earth*	600mm	600mm	750mm	900mm	1000mm	1000mm

OUTPUT SPEED AND TORQUE

PDX2				PDX3				PD3			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
LPM	RPM	BAR	NM	LPM	RPM	BAR	NM	LPM	RPM	BAR	NM
30	50	120	1,154	30	41	120	1,415	45	49	120	1,772
35	58	140	1,346	35	47	140	1,651	50	54	140	2,068
40	66	160	1,538	40	54	160	1,887	55	59	160	2,363
45	75	180	1,731	45	61	180	2,123	60	65	180	2,658
50	83	200	1,923	50	68	200	2,359	65	70	200	2,954
		220	2,115	55	74	220	2,595	70	75	220	3,249
		240	2,307			240	2,831	75	81	240	3,544

PD4				PD5				PD6			
OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE		OUTPUT SPEED		OUTPUT TORQUE	
LPM	RPM	BAR	NM	LPM	RPM	BAR	NM	LPM	RPM	BAR	NM
55	47	120	2,224	60	45	120	2,575	70	48	120	2,798
60	52	140	2,595	65	48	140	3,005	75	51	140	3,265
65	56	160	2,966	70	52	160	3,434	80	55	160	3,731
70	60	180	3,336	75	56	180	3,863	85	58	180	4,197
75	64	200	3,707	80	59	200	4,292	90	61	200	4,664
80	69	220	4,078	85	63	220	4,721	95	65	220	5,130
85	73	240	4,448	90	67	240	5,151	100	68	240	5,596
				95	70			105	72		
								110	75		
								115	79		

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.