

TRUCK CRANE/TELEHANDLER



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	PD7	PD8
Min Rec Flow	30 lpm	30 lpm	45 lpm	55 lpm	60 lpm	70 lpm	75 lpm	80 lpm
Max Rec Flow	50 lpm	55 lpm	75 lpm	85 lpm	95 lpm	115 lpm	115 lpm	115 lpm
Max Torque (Nm) @ 240 bar	2,307	2,831	3,544	4,448	5,151	5,596	6,040	7,024
Pressure Valve Fitted	Optional	Optional	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 (34 HP)							
Overall Length (mm)	557	579	579	579	579	730	734	854
Diameter (mm)	187	187	240	240	240	240	240	290
Weight (kg) - No linkage & hitch	45	45	57	58	67	89	90	107
STD Output Shaft	65mm	65mm	65mm	75mm	75mm	75mm	75mm	75mm
	Round	Round	Round	Square	Square	Square	Square	Square
Swing Control (SCS)	NA	NA	Optional	Optional	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	NA	NA	Optional	Optional	Optional	Optional	Optional	Optional
HALO (Auger Alignment)	NA	NA	Optional	Optional	Optional	Optional	Optional	NA
RECOMMENDED AUGER DIAMETER								
Recommended Auger	A4/RC4	A4/RC4	A4/RC4	A4/RC4	A6/RC6	A6/RC6	A6/RC6	A6/RC6
Max Auger Dia Clay/Shale*	450mm	450mm	600mm	750mm	900mm	900mm	900mm	1000mm
Max Auger Dia Earth*	600mm	600mm	750mm	900mm	1000mm	1000mm	1000mm	1200mm

OUTPUT SPEED AND TORQUE

PDX2				PDX3				PD3				PD4			
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
30	50	120	1,154	30	41	120	1,415	45	49	120	1,772	55	47	120	2,224
35	58	140	1,346	35	47	140	1,651	50	54	140	2,068	60	52	140	2,595
40	66	160	1,538	40	54	160	1,887	55	59	160	2,363	65	56	160	2,966
45	75	180	1,731	45	61	180	2,123	60	65	180	2,658	70	60	180	3,336
50	83	200	1,923	50	68	200	2,359	65	70	200	2,954	75	64	200	3,707
		220	2,115	55	74	220	2,595	70	75	220	3,249	80	69	220	4,078
		240	2,307			240	2,831	75	81	240	3,544	85	73	240	4,448

PD5				PD6				PD7				PD8			
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
60	45	120	2,575	70	48	120	2,798	75	47	120	3,020	80	44	120	3550
65	48	140	3,005	75	51	140	3,265	80	51	140	3,523	85	46	140	4100
70	52	160	3,434	80	55	160	3,731	85	54	160	4,027	90	49	160	4700
75	56	180	3,863	85	58	180	4,197	90	57	180	4,530	95	52	180	5300
80	59	200	4,292	90	61	200	4,664	95	60	200	5,034	100	54	200	5850
85	63	220	4,721	95	65	220	5,130	100	63	220	5,537	105	57	220	6450
90	67	240	5,151	100	68	240	5,596	105	66	240	6,040	110	60	240	7050
95	70			105	72			110	70			115	63		
				110	75			115	73						
				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.