

## 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 |
| <b>Recommended Auger Diameter</b> |                   |          |          |          |          |          |          |          |
| 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.