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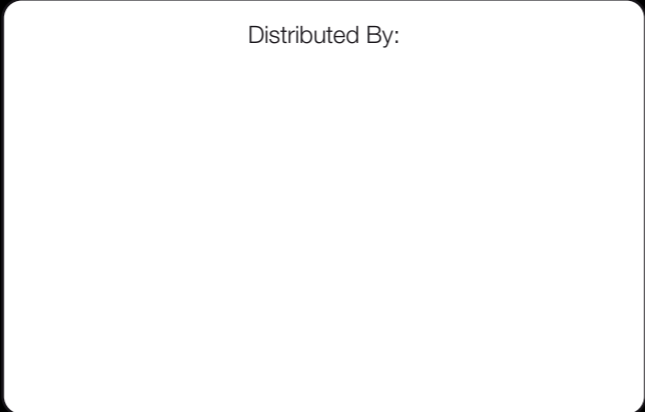
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**WHEEL EXCAVATOR**  
**PP180W-XI**



**CORPORATE OVERVIEW**

POWERPLUS GROUP INC., USA, a leading global manufacturer of a comprehensive range of construction equipment, is part of Worldwide Techno-Equipment Group (1973) Pte Ltd. Established since 1973, POWERPLUS GROUP has evolved into a world-renowned organization that offers machinery unparalleled in price, quality and performance.

POWERPLUS machinery is manufactured with enhanced capacities to exceed even the most stringent international standards of quality and safety. With the aim of producing machinery that is able to withstand even the most extreme climatic conditions and rugged terrains, POWERPLUS Research & Development team which has its Headquarters in the United States, has been the backbone behind all its innovative engineering solutions.

Optimizing the best of technology from the United States, Europe and Japan, POWERPLUS machinery is configured to its ideal technical capabilities. A multinational team of engineers analyzes the data collected from our network of distributors worldwide and are on the constant lookout for ways to maximize the life-span of POWERPLUS machinery.

Today the Company's clientele spans over 100 countries across 6 continents.

At the forefront of setting quality standards, every POWERPLUS machine undergoes a technical review after 2 years and is tested rigorously before a new model is churned out of its production facility.

With an emphasis on delivering value and excellent after-sales service to our customers, the POWERPLUS experience outshines and outclasses its competitors in all aspects.

**INTRODUCING THE WORLD'S BEST EXCAVATORS**

POWERPLUS Excavators can be counted on to deliver unparalleled performance and unmatched versatility. Easy to maintain, efficient engines and powerful hydraulics make POWERPLUS Excavators the most reliable in the industry.

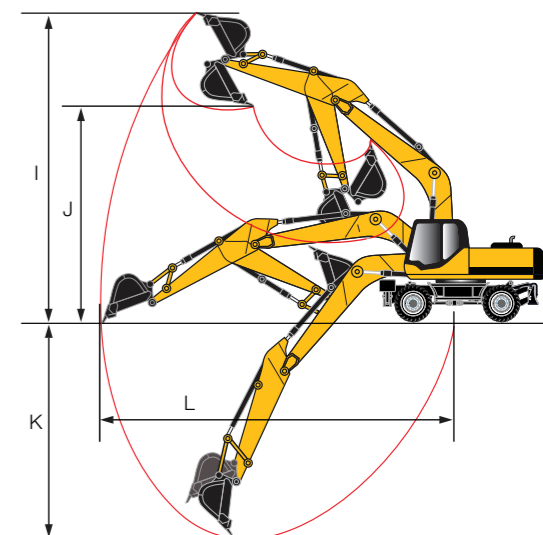
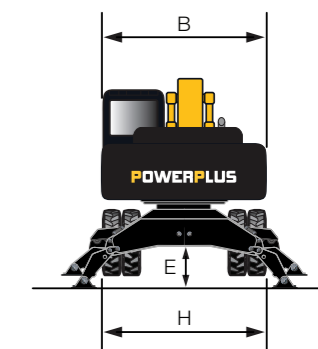
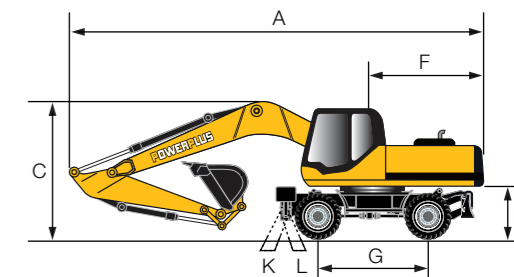
Combining engineering excellence with a dedication to quality, POWERPLUS Excavators are made durable and hardy to meet the challenges of various applications. With a full line of models, there is a POWERPLUS Excavator to fuel your every mining or construction need. POWERPLUS Excavators are known for their exceptional durability, industry leading technology and innovation.

When it comes to cost efficiency, POWERPLUS Excavators make for one of the lowest cost-per-ton options for moving materials in their class, giving you significant savings and better ROI.

**KEY COMPONENTS**

- Cummins engine
- PNM FK main pump
- PNM FK swing pump
- HF main valve
- Italian technology heat treatment bucket teeth

| MAIN SPECIFICATION        |                       |       |      |
|---------------------------|-----------------------|-------|------|
| Operating Weight          | kg                    | 16500 |      |
| Rated Bucket Capacity     | m <sup>3</sup>        | 0.8   |      |
| Maximum Digging Force     | kN                    | 100   |      |
| Swing Speed               | rpm                   | 12    |      |
| Maximum Gradeability      | °                     | 25    |      |
| Travel Speed              | km/h                  | 35    |      |
| ENGINE                    |                       |       |      |
| Model                     | Cummins 6BTAA5.9-C178 |       |      |
| Rated Power               | HP                    | 178   |      |
| Rated Speed               | rpm                   | 2200  |      |
| Emission                  | Euro II               |       |      |
| HYDRAULIC SYSTEM          |                       |       |      |
| Main Pump                 | PNM FK                |       |      |
| Swing Pump                | PNM FK                |       |      |
| Main Valve                | HF                    |       |      |
| Working Pressure          | MPa                   | 32    |      |
| DIMENSIONS                |                       |       |      |
| Overall Length            | A                     | mm    | 8050 |
| Overall Width             | B                     | mm    | 2500 |
| Overall Height            | C                     | mm    | 3255 |
| Counterweight Clearance   | D                     | mm    | 1270 |
| Minimum Ground Clearance  | E                     | mm    | 270  |
| Rear Swing Radius         | F                     | mm    | 2335 |
| Wheelbase                 | G                     | mm    | 2600 |
| Tread                     | H                     | mm    | 1955 |
| WORKING RANGE             |                       |       |      |
| Maximum Digging Height    | I                     | mm    | 8800 |
| Maximum Dumping Height    | J                     | mm    | 6310 |
| Maximum Digging Depth     | K                     | mm    | 5350 |
| Maximum Digging Reach     | L                     | mm    | 8363 |
| SERVICE REFILL CAPACITIES |                       |       |      |
| Fuel Tank                 | L                     | 220   |      |
| Hydraulic Oil Tank        | L                     | 200   |      |
| Engine Oil Capacity       | L                     | 11    |      |
| TIRE                      |                       |       |      |
| Size                      | 10.0-20               |       |      |



**ATTACHMENTS**

SHEAR      ROCK BUCKET      GRAPPLE



CLAMSHELL BUCKET      HYDRAULIC BREAKER      BUCKET CRUSHER

