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Distributed By:



**MATERIAL
HANDLER**

PP450E-XI

PP600E-XI

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CORPORATE OVERVIEW

POWERPLUS GROUP INC., USA, is a leading global manufacturer of a comprehensive range of construction equipment. 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 MATERIAL HANDLERS

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

Combining engineering excellence with a dedication to quality, POWERPLUS Material Handlers are made durable and hardy to meet the challenges of various applications. With a full line of models, there is a POWERPLUS handling machine to provide perfect solutions for port handling operations. POWERPLUS Material Handlers are known for their exceptional durability, industry leading technology and innovation.

When it comes to cost efficiency, POWERPLUS Material tHandler 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 (USA)
- Kawasaki hydraulic main pump (Japan)
- Adopting Komatsu undercarriage design
- Italian technology heat treatment bucket teeth

ATTACHMENTS



GENERAL		PP450E-XI (15M BOOM)	PP600E-XI (18M BOOM)
Operating Weight	kg	43,500	58,000
Bucket Capacity	m³	1.5	2.0
Grapple Capacity	m³	0.8	1.0
Fuel Tank Capacity	L	595	650
ENGINE			
Model		Cummins 6LTAA8.9	Cummins QSM11
Rated Power	hp	324	340
Rated Speed	rpm	2,000	1,800
HYDRAULIC SYSTEM			
Model		KPM K5V160DT	KPM K5V200DT
Maximum Flow	L/min	320 x 2	360 x 2
Working Pressure	MPa	37	37
Hydraulic Tank Volume	L	310	480
OPERATION			
Travel Speed (High / Low)	km/h	5.2 / 3.3	5.2 / 3.3
Maximum Lifting Force	kg	15,800	26,000
Traction	kN	256	376
Gradeability	%	50	50
DIMENSIONS			
Overall Length	mm	14,300	15,900
Overall Width	mm	3,190	3,340
Overall Height (Top of Boom)	mm	3,400	3,350
Overall Height (Top of Cabin)	mm	3,280	3,360
Height of Cabin (Raised)	mm	5,850 (Lift)	5,850 (Lift)
Counterweight Ground Clearance	mm	1,200	1,320
Tail Turning Radius	mm	3,650	4,960
Track Length on Ground	mm	4,030	4,420
Track Length	mm	4,955	5,470
Track Gauge	mm	2,590	2,740
Track Width	mm	3,190	3,340
Track Shoe Width	mm	600	600
Turntable Width	mm	2,995	3,050
Ground Length (During Transportation)	mm	7,850	9,550
Boom Length	mm	9,600	10,500
Arm Length	mm	6,000	7,500
WORKING RANGE			
Maximum Grab Radius	mm	16,100	16,700
Maximum Grab Height	mm	14,500	15,600
Maximum Crawl Depth	mm	8,300	9,700
Liftin Weight at Max Radius (Including Attachments)	kg	4,000	5,000

