



**POWERPLUS**<sup>®</sup>  
POWERPLUS GROUP INC., USA



**DUMP TRUCK**  
**PD680TC-III**

## 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.

## POWERPLUS DUMP TRUCKS

POWERPLUS Dump Trucks which adopts MAN technology from Germany have the bearings of a highly fuel-efficient engine, superbly luxurious in-cab experience that entails comfortable driving, taking productivity and efficiency to another level altogether. Its spectacular driving experience makes POWERPLUS Dump Trucks ideal for long haul transportations and mining applications. Strength, reliability and durability, POWERPLUS Dump Trucks allow you to get the configuration you need for any job at hand.

POWERPLUS Dump Trucks. Maximize your bottom line with optimized fuel efficiency.

## KEY COMPONENTS

1. Cummins ISME385 30 Engine
2. 10 Forward, 2 Reverse FAST transmission, FULLER (USA) technology
3. MAN (Germany) heavy-duty chassis technology
4. ZF (Germany) steering technology
5. FUJI (Japan) front hoisting mechanism
6. 12.00R20 Radial-type tires
7. XENON / HID head lights
8. Reverse camera with LED monitor
9. POWERPLUS cabin with continental interior styling

## TECHNICAL SPECIFICATIONS

PD680TC-III		UNIT	
<b>MAIN SPECIFICATION</b>	Max. Laden Mass	kg	33000
	Kerb Mass	kg	14500
	GVM	kg	44500
	Overall Length	mm	8350
	Overall Width	mm	2500
	Overall Height	mm	3500
	Maximum Gradeability	%	34
	Maximum Speed	km/h	72
	Wheelbase	mm	3975+1400
<b>DUMP BODY</b>	Length	mm	5600
	Width	mm	2300
	Height	mm	1500
	Bottom Thickness	mm	8
	Side Thickness	mm	6
	Dump Body Capacity	m <sup>3</sup>	19
<b>ENGINE</b>	Model	CUMMINS ISME385 30	
	Rated Power	HP	385
	Rated Speed	rpm	1900
	Emission	Euro III	
	Displacement	L	10.8
<b>TRANSMISSION</b>	Model	FAST 10JSD180, FULLER (USA) Technology	
	No. of Gears	10 Forward & 2 Reverse	
<b>AXLE</b>	Front	9 .5T (MAN Technology)	
	Rear	16T (MAN Technology) Double reduction rear axle	
<b>BRAKE</b>	Service Brake	Dual circuit compressed air brake	
	Parking Brake	Air discharge with spring control	
<b>SUSPENSION</b>	Type	Front+ Rear multi leaf springs	
<b>FUEL</b>	Tank Capacity	L	400
<b>TIRE</b>	No. of Tire	10 + 1	
	Tire Size	12.00R20	
	Axle Drive	6 x 4	
<b>Cabin</b>	Type	POWERPLUS continental interior styling with air conditioning. MP3/Radio, double doors and sleeper.	





**HID LIGHTS**



**TIPPABLE CABIN**



**DASHBOARD WITH REAR VIEW CAMERA**



**LCD COMBINED INSTRUMENT**



**CUMMINS ENGINE**



**FAST 10JSD180 TRANSMISSION**



**MAN TECHNOLOGY AXLE**



**RADIAL TIRES**

[www.powerplus.us](http://www.powerplus.us)


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