



POWERPLUS
POWERPLUS GROUP INC., USA



EXCAVATOR
PP1000E-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.

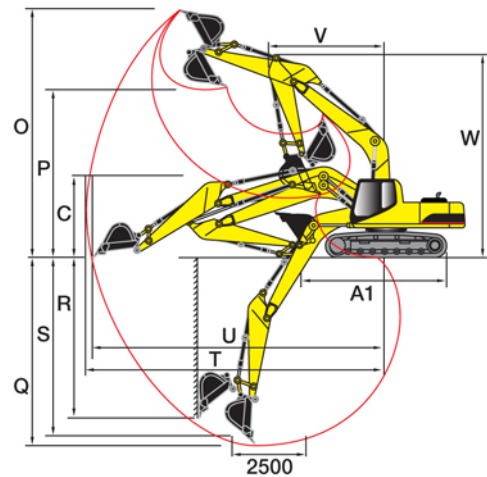
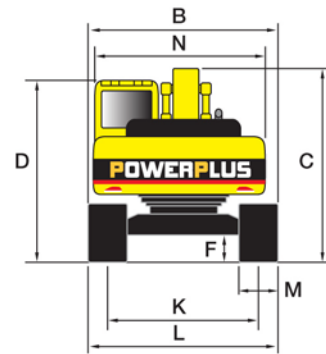
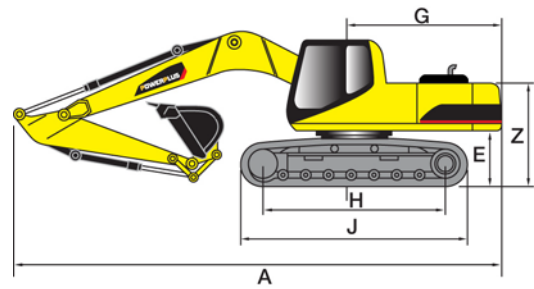
Combining engineering excellence with a dedication to quality, POWERPLUS Excavators are made durable and hardy to meet the challenges of various applications. With a full line of models, there is a POWERPLUS Excavator to fuel your every mining or construction need. POWERPLUS Excavators are known for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

- SCANIA engine
- Kawasaki hydraulic main pump
- Italian technology heat treatment bucket teeth

MAIN SPECIFICATION			
Operating Weight	kg		98000
Rated Bucket Capacity	m ³		6.5
Maximum Digging Force	kN		477
Swing Speed	rpm		6.5
Boom Length	mm		7250
Arm Length	mm		2930
Maximum Gradeability	°		35
ENGINE			
Model		SCANIA DC16	
Rated Power	hp		780
Rated Speed	rpm		2000
Displacement	L		16.4
No. of Cylinders			8
Emission		EURO III	
UNDERCARRIAGE			
Travel Speed (High/Low)	km/h		3.53/2.39
Ground Pressure	kPa		130
Track Rollers			9
Carrier Rollers			3
No. Of Tracks			52
HYDRAULIC SYSTEM			
Main Pump		Kawasaki	
Maximum Flow	L/min		550 x 2
Working Pressure	MPa		37
DIMENSION			
Overall Length	A	mm	13870
Overall Width	B	mm	4451
Overall Height (To Top Of Boom)	C	mm	5347
Overall Height (To Top Of Cab)	D	mm	3920
Counterweight Ground Clearance	E	mm	1728
Minimum Ground Clearance	F	mm	940
Rear Swing Radius	G	mm	4711
Track Ground Length	H	mm	5200
Track Length	J	mm	6445
Track Gauge	K	mm	3510/2750
Track Width	L	mm	4160/3400
Track Shoe Width	M	mm	650
Turntable Width	N	mm	3482
Minimum Swing Radius	V	mm	5612
Maximum Height At Min Swing Radius	W	mm	10686
Height of Counterweight	Z	mm	3750
Ground Length (Transportation)	A1	mm	8905
SERVICE REFILL CAPACITY			
Fuel Tank	L		1300
Hydraulic Tank	L		695
Engine Oil	L		47
Coolant	L		54
WORKING RANGE			
Maximum Digging Height	O	mm	12670
Maximum Dumping Height	P	mm	8345
Maximum Digging Depth	Q	mm	6956
Maximum Vertical Digging Depth	R	mm	4860
Maximum Digging Depth For 2.5M	S	mm	6805
Maximum Digging Reach	T	mm	12560
Maximum Digging Reach At Ground Level	U	mm	12180



OPTIONAL ATTACHMENTS

SHEAR

ROCK BUCKET

GRAPPLE



CLAMSHELL BUCKET

HYDRAULIC BREAKER

BUCKET CRUSHER



WWW.POWERPLUS.US

International Division

POWERPLUS GROUP PTE. LTD.

Powerplus Building
39 Ubi Crescent, Singapore 408587
Tel: (65) 63399333
Fax: (65) 63399933
Email: enquiry@powerplus.us

Research & Development Facility

POWERPLUS GROUP INC., U.S.A.

2130 N. Arrowhead Avenue,
San Bernardino, CA 92405, USA
Tel: (1) 909 300 3333
Fax: (1) 909 323 3333
Email: hq@powerplus.us

Distributed By:

 **POWERPLUS** is the registered TM of  **POWERPLUS GROUP INC., USA**
In the United States of America & Worldwide

All rights of manufacturer and of this book reserved. Unauthorized duplication is a violation of application law.