



POWERPLUS®
POWERPLUS GROUP INC., USA



BACKHOE LOADER

PBL380S • PBL480R • PBL480R-II • PBL480T

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.



VALUE-ADDED MACHINES WITH MAXIMIZED DURABILITY

POWERPLUS Backhoe Loaders are the most versatile equipment able to satisfy every operational need, be it for loading materials or digging trenches. By getting one backhoe loader you are getting two machines in one, saving operational cost and improving efficiency. Thus, making backhoe loaders so popular for operations in construction, agriculture, or even road building industries.

The main POWERPLUS Backhoe Loaders' higher efficiency and effectiveness formula rest in the careful selection of premium parts and components from all over the world. Designed to perform, POWERPLUS Backhoe Loaders are manufactured with high international standards that are built to withstand harsh working conditions.

OPERATOR'S COMFORT AND INCREASED PRODUCTIVITY

- Noise and shock reduction cabin for better comfort and reduced operator's fatigue.
- Wide operational view with improved visibility to perform even high detailed operations.
- ROPS/FOPS cabin with personalized amenities including POWERPLUS adjustable suspension seat, MP3 player, and air-conditioning.
- Cabin designed with wide leg-room space and in-cab storage – in order to increase operator's comfort. Consequently, higher operator's comfort results in better productivity and efficiency of work in general.



PERKS FOR END-USERS

- CARRARO* transmission and axles with excellent performance and reliability.
- Advanced manufacturing process and thorough quality control before any machine leaves factory premises ensuring longer backhoe loader's life expectancy.
- Wide range of additional attachments and customized approaches make POWERPLUS Backhoe Loaders suitable for any operational needs.
- Routine check-up, daily preparation for operations and even scheduled maintenance service become an easy task with increased access to the backhoe loader parts and components.
- Increased maneuverability for the hassle-free drive around the site.



MINIMIZED ENVIRONMENTAL IMPACT

- Backhoe loaders are manufactured according to international safety and environmental standards.
- Fuel efficiency and good control systems for low emission levels.
- Up to 90% of recyclable parts and quality parts for a longer lifespan.

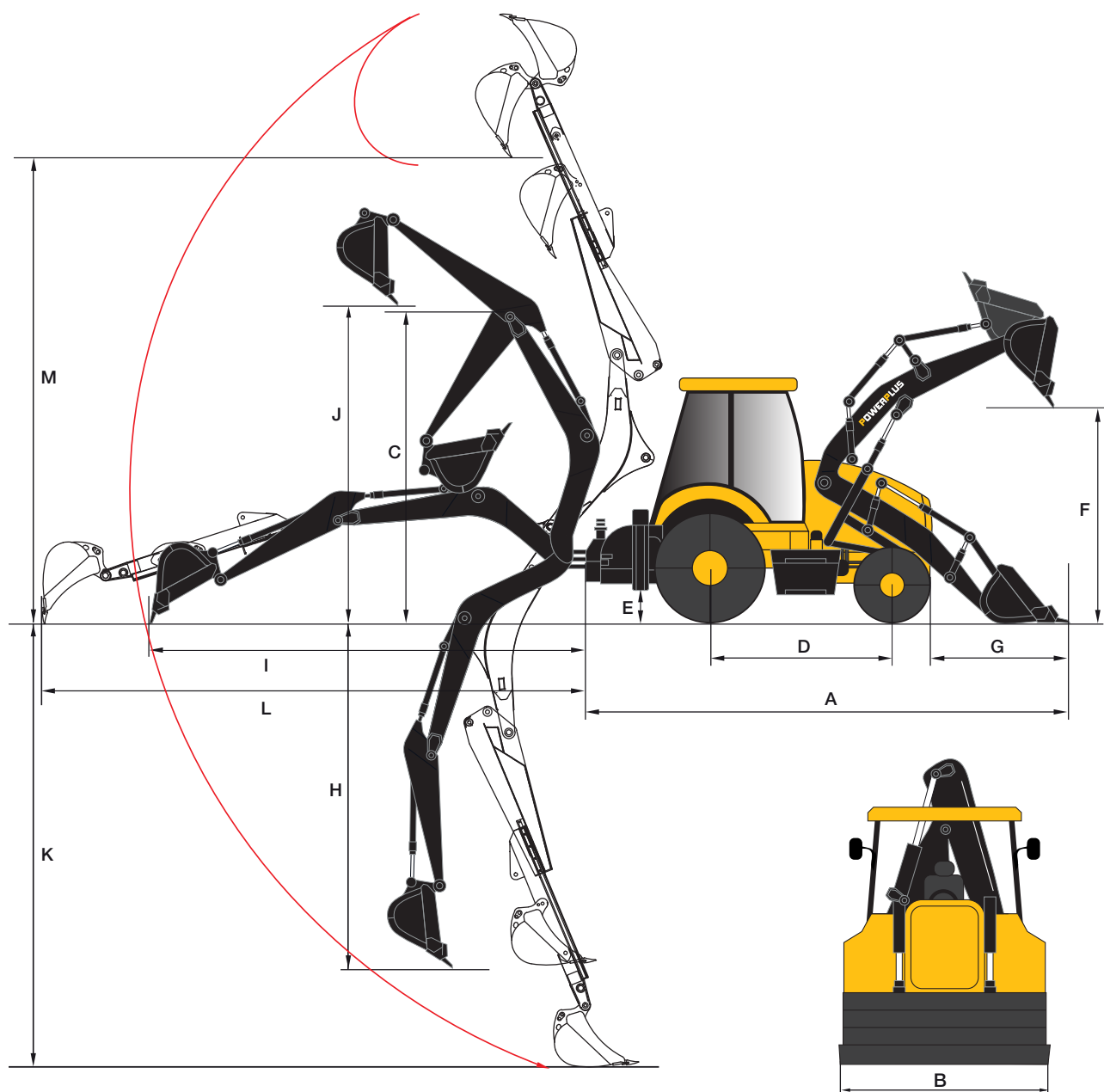


BACKHOE LOADER		PBL380S	PBL480R	PBL480R-II	PBL480T
Operating Weight	kg	7600	8200	8200	8200
Wheelbase	mm	2155	2200	2200	2280
Minimum Ground Clearance	mm	275	300	300	300
ROPS Cabin		•	N.A	•	•
PERFORMANCE					
LOADER					
Bucket Capacity	m³	1.0	1.0	1.0	1.0
Breakout Force	kN	60	58	58	60
Loading Capacity	kg	1700	2500	2500	2500
Bucket Dumping Height	mm	2714	2742	2742	2742
Bucket Dumping Distance	mm	845	893	893	893
BACKHOE					
Bucket Capacity	m³	0.3	0.3	0.3	0.3
Maximum Digging Depth	mm	4405	4085	4085	4085
Maximum Drawing Force	kN	60	65	65	65
TRAVEL					
No. Of Gears		4 Forward & 4 Reverse	2 Forward & 2 Reverse	2 Forward & 2 Reverse	4 Forward & 3 Reverse
Maximum Traveling Speed	km/h	38	28	28	38
ENGINE					
Model		DEUTZ WP4G95E221	CUMMINS 4BTA3.9-C100	CUMMINS 4BTA3.9-C100	CUMMINS 4BTA3.9-C100
Rated Power	hp	95	100	100	100
Rated Speed	rpm	2200	2200	2200	2200
TRANSMISSION SYSTEM					
Model		CARRARO	FUJI	FUJI	CARRARO
Torque Converter Type		Single stage, three elements	Single stage, three elements	Single stage, three elements	Single stage, three elements
Transmission Type		Synchromesh mechanical shift	Powershift	Powershift	Countershaft powershift
STEERING					
System Type		Front wheel steering	Front wheel steering	Front wheel steering	Front wheel steering
System Pressure	MPa	14	12	12	12
Steering Angle	° +/-	55	36	36	36
AXLE					
Model		CARRARO	FUJI	FUJI	CARRARO
Type Of Final Reducer		Single stage	Single stage	Single stage	Single stage
Front / Rear Wheel Pressure	MPa	0.44 / 0.24	0.55 / 0.22	0.55 / 0.22	0.3 / 0.22
Axle Drive		4x4	4x4	4x4	4x4
TIRE					
Front		12-16.5TL-12PR	14-17.5NHS-16 PR	14-17.5NHS-16 PR	14-17.5NHS-16 PR
Rear		19.5L-24TL-12PR	19.5L-24-14PR	19.5L-24-14PR	19.5L-24-14PR
BRAKE SYSTEM					
Service Brake		Wet type brake	Air over oil caliper brake	Air over oil caliper brake	Wet type brake
Emergency Brake		Manual	Manual	Manual	Manual

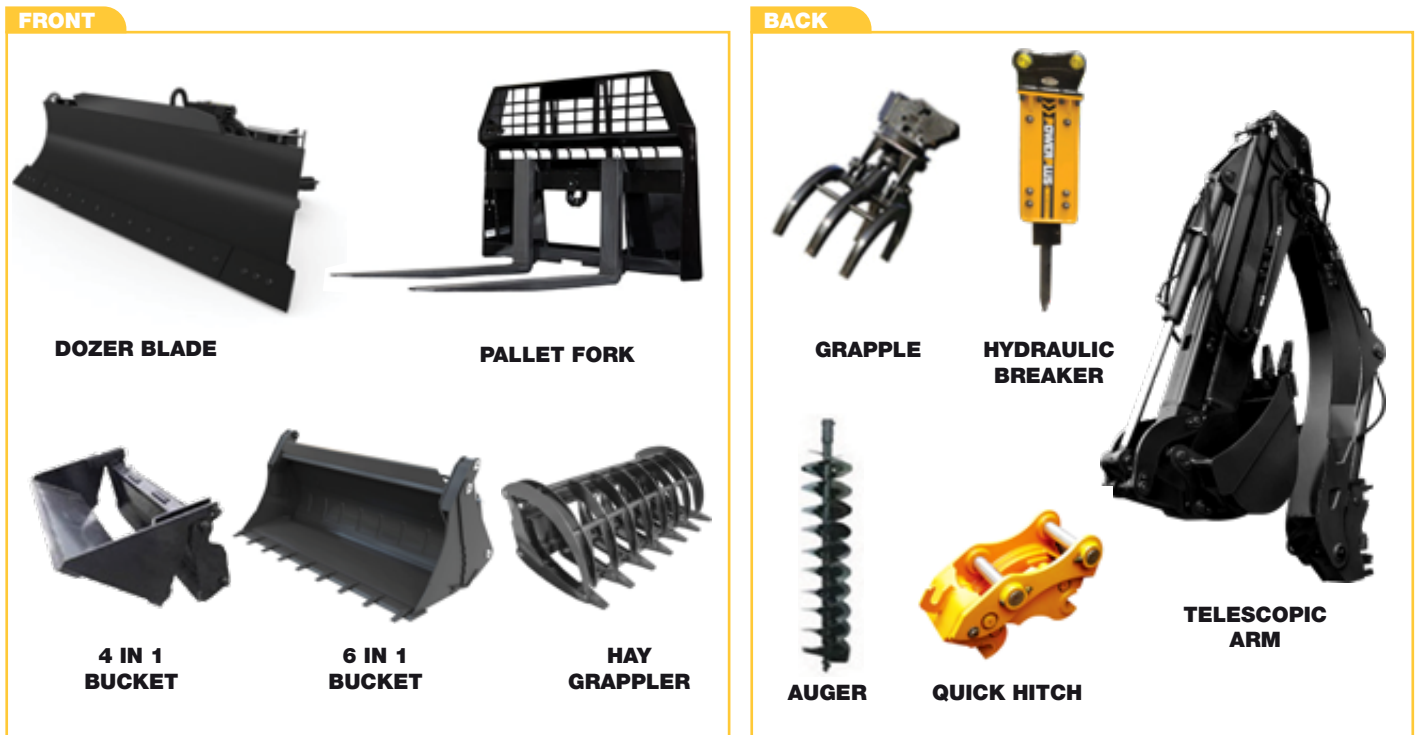
● STANDARD ○ OPTIONAL N.A NOT APPLICABLE

DIMENSIONS			PBL380S	PBL480R	PBL480R-II	PBL480T
A	Length	mm	5597	6100	6100	6230
B	Width	mm	2313	2365	2365	2365
C	Height	mm	3424	3752	3752	3752
D	Wheelbase	mm	2155	2200	2200	2280
E	Minimum Ground Clearance	mm	275	300	300	300
F	Bucket Dumping Height	mm	2714	2742	2742	2742
G	Bucket Dumping Distance	mm	845	893	893	893
H	Maximum Digging Depth	mm	4405	4085	4085	4085
I	Maximum Reach	mm	5481	5467	5467	5467
J	Maximum Dumping Height	mm	3737	3795	3795	3795
K	Maximum Digging Depth (Telescopic Arm)	mm	N.A	5213	5213	5213
L	Maximum Reach (Telescopic Arm)	mm	N.A	6528	6528	6528
M	Maximum Dumping Height (Telescopic Arm)	mm	N.A	4840	4840	4840

N.A NOT APPLICABLE



ATTACHMENTS



*Availability of equipment may varies across different regions. Kindly consult your POWERPLUS territory sales personnel for details.

GLOBAL NETWORK DISTRIBUTION

POWERPLUS is committed to creating long-term value for its customers, partners and stakeholders. Our Service Centers are strategically located in major construction, industrial and manufacturing hubs in key regions around the world.

Given our years of experience in the industry, it is no doubt that our customers can always rely on us for the expertise, services and solutions we provide. Most importantly, you will find our after-sales service a satisfying experience at all our Service Centers worldwide.



DURABILITY, RELIABILITY & AFFORDABILITY

POWERPLUS Parts and Service Centers provides a convenient channel for you to order the original spare parts through a network of highly certified OEM manufacturers and an effective distribution of spare parts through our global network of vendors.

From determining the correct part number to locating and ordering, we are committed to working round-the-clock for timely solutions and delivery to ensure we serve our customers promptly and efficiently.

Coupled with affordable parts prices and high interchangeability across the POWERPLUS machinery range, we take pride in being able to offer value to our customers with cost-effective solutions. Most importantly, you are able to retain the machines with high residual value to enhance your return on investment.



SERVICE

Delivering Unsurpassed Customer Service - Because You Matter.

Our dedicated team of customer service executives, skilled engineers and technicians are well-trained to ensure timely and propitious support throughout the customer life cycle. With a comprehensive dealer network coverage and service facilities support, POWERPLUS dedicated team of account managers and service teams from the Customer Service Charter are trained to respond to your queries and requests promptly and efficiently.

To deliver more, our service package includes educating our customers with training, maintenance and servicing to ensure customers are empowered to utilize the machines at its best; therefore optimizing the machine's performance and increasing uptime.

At POWERPLUS, we strive to build and maintain long-term relationships with each and every client based on trust, integrity and professionalism.



www.powerplus.us

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