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**Research & Development Facility** 

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ABOUT US

### **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.



### **ENGINEERED FOR OPTIMAL DURABILITY**

- Pushing new boundaries, POWERPLUS range of motor graders offers high-level performance and flexibility with the objective of ensuring optimal accuracy for the most delicate tasks.
- Through hours of testing performed in different terrains, altitudes and climatic conditions, POWERPLUS has built their finest grader which delivers exceptional durability, unparalleled control as well as grading precision with smooth gear and directional changes.
- Engineered with field-proven components for powerful and reliable service life, this new generation multi-purpose construction machine ensures consistent quality and results whether you are building a road, trenching, scarifying or land grading.

## CONDUCIVE WORKING ENVIRONMENT FOR OPERATOR'S COMFORT AND INCREASED PRODUCTIVITY

- Fully enclosed ergonomic cabin designed to keep operators comfortable and productive, complete with adjustable control console, POWERPLUS air-suspension seats, ample storage space, MP3 player and air-conditioning.
- Sound-resistant cabin built to reduce external noise and dampen vibration levels to enhance operator's concentration and comfort.
- Streamline dashboard with well-displayed instrument panel for easy monitoring of all vital information and functions onboard.

### **PERKS FOR END-USERS**

- Choice of CAT or CUMMINS engine for maximum power and fuel efficiency.
- Smooth-shifting transmission allows consistent, easy and seamless operation.
- Balanced hydraulic flow that delivers consistent, precise and responsive control.
- High-strength reinforced frame structure for a solid working platform.
- International warranty coverage promises to deliver years of trouble-free service and quality assurance.

### MINIMIZED ENVIRONMENTAL IMPACT

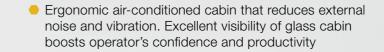
- Motor graders manufactured to meet international safety and environmental standards.
- The careful selection of premium parts and technology enables maximum productivity and lowers fuel consumption and emission levels.
- Up to 80% of recyclable parts for a clean and green environment.













POWERTRAIN



### **ENGINE**

POWERPLUS Motor Graders come equipped with CAT3306B(L) or CUMMINS 6BTA / 6CTA series engine to provide unparalleled performance, superior reliability, lower fuel consumption and emissions levels.

For improved spare parts availability, the POWERPLUS' Engineering Team has selected world-renowned engines that are covered under an international warranty package. This enables end-users from across the globe to conveniently tap on the OEM's service network when required.



### **TRANSMISSION**

To achieve a top-notch grade, power delivered through the transmission to the axles ought to be seamless.

POWERPLUS Motor Graders are equipped with ZF6WG180(L) / ZF6WG200 which produces excellent gear-shifting quality that all operators desire, without any interruptions to the tractive force. It is purposefully designed with extremely short shafts to prevent gear-meshing faults.



### **FULL-FLOATING REAR TANDEM AXLES**

As graders are required to adapt to a multitude of ground conditions, the rear axles ought to produce smooth movements coupled with high pulling force.

POWERPLUS produces its very own full-floating rear tandem axles Transtorque™ to have a better control on performance and quality. With Transtorque™, we have successfully allocated the most ideal axles loads for superiority stability even while cutting hard surfaces.

### **FRONT FRAME**

POWERPLUS has re-engineered the front frame with a top and bottom plate construction. Hydraulic hoses are repositioned on the sides to enable operators to perform regular checks and replace any damaged hoses simply by removing a sheet metal cover.







### DRAWBAR, CIRCLE AND MOLDBOARD

The new A-frame draw bar adopts a heavy-duty boxed frame design for high strength. It is also made wider to ensure ultimate durability and prolonged component life.

The internal circle teeth which undergoes an Italian technology heat treatment process to resist wear are now enlarged to provide a larger contact area. This improves turning ability of the moldboard especially under heavy loads.

The moldboard is made from high carbon steel with optimal curvature for excellent load distribution and minimal material build-up in the circle area. It can pitch, tilt and move laterally to make the finest of grades. Cutting edges



### **DIFFERENTIAL**

EATON NoSPIN differential system improves performance during turning or when operating on wet and muddy ground conditions.

This component features 100% automatic locking action even if one wheel is suspended in the air and simultaneously enables a fully locked rear axle to automatically disengage when wheel speeds are mismatched. The result is maximum delivery of available torque to the wheels with ample traction to overcome the roughest terrains.



### **ALL WHEEL DRIVE**

All-wheel drive (AWD) function is available on PP14GA-IX, It is especially designed for poor underfoot conditions such as snow, mud, gravel, sand and etc. This feature delivers superior traction and significantly improves draft control, steering and responsiveness.



### **MOLDBOARD**

The moldboard, with its optimal curvature has excellent rolling performance, enabling POWERPLUS Motor Graders to perform a multitude of operations. Having a long wheel base allows operators to achieve a large blade angle which permits material to roll freely along the blade.

Standard moldboard length for PP12G-IX is 3.7m (12ft) and PP14G-IX is 4.3m (14ft). Moldboard extensions are available to increase moldboard surface area and extend reach capability.



### **FRONT BLADE**

The optional front blade which is hydraulically operated enables operators to perform some light dozing, clearing obstacles that come in the way. This attachment transforms the motor grader into a multi-purpose equipment.



### **REAR RIPPER**

The optional rear ripper penetrates tough ground conditions and rip through exhaustively, resulting in easier material movement of the moldboard. Standard rear ripper comes with three (3) shanks while a five (5) shanked option is available.



### **MID-MOUNT SCARIFIER**

The optional mid-mount scarifier is positioned in between the front axle and moldboard to scarify hardy ground surfaces. This allows the blade to move the loosened material in a single pass. Standard mid-mounted scarifier comes with nine (9) shanks while an eleven (11) teeth option is available.



OPERATOR STATION EASY MAINTENANCE

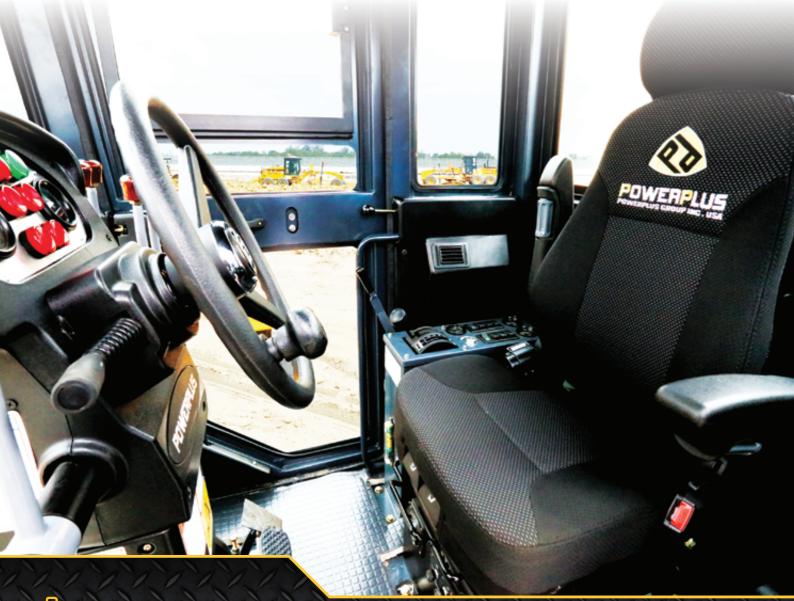
### **OPERATOR'S COMFORT**

With a fully adjustable control console column and POWERPLUS air-suspension seat, any operator regardless of size and weight will be able to work in comfort. The ergonomic operator chair is both practical and comfortable, allowing operators to tackle whatever tasks the day brings.

POWERPLUS Motor Graders boast a spacious cabin, enabling operators to stand and move about during operation. The cabin is fitted with noise and vibration dampers to ensure a pleasant and silent working environment.

The wide-view glass cabin also allows operators to have a clear vision of the front wheels and moldboard positioning for precise manoeuvring and ensuring a safe operation.





### **MAINTENANCE**

Daily checks can be performed at ground-level and various aspects of the machine's condition can be monitored through the displayed instrument panel to speed up inspection time and keep daily operating costs low.

Large gullwing service doors open wide to provide easy access to the engine compartment maintenance and repairs. Filters are conveniently located to speed up routine replacements. POWERPLUS Motor Graders use spin-on filters.



### **SAFETY**

Safety is of utmost importance to POWERPLUS. As motor graders are used for various applications, we are able to adapt and configure our equipment to suit different working environment and its requirements. A ROPS/FOPS cabin with additional protective mesh on the glass doors and windows are an optional feature to ensure safe operations. Additional lights can also be equipped for underlit working conditions and night operations.



### **CONTROLS**

Fitted with traditional lever control system, any operator with prior experience will be able to easily navigate their way around a POWERPLUS Motor Grader. For new operators, well-displayed symbols will enable them to quickly master the controls like an expert.

Short throw levers are ergonomically-positioned within easy reach for ease of multi-function controls. This function allows operators to work hours at a go without putting unnecessary strain on their bodies. Thus, ensuring maximum comfort to operators and reduces operator fatigue.





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### **PP120G-IX**

| ENGINE      |  |
|-------------|--|
| Model       | CUMMINS 6BT5.9-C130                          |
| Туре        | Direct injection, turbocharged, water cooled |
| Rated Power | 130 hp                                       |
| Rated Speed | 2200 rpm                                     |

### TRANSMISSION

| Central Drive Shaft  | ADVANCE YD13, Powershift, single-shift |
|----------------------|--|
| Certifal Drive Shall | lever, neutral shift lock device       |

| TRAVEL | TRAVEL SPEED |           |           |
|--------|--------------|-----------|-----------|
| Gear   |              | Forward   | Reverse   |
| 1st    |              | 6.9 km/h  | 6.9 km/h  |
| 2nd    |              | 10.7 km/h | 17.3 km/h |
| 3rd    |              | 17.3 km/h | 37.8 km/h |
| 4th    |              | 26.0 km/h | -         |
| 5th    |              | 37.8 km/h | -         |
| 6th    |              | 53.4 km/h | -         |

### **HYDRAULIC SYSTEM**

|  | Differential Lock  | NO-SPIN |
|--|--------------------|---------|
|  | Oil Motor          | EATON   |
|  | Distributing Valve | HUSCO   |

### STEERING SYSTEM

| Maximum Turning Range  | Left or right 49 ° |
|------------------------|--------------------|
| Frame Articulation     | Left or right 26°  |
| Minimum Turning Radius | 6600 mm            |
| System Pressure        | 17.5 MPa           |

### **AXLES**

| Front | Ground clearance 430 mm and oscillation angle (total) $32^{\circ}$ |
|-------|--|
| Rear  | POWERPLUS full floating rear tandem axle                           |

### DRIVE

|  | Main Reducer  | Spiral bevel gear, single gear |
|--|---------------|--------------------------------|
|  | Final Reducer | Single stage chain drive       |
|  | Tandem Drive  | Double row roller chains       |

WEIGHT
Operating Weight 12500 kg

### BRAKES

| Service Brake | Hydraulic assisted and inner-expanding brake |
|---------------|--|
| Parking Brake | Mechanical and inner-expanding brake type    |

### MOLDBOARD

| BLADE RANGE                           |                   |
|---------------------------------------|-------------------|
| Moldboard Side Shift Right / Left     | 815 mm / 815 mm   |
| Maximum Extending Length Right / Left | 1886 mm / 1916 mm |
| Rotating Angle                        | 360 °             |
| Maximum Lift Above Ground             | 410 mm            |
| Maximum Grading Depth                 | 560 mm            |
| Maximum Blade Angle Right / Left      | 90 °              |
| Blade Tip Angle                       | 29 ° - 77 °       |

### TIRES

| Tire Size    | 17.5-25-14PR |
|--------------|--------------|
| Tire Pattern | L2           |

| REFILL CAPACITY  |       |  |
|------------------|-------|--|
| Fuel Tank        | 370 L |  |
| Engine Oil       | 18 L  |  |
| Transmission     | 28 L  |  |
| Rear Axle        | 18 L  |  |
| Tandem Housing   | 90 L  |  |
| Hydraulic System | 65 L  |  |

### CARIN

An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with designer upholstery, adjustable POWERPLUS mechanical suspension driver's seat, streamline dashboard, aircon and radio/mp3 player for extensive operations with well deserved comfort.

### PP12G-IX

| CUMMINS 6BTA5.9-C180                         |
|--|
| Direct injection, turbocharged, water cooled |
| 180 hp                                       |
| 2200 rpm                                     |
|  |

| RANSMISSION         |   |
|---------------------|---|
| Central Drive Shaff | ZF 6WG180 (L) Hydro-electrical control with single lever operations |

| TRAVEL SPEED |           |           |
|--------------|-----------|-----------|
| Gear         | Forward   | Reverse   |
| 1st          | 6.5 km/h  | 6.5 km/h  |
| 2nd          | 11.4 km/h | 14.6 km/h |
| 3rd          | 14.6 km/h | 30.0 km/h |
| 4th          | 24.8 km/h | -         |
| 5th          | 30.0 km/h | -         |
| 6th          | 49.2 km/h | -         |

|  | HYDRAULIC SYSTEM   |         |
|--|--------------------|---------|
|  | Differential Lock  | NO-SPIN |
|  | Oil Motor          | EATON   |
|  | Distributing Valve | HUSCO   |

|  | STEERING SYSTEM        |                   |
|--|------------------------|-------------------|
|  | Maximum Turning Range  | Left or right 49° |
|  | Frame Articulation     | Left or right 26° |
|  | Minimum Turning Radius | 7300 mm           |
|  | System Pressure        | 17.5 MPa          |

### AXLES

| Front | Ground clearance 430 mm and oscillation angle (total) 32 |
|-------|--|
| Rear  | POWERPLUS full floating rear tandem axle                 |

### DRIVE

|  | Main Reducer  | Spiral bevel gear, single gear |
|--|---------------|--------------------------------|
|  | Final Reducer | Single stage chain drive       |
|  | Tandem Drive  | Double row roller chains       |

| WEIGHT           |          |  |
|------------------|----------|--|
| Operating Weight | 15000 kg |  |

| BRAKES        |  |
|---------------|--|
| Service Brake | Hydraulic assisted and inner-expanding brake |
| Parking Brake | Mechanical and inner-expanding brake type    |

| MOLDBOARD  |                          |
|------------|--------------------------|
| Dimensions | 3658 mm x 580 mm x 16 mm |

| BLADE RANGE                           |                   |
|---------------------------------------|-------------------|
| Moldboard Side Shift Right / Left     | 815 mm / 815 mm   |
| Maximum Extending Length Right / Left | 1886 mm / 1916 mm |
| Rotating Angle                        | 360 °             |
| Maximum Lift Above Ground             | 450 mm            |
| Maximum Grading Depth                 | 535 mm            |
| Maximum Blade Angle Right / Left      | 90 °              |
| Blade Tip Angle                       | 29 ° - 77 °       |

| RES        |              |
|------------|--------------|
| re Size    | 17.5-25-14PR |
| re Pattern | L2           |

| REFILL CAPACITY  |       |
|------------------|-------|
| Fuel Tank        | 370 L |
| Engine Oil       | 17 L  |
| Transmission     | 28 L  |
| Rear Axle        | 18 L  |
| Tandem Housing   | 90 L  |
| Hydraulic System | 65 L  |

### CABIN

An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with designer upholstery, adjustable POWERPLUS mechanical suspension driver's seat, streamline dashboard, aircon and radio/mp3 player for extensive operations with well deserved comfort.



### PP14G-IX

| ENGINE      |  |
|-------------|--|
| Model       | CUMMINS 6CTA8.3-C190                         |
| Туре        | Direct injection, turbocharged, water cooled |
| Rated Power | 190 hp                                       |
| Rated Speed | 2200 rpm                                     |

### TRANSMISSION

| TRAVEL SPEED |           |           |
|--------------|-----------|-----------|
| Gear         | Forward   | Reverse   |
| 1st          | 6.5 km/h  | 6.5 km/h  |
| 2nd          | 11.4 km/h | 14.6 km/h |
| 3rd          | 14.6 km/h | 30.0 km/h |
| 4th          | 24.8 km/h | -         |
| 5th          | 30.0 km/h | -         |
| 6th          | 49.2 km/h | -         |

### HYDRAULIC SYSTEM

| Differential Lock  | NO-SPIN |
|--------------------|---------|
| Oil Motor          | EATON   |
| Distributing Valve | HUSCO   |

### STEERING SYSTEM

| Maximum Turning Range  | Left or right 49° |
|------------------------|-------------------|
| Frame Articulation     | Left or right 26° |
| Minimum Turning Radius | 7400 mm           |
| System Pressure        | 16 MPa            |

### **AXLES**

|  | Front | Ground clearance 610 mm and oscillation angle (total) 32° |
|--|-------|---|
|  | Rear  | POWERPLUS full floating rear tandem axle                  |

### DRIVE

|  | Main Reducer  | Spiral bevel gear, single gear |
|--|---------------|--------------------------------|
|  | Final Reducer | Single stage chain drive       |
|  | Tandem Drive  | Double row roller chains       |

| WEIGHT           |          |
|------------------|----------|
| Operating Weight | 16000 kg |

### BRAKES

| Service Brake | Hydraulic assisted and inner-expanding brake |
|---------------|--|
| Parking Brake | Mechanical and inner-expanding brake type    |

### MOLDBOARD

| Dimensions | 4268 mm x 580 mm x 16 mm |
|------------|--------------------------|
|------------|--------------------------|

| BLADE RANGE                           |                   |
|---------------------------------------|-------------------|
| Moldboard Side Shift Right / Left     | 815 mm / 815 mm   |
| Maximum Extending Length Right / Left | 2341 mm / 2346 mm |
| Rotating Angle                        | 360 °             |
| Maximum Lift Above Ground             | 450 mm            |
| Maximum Grading Depth                 | 535 mm            |
| Maximum Blade Angle Right / Left      | 90 °              |
| Blade Tip Angle                       | 29 ° - 77 °       |

### TIRES

| Tire Size    | 17.5-25-14PR |
|--------------|--------------|
| Tire Pattern | L2           |

### REFILL CAPACITY Fuel Tank

| Fuel Tank        | 370 L |
|------------------|-------|
| Engine Oil       | 27 L  |
| Transmission     | 28 L  |
| Rear Axle        | 18 L  |
| Tandem Housing   | 90 L  |
| Hydraulic System | 65 L  |

### CABIN

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### PP14G-IX ADVANCE

| ENGINE      |   |
|-------------|---|
| Model       | CUMMINS 6CTA8.3-C215 / SC11CB220 (CAT 3306B TECH) |
| Type        | Direct injection, turbocharged, water cooled      |
| Rated Power | 215 / 220 hp                                      |
| Rated Speed | 2200 rpm  |

### TRANSMISSION

| Central Drive Shaft | ZF 6WG200 Hydro-electrical control with single lever operation |
|---------------------|--|
|---------------------|--|

| TRAVEL SPEED |           |            |  |
|--------------|-----------|------------|--|
| Gear         | Forward   | Reverse    |  |
| 1st          | 6.9 km/h  | 6.88 km/h  |  |
| 2nd          | 11.8 km/h | 15.65 km/h |  |
| 3rd          | 15.6 km/h | 33.45 km/h |  |
| 4th          | 26.6 km/h | -          |  |
| 5th          | 33.1 km/h | -          |  |
| 6th          | 52.7 km/h | -          |  |

### **HYDRAULIC SYSTEM**

|  | Differential Lock  | NO-SPIN |
|--|--------------------|---------|
|  | Oil Motor          | EATON   |
|  | Distributing Valve | HUSCO   |

### STEERING SYSTEM

| Maximum Turning Range  | Left or right 49° |
|------------------------|-------------------|
| Frame Articulation     | Left or right 26° |
| Minimum Turning Radius | 7600 mm           |
| System Pressure        | 16 MPa            |

### AXLES

| Front | Ground clearance 610 mm and oscillation angle (total) 32° |
|-------|---|
| Rear  | POWERPLUS full floating rear tandem axle                  |

### DRIVE

| Main Reducer  | Spiral bevel gear, single gear |
|---------------|--------------------------------|
| Final Reducer | Single stage chain drive       |
| Tandom Drivo  | Double row reller chains       |

| WEIGHT           |          |
|------------------|----------|
| Operating Weight | 17000 kg |

# BRAKES Service Brake Hydraulic assisted and inner-expanding brake Parking Brake Mechanical and inner-expanding brake type

| MOLDBOARD  |                          |
|------------|--------------------------|
| Dimensions | /320 mm v 580 mm v 16 mm |

| BLADE RANGE                           |                   |
|---------------------------------------|-------------------|
| Moldboard Side Shift Right / Left     | 815 mm / 815 mm   |
| Maximum Extending Length Right / Left | 2367 mm / 2372 mm |
| Rotating Angle                        | 360 °             |
| Maximum Lift Above Ground             | 450 mm            |
| Maximum Grading Depth                 | 535 mm            |
| Maximum Blade Angle Right / Left      | 90 °              |
| Blade Tip Angle                       | 29 ° - 77 °       |

| TIRES        |              |
|--------------|--------------|
| Tire Size    | 17.5-25-14PR |
| Tire Pattern | L2           |

| REFILL CAPACITY  |       |  |
|------------------|-------|--|
| Fuel Tank        | 370 L |  |
| Engine Oil       | 27 L  |  |
| Transmission     | 28 L  |  |
| Rear Axle        | 18 L  |  |
| Tandem Housing   | 90 L  |  |
| Hydraulic System | 65 L  |  |

### CABI

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## PP14GA-IX

| ENGINE      |  |
|-------------|--|
| Model       | CUMMINS 6CTA8.3-C215 /SC11CB220 (CAT 3306B TECH) |
| Туре        | Direct injection, turbocharged, water cooled     |
| Rated Power | 215 / 220 hp                                     |
| Rated Speed | 2200 rpm   |

| TRANSMISSION        |  |
|---------------------|--|
| Central Drive Shaft | ZF 6WG200 Hydro-electrical control with single lever operation |

| TRAVEL SPEED |           |           |
|--------------|-----------|-----------|
| Gear         | Forward   | Reverse   |
| 1st          | 6.8 km/h  | 6.8 km/h  |
| 2nd          | 10.3 km/h | 32.6 km/h |
| 3rd          | 15.3 km/h | 32.0 km/h |
| 4th          | 22.7 km/h | -         |
| 5th          | 32.0 km/h | -         |
| 6th          | 47.0 km/h | -         |

| HYDRAULIC SYSTEM   |         |
|--------------------|---------|
| Differential Lock  | NO-SPIN |
| Oil Motor          | EATON   |
| Distributing Valve | HUSCO   |

| STEERING SYSTEM        |                   |
|------------------------|-------------------|
| Maximum Turning Range  | Left or right 49° |
| Frame Articulation     | Left or right 26° |
| Minimum Turning Radius | 7400 mm           |
| System Pressure        | 16 MPa            |

| AXLES |  |
|-------|--|
| Front | Ground clearance 610 mm and oscillation angle (total) $32^{\circ}$ |
| Rear  | POWERPLUS full floating rear tandem axle                           |
|       |  |

| DRIVE         |                                |
|---------------|--------------------------------|
| Main Reducer  | Spiral bevel gear, single gear |
| Final Reducer | Single stage chain drive       |
| Tandem Drive  | Double row roller chains       |

| WEIGHT           |          |
|------------------|----------|
| Operating Weight | 17000 kg |

| BRAKES        |  |
|---------------|--|
| Service Brake | Hydraulic assisted and inner-expanding brake |
| Parking Brake | Mechanical and inner-expanding brake type    |

| MOLDBOARD  |                          |
|------------|--------------------------|
| Dimensions | 4320 mm x 580 mm x 16 mm |

| BLADE RANGE                           |                   |  |  |
|---------------------------------------|-------------------|--|--|
| Moldboard Side Shift Right / Left     | 815 mm / 815 mm   |  |  |
| Maximum Extending Length Right / Left | 2367 mm / 2372 mm |  |  |
| Rotating Angle                        | 360 °             |  |  |
| Maximum Lift Above Ground             | 450 mm            |  |  |
| Maximum Grading Depth                 | 535 mm            |  |  |
| Maximum Blade Angle Right / Left      | 90 °              |  |  |
| Blade Tip Angle                       | 29 ° - 77 °       |  |  |

| TIRES        |              |
|--------------|--------------|
| Tire Size    | 17.5-25-14PR |
| Tire Pattern | L2           |

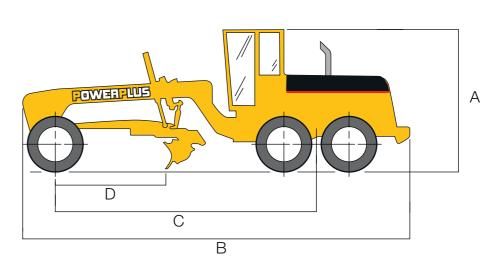
| REFILL CAPACITY  |       |
|------------------|-------|
| Fuel Tank        | 370 L |
| Engine Oil       | 27 L  |
| Transmission     | 28 L  |
| Rear Axle        | 18 L  |
| Tandem Housing   | 90 L  |
| Hydraulic System | 65 L  |

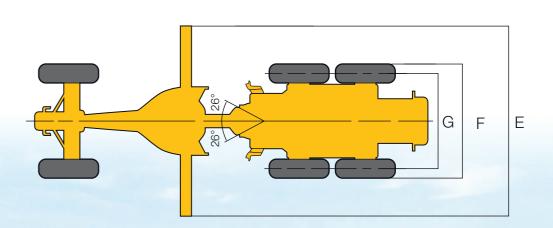
### CARIN

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s our products are upgraded periodically, we reserve all rights to change any information without prior notice.

| DIMEN | SIONS                                |    | PP120G-IX | PP12G-IX | PP14G-IX | PP14G-IX<br>ADVANCE | PP14GA-IX |
|-------|--------------------------------------|----|-----------|----------|----------|---------------------|-----------|
| А     | Overall Height                       | mm | 3465      | 3420     | 3420     | 3420                | 3420      |
| В     | Overall Length                       | mm | 8290      | 8820     | 8945     | 8945                | 8945      |
| С     | Wheelbase To Center Of Tandem        | mm | 6100      | 6100     | 6100     | 6100                | 6100      |
| D     | Cutting Edge To Center Of Front Axle | mm | 2600      | 2600     | 2600     | 2600                | 2600      |
| Е     | Width Of Standard Moldboard          | mm | 3658      | 3658     | 4268     | 4320                | 4320      |
| F     | Width Over Tires                     | mm | 2600      | 2600     | 2600     | 2600                | 2600      |
| G     | Tread (Rear)                         | mm | 2120      | 2120     | 2120     | 2120                | 2120      |







### **OPTIONAL**

#### **ENGINE**

Cold Weather Kit
Desert Filter
Enlarged Radiator

### CABIN

Glass Protection Heater Rear-View Camera ROPS/FOPS Frame

### **WHEELS & TIRES**

Snow Chains Solid Tires

### **ACCESSORIES**

Automatic Levelling System (various brands available) LED Lights Solar Film

### **ATTACHMENTS**





REAR RIPPER FRONT





ROPS/FOPS AUTOMATIC LEVELING SYSTEM

\*Availability of equipment may vary 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 reliable and 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.







