



MOTOR GRADER

MODEL : PP120G-IX

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating Weight: (kg) 12500
Overall Length: (mm) 8060
Overall Height: (mm) 3370
Overall Width: (mm) 2600
Wheelbase: (mm) 5780
Tread: (mm) 2120

■ ENGINE

Model: CUMMINS 6BT5.9-C130 / POWERPLUS C125
Rated Power: (HP) 130 / 125
Rated Speed: (rpm) 2200

■ TRANSMISSION

YD13, Powershift, single-shift lever, neutral shift
lock device

Gear:	1	2	3	4	5	6
Forward:(km/h)	6.9	10.7	17.3	26.0	37.8	53.4
Reverse:(km/h)	6.9	17.3	37.8			

■ DRIVE

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

■ STEERING SYSTEM

Min. Turning Radius: (mm) 6600
Pivot Angle Frame: (°) 26
Max. Turning Angle (Front Wheel): (°) 49

■ AXLES

Ground Clearance: (mm) 430
Oscillating Angle: (°) 16
Rear: POWERPLUS (USA) Full Floating
Rear Tandem Axle

■ HYDRAULIC SYSTEM

Hydraulic Lock: MTC Technology (Italy)
Differential Lock: NO-SPIN (USA)
Oil Motor: EATON (USA)
Distributing Valve: HUSCO (USA)



■ BLADE EQUIPMENT

Blade Length x Height x Thickness:
(mm) 3658 x 545 x 16
Max. lifting height: (mm) 410
Max. grading depth: (mm) 560
Max. tilt angle: (°) 90
Rotating angle: (°) 360
Max. extending length(L/R): (mm) 2000

■ BRAKE SYSTEM

Service Brake: Full hydraulic & inner expanding
Parking Brake: Mechanical & inner-expanding brake type

■ TIRES

Size: 17.5 - 25
Ply Rating: 20

■ CABIN

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

■ OPTIONAL

Scarifier
Ripper
Dozer
ROPS Cabin
MOBA (Germany) Averaging System