



MOTOR GRADER

MODEL : PP14G-IX

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating Weight: (kg) 16000
Overall Length: (mm) 9235
Overall Height: (mm) 3370
Overall Width: (mm) 2600
Wheelbase: (mm) 6100
Tread: (mm) 2120

■ ENGINE

Model: CAT 3306B(L)
CUMMINS 6CTAA8.3-C185 (Made in USA)
POWERPLUS C180
Rated Power: (HP) 195 / 188 / 180
Rated Speed: (rpm) 2200

■ TRANSMISSION

ZF6WG180 (L) Hydro-Electrical control with
single lever operatibn. 2 3 4 5 6
Gear: (km/h) 6.5 11.4 14.6 24.8 30 49.2
Forward: (km/h) 6.5 14.6 30
Reverse:

■ 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) 7400
Pivot Angle Frame: (°) 26
Max. Turning Angle (Front Wheel): (°) 49

■ AXLES

Ground Clearance: (mm) 610
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) 4268 x 545 x 16
Max. lifting height: (mm) 450
Max. grading depth: (mm) 535
Max. tilt angle:(°) 90
Rotating angle: (°) 360
Max. extending length(L/R): (mm) 2400

■ BRAKE SYSTEM

Service Brake: Hydraulic assisted & inner-expanding brake
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