



MOTOR GRADER

MODEL : PP12G-VI

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating Weight: (kg) 15000
Overall Length: (mm) 10330
Overall Height: (mm) 3400
Overall Width: (mm) 2750

■ ENGINE

Model: Cummins 6BTA5.9-C175
Rated Output: (HP) 175
Rated Speed: (rpm) 2100

■ TRANSMISSION

ZF4WG180 (L) utilizing hydro-electrical control with single lever operation.

Gear:	1	2	3	4	5	6
Forward: (km/h)	4.9	7.6	12.3	18.5	26.8	37.1
Reverse: (km/h)	4.9	12.3	26.8			

Maximum Towing Force: (kN) 80

■ FINAL DRIVE

Final drive: Spiral bevel gear, Three section drive axle
Tandem drive: Double row roller chains

■ AXLES

Front axle: Center ground clearance 430 mm and oscillation angle 15°
Rear axle: Full-floating rear axle

■ CABIN

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

■ STEERING SYSTEM

Max. turning angle (Front wheel): 45° L/R each
Frame articulated angle: 25° L/R each
Min. turning radius: (mm) 7800



■ BLADE EQUIPMENT

Blade Length x Height x Thickness:
(mm) 3810 x 610 x 20
Max. lifting height: (mm) 480
Max. grading depth: (mm) 500

■ BRAKE SYSTEM

Service Brake: Hydraulic and Disc brake type
Parking Brake: Mechanically and inner-expanding brake type

■ TIRES

Size: 17.5 - 25.0
Ply Rating: 20

■ OPTIONAL ATTACHMENTS

Scarifier

Ripper

Dozer

