



MOTOR GRADER

MODEL : PP16G-VI

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating Weight: (kg) 17500
Overall Length: (mm) 10840
Overall Height: (mm) 3400
Overall Width: (mm) 2750

■ ENGINE

Model: CAT 3306B(L)
Rated Output: (HP) 250
Rated RPM: (rpm) 2200

■ TRANSMISSION

ZF4WG190 (Made in Germany) utilizing hydro-electrical control with single lever operation.

Gear:	1	2	3	4	5	6
Forward: (km/h)	5	8.7	11.4	19.3	23.9	39.8
Reverse: (km/h)	5	11.4	23.9			

Maximum Towing Force: (kN) 94

■ 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) 8400

■ BLADE EQUIPMENT

Blade Length x Height x Thickness:
(mm) 4450 x 645 x 22
Max. lifting height: (mm) 475
Max. grading depth: (mm) 510

■ 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

