



# MOTOR GRADER

MODEL : PP16G-VIII

## TECHNICAL SPECIFICATIONS

**POWERPAC**  
POWERPAC INTERNATIONAL 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) 240  
Rated RPM: (rpm) 2200

### ■ TRANSMISSION

ZF6WG180 (L) utilizing hydro-electrical control with single lever operation.

Gear:	1	2	3	4	5	6
Forward: (km/h)	5.1	8.7	11.4	19.3	24	39.8
Reverse: (km/h)	5.1	11.4	24			

Maximum Towing Force: (kN) 92

### ■ 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: MERITOR, Full-floating

### ■ 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) 8300

### ■ BLADE EQUIPMENT

Blade Length x Height x Thickness:  
(mm) 4450 x 645 x 20  
Max. lifting height: (mm) 480  
Max. grading depth: (mm) 500

### ■ BRAKE SYSTEM

Service Brake: Hydraulic and Disc brake type  
Parking Brake: Hand Brake Brake

### ■ TIRES

Size: 17.5 - 25.0  
Ply Rating: 20

### ■ OPTIONAL ATTACHMENTS

Scarifier          Ripper          Dozer

