



# VIBRATORY ROLLER

MODEL : CV320D-III

## TECHNICAL SPECIFICATIONS

**POWERPAC**  
POWERPLUS GROUP INC., USA

### MAIN SPECIFICATIONS

Length: (mm) 6100  
Width: (mm) 2350  
Height: (mm) 3000  
Min Turning Radius: (mm) 6500  
Drum Width: (mm) 2100  
Ground clearance: (mm) 472  
Operating Weight: (Kg) 18000  
Static linear force: (N/cm) 540  
Vibration Amplitude (High): (mm) 1.9  
Vibration Amplitude (Low): (mm) 0.9  
Vibration Frequency (High): (Hz) 35  
Vibration Frequency (Low): (Hz) 28  
Centrifugal force (High): (kN) 395  
Centrifugal force (Low): (kN) 290  
Gradeability: (%) 35

### ENGINE

Model: CUMMINS 6BTA5.9  
Type: Direct Injection, Turbocharged, Water cooling.  
Rated output: (HP) 180  
Voltage of starter: (V) 24  
Rated speed: (rpm) 2200  
Max Torque: (N.M/rpm) 720/1500  
Starting type: Electric  
Min fuel consumption: (g/kw.h) 230

### OIL CAPACITY

Fuel (diesel): (L) 400  
Engine Oil: (L) 16.4

### TRANSMISSION SYSTEM

Gear shift position: Forward & Reverse  
Traveling Speed: (km/h) 11



### AXLE

Type of main reducer: Spiral bevel gear, Single stage

### TIRE

Size of tire: 23.1-26  
Ply rating: 12PR

### HYDRAULIC SYSTEM

Hydraulic pump: Sauer  
Hydraulic motors: Sauer

### STEERING SYSTEM

Type : Mid Articulated frame, Co-axis flow amp.