



VIBRATORY ROLLER

MODEL : CV302D-III

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 5688
Width: (mm) 2270
Height: (mm) 3200
Min Turning Radius: (mm) 6300
Drum Diameter: (mm) 1550
Drum Width: (mm) 2130
Ground clearance: (mm) 394
Operating Weight: (Kg) 12100
Static linear force: (N/cm) 333
Vibration Amplitude – High: (mm) 1.7
Vibration Amplitude – Low: (mm) 0.85
Vibration Frequency: (Hz) 30
Centrifugal force-High: (kN) 247
Centrifugal force-Low: (kN) 127
Grade ability: (%) 50

■ ENGINE

Model: CUMMINS 6BT5.9
Type: Direct Injection, Turbocharged, Water cooling.
Rated output: (HP) 150
Voltage of starter: (V) 24
Rated speed: (rpm) 2400
Max Torque: (N.M) 570
Starting type: Electric
Min fuel consumption: (g/kw.h) \leq 225

■ OIL CAPACITY

Fuel (diesel): (L) 200
Engine Oil: (L) 15

■ TRANSMISSION SYSTEM

Gear shift position: 3 Forward & 3 Reverse

Gear:	I	II	III
Travel Speed (km/h):	4.3	6.4	9.2



■ 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-DANFOSS
Hydraulic motors: SAUER-DANFOSS

■ STEERING SYSTEM

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