



TANDEM ROLLER

MODEL : CT428-III

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 5000
Width: (mm) 1810
Height: (mm) 3270
Turning Radius: (mm) 5850
Drum diameter: (mm) 1215
Drum Width: (mm) 1660
Wheel base: (mm) 3450
Grade ability: (%) 30
Ground clearance: (mm) 380
Operating Load: (Kg) 10000 (Static)
Front Axle load: (kg) 5000
Rear Axle load: (kg) 5000
Static linear load: (N/cm) 295
Vibration amplitude (high): (mm) 0.83
Vibration amplitude (low): (mm) 0.4
Vibration frequency (high): (Hz) 47
Vibration frequency (low): (Hz) 30
Centrifugal force (high): (kN) 123
Centrifugal force (low): (kN) 25

■ ENGINE

Model: CUMMINS 6BT5.9
Type: Direct Injection, Turbocharged, Water cooling.
Rated output: (HP) 150
Voltage of starter: (V) 24
Rated speed: (rpm) 2300
Max Torque: (N.M) 625
Starting type: Electric
Min fuel consumption: (g/kw.h) 220

■ FLUID CAPACITY

Water tank: (L) 2x440
Fuel (diesel): (L) 230
Hydraulic: (L) 230



■ TRANSMISSION SYSTEM

Forward & reverse: (km/h) 0 ~ 9.7

■ STEERING SYSTEM

Steering angle: (°) ±35
Type: Hydraulic power steering
Easy-to-operate control, primarily used for the compaction of road bituminous course, sand gravel mixtures and RCC material