



TANDEM ROLLER

MODEL : CT438H-III

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 5062
Width: (mm) 2250
Height: (mm) 3000
Turning Radius: (mm) 7000
Drum diameter: (mm) 1350
Drum Width: (mm) 2100
Wheelbase: (mm) 3717
Gradeability: (%) 40
Ground clearance: (mm) 324
Operating Load: (kg) 12000
Front Axle load: (kg) 6000
Rear Axle load:(kg) 6000
Static linear load: (N/cm) 286
Vibration amplitude (high): (mm) 0.8
Vibration amplitude (low): (mm) 0.4
Vibration frequency (high): (Hz) 40
Vibration frequency (low): (Hz) 46
Centrifugal force (high): (kN) 160x2
Centrifugal force (low): (kN) 90x2

■ ENGINE

Model: CUMMINS 6BT5.9
Type: Direct Injection, Turbocharged, Water cooling.
Rated output: (HP) 150
Voltage of starter: (V) 28
Rated speed: (rpm) 2300
Max Torque: (N.M/rpm) 597 / 1600
Starting type: Electric
Min fuel consumption: (g/kw.h) 206

■ FLUID CAPACITY

Water tank: (L) 2x600
Fuel (diesel): (L) 154
Hydraulic: (L) 65



■ TRANSMISSION SYSTEM

Forward & Reverse: (km/h) 0 ~ 12

■ STEERING SYSTEM

Type: Hydraulic power steering
Easy-to-operate control, primarily used for the compaction of road bituminous course, sand gravel mixtures and RCC material