



TANDEM ROLLER

MODEL : CT418-III

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 4518
Width: (mm) 1600
Height: (mm) 3140
Turning Radius: (mm) 4800
Drum diameter: (mm) 1045
Drum Width: (mm) 1450
Wheelbase: (mm) 2795
Gradeability: (%) 33
Ground clearance: (mm) 280
Operating Load: (kg) 7600
Front Axle load: (kg) 3800
Rear Axle load: (kg) 3800
Static linear load: (N/cm) 236
Vibration amplitude (high): (mm) 0.71
Vibration amplitude (low): (mm) 0.35
Vibration frequency (high): (Hz) 48
Vibration frequency (low): (Hz) 32
Centrifugal force (high): (kN) 84
Centrifugal force (low): (kN) 19

■ ENGINE

Model: CUMMINS 4BT3.9
Type: Direct Injection, Turbocharged, Water cooling.
Rated output: (HP) 100
Voltage of starter: (V) 24
Rated speed: (rpm) 2400

■ FLUID CAPACITY

Water tank: (L) 2x325
Fuel (diesel): (L) 140
Hydraulic: (L) 140



■ TRANSMISSION SYSTEM

Forward & Reverse: (km/h) 0 ~ 8.4

■ 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