

Road Roller



Model: CDM530PH

CDM530PH road roller is a hydrostatic pneumatic roller with maximum operating weight of 30 tons. Our road roller is a kind of construction machine/engineering vehicle suitable for compacting the road surface composed of sticky or non-sticky material such as sand, detritus, stabilizing material, asphalt concrete, etc., especially the asphalt surface on high grade highway.

Features of CDM530PH Road Roller:

1. Supercharged Cummins engine 6BTA5.9C made in China and Rexroth hydraulic components
2. Caliper type service brake and hydraulic cutoff parking brake for better safety
3. Super operating weight for better compaction and higher efficiency
4. Double adjustable instrument bracket and control mechanism for easier operation
5. Power operated watering system with imported watering pump and big water tank
6. Our road roller is of compact structure, low gravity center, nice appearance
7. Hydrostatic drive with stepless gear change
8. Air conditioning and heating provide good environment for operator.

Specifications of CDM530PH Road Roller:

Max. operating weight (kg)	30000
Min. operating weight (kg)	22000
Single tire load(kg)	2730
Earth connection specific pressure (kPa)	330-460
Length×Width×Height (mm)	4900*2790*3100
Turning angle(°)	30
Min. turning radius (mm)	8000
Travel speed	

I (km/h)	0-6
II (km/h)	0-16
Grade ability(%)	20

Engine specifications of Road Roller CDM530PH

Model	6BTA5.9 Engine
Type	Vertical, water-cooled, 4-stroke, direct injection
Rated power /RPM (kw/r/min)	125/2300
Max. Torque /RPM (N.m/r/min)	630/140
Total displacement (L)	5.9
Starter motor power (kw)	6
Starter motor voltage (v)	24
Fuel tank capacity (L)	200

Hydraulic system

Drive system

Vibration pump	Variable displacement piston pump
Vibration motor	Ration displacement piston motor

Steering system of CDM530PH Road Roller

Steering model	Full hydraulic steering system
Steering pump	HD9196
Model of steering gear	BZZ1
Steering system pressure (MPa)	14

Axle and tire

Axle type	Central reduction + hub reduction
Tire	Special tire for rollers

Brake system

Service brake type	Air-over-oil disc brake on rear axle
Parking brake type	Manual operated brake on transmission

Oil tank capacity

Fuel tank capacity	200L
Hydraulic oil tank capacity	120L

A/C System

Model	TY46G4
Refrigerating capacity	4600W
Heating capacity	5000W

Note: The specification is subject to change for the modification without notice.