

Road Roller



Model: CDM5xxA

CDM5xxA road roller is a mechanically driven and single drum roller. "xx" is the weight of the machine (ton). Currently available model is CDM518A, CDM520A and CDM522A. As a compactor type engineering vehicle, CDM5xxA road roller can be used to compact soil, gravel, concrete or asphalt in the construction of roads and foundations.

Features of CDM5xxA Road Roller:

1. CDM518A, CDM520A and CDM522A road roller use one frequency, two amplitude and close-looped hydraulic vibration system with Rexroth hydraulic components.
2. Being made of high strength material, the drum is wear-resistant and impress-resistant.
3. Wide-view cab and tiltable steering column are designed with ergonomics.
4. Both hand brake and foot brake are available for the safety.
5. Engine hood is opened with manually operated oil cylinder for easy maintenance.
6. Air conditioning and heating system of our road roller provide better environment for operator.

Specifications of CDM518A/CDM520A/CDM522A:

Model	CDM518A Road Roller	CDM520A Road Roller	CDM522A Road Roller
Operating weight(kg)	18000	20000	22000
LengthxWidthxHeight(mm)	6350x2300x3400	6145x2300x3400	6145x2440x3400
Weight burden on front drum(kg)	8800	9500	10500
Weight burden on rear wheel(kg)	9200	10500	11500
Static linear load(N/cm)	405	435	475
Min. turning radius(mm)	6300	6300	6300

Travel speed (km/h)	2.45/4.75/8.66	2.5/5.3/8.6	2.6/5.3/8.6
Grade ability(%)	30	30	30
Vibration frequency(Hz)	28	28	28
Nominal amplitude(mm)	1.9/1.0	1.9/1.0	1.9/1.0
Centrifugal force(kN)	330/190	351/200	400/225
Engine model	D6114ZG2B	D6114ZG2B	D6114ZG11
Min. fuel consumption(g/kw*h)	223	223	223
Rated power(kw)/RPM(r/min)	128/2000	128/2000	136/2000
Fuel tank capacity(L)	280	280	280
Vibration pump	Imported variable piston type	Imported variable piston type	Imported variable piston type
Vibration motor	Imported variable piston type	Imported variable piston type	Imported variable piston type
Steering model	Hydraulic steering	Hydraulic steering	Hydraulic steering
Axle type	Middle reduce+wheel hub	Middle reduce+wheel hub	Middle reduce+wheel hub
Tyre	23.1-26 12PR	23.1-26 12PR	23.1-26 12PR
Service brake type	Air-over-oil disc brake on rear axle	Air-over-oil disc brake on rear axle	Air-over-oil disc brake on rear axle
Parking brake type	Manual operated brake on transmission	Manual operated brake on transmission	Manual operated brake on transmission
Hydraulic oil tank capacity (L)	180	180	180
A/C model	TY40A	TY40A	TY40A
A/C Refrigerating capacity (W)	4600	4600	4600