



DM-07-VC

Road vibratory single-drum roller

DM-07-VC is designed for compaction of sand and crushed gravel soils, asphalt. It is used for building of road base and upper layers.

- ✓ **New construction design!**
- ✓ **World technologies, specially adapted for extreme weather conditions!**
- ✓ **Reliable Russian and foreign parts, well known on the world market!**
- ✓ **Beneficial terms of warranty!**

Advantages:

High efficiency

- Optimum combination of vibratory frequency and amplitude
- Hydraulic drive
- Drum width - 1500 mm
- Operation without refueling for 14 hours

Greater possibilities

- Transformation to the double-drum model
- Operation next to high curbs till 550 mm
- Transportation on lowboys with the height till 1000 mm without taking off the cabin
- Transportation of the two machines simultaneously

Main parts:

- Engine MMZ D-243.91 or Kubota V3800-DI-T-E2B (special order)
- Pumps PVS90 by license «Sauer Danfoss»
- Hydraulic motors «PSM» by license «Bosch Rexroth»
- Planetary reduction gears PMP (Italy)
- Fittings «CAST» (Italy)

Operation convenience

- Minimum turning radius 5500 mm
- Pressure sprinkler system

Ergonomic working place

- New ergonomic cabin design
- Two operator seats for better visibility
- Two doors for quick and convenient access to the cabin

Service and maintenance

- Easy access to the service points
- Minimum service expenses



Technical data:

Frame type	Swivel joint	
Constructive/Operating weight, ton	7,5 / 8,0	
Amount of driving axles	2	
Amount of vibratory drums	1	
Roller drum width, mm	1500	
Static linear load, kg/cm	28,3	
type/ amount of pneumatic tires, pc	11.00-20 / 4	
Maximum speed, km/h	6	
Minimum turning radius, inside, mm	5500	
Minimum turning radius, outside, mm	7000	
Gradeability, degree	15	
Angle of lateral stability, degree	15	
Transmission type	Hydrostatic	
Engine	MMZ D-243.91	Kubota V3800-DI-T-E2B
Engine power, kW (hp)	57,4 (78,0)	70,6 (94,6)
Dimensions (length - width - height), mm	4420 - 1695 - 2950	
Base, mm	3350	
Clearance, mm	250	
Vibration system	Mode 1	Mode 2
Amplitude, mm	0,25	0,43
Vibration frequency, Hz	40	40
Centrifugal force, kN	20	36,5
Fuel tank, l	220	
Hydraulic tank, l	140	
Water tank, l	450	

Standard equipment:

- Wide cabin with double-sided access
- Two operator seats
- Sunscreen
- Side-view mirrors
- Windscreen wipers
- Indicators of engine temperature, oil pressure
- Indicator of engine speed
- Indicators of temperature and level of hydraulic oil
- Indicator of fuel level
- Pressure sprinkler system
- Flasher lamp
- Front and rear lights
- License plate frame with light
- Antirust coat of hydraulic and spray system tanks

Additional equipment:

- Condition system
- Mechanism of road edge cutter (cutoff disk is in the set)
- Compaction disk
- Compaction roller