



## DM-13-VC

### Road vibratory single-drum roller

DM-13-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 - 2000 mm
- Reliable engine

#### Greater possibilities

- Operation next to high curbs
- Transportation on lowboys with the height till 1000 mm without taking off the cabin

#### Основные комплектующие:

- Engine MMZ D-245.30E2
- 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 5395 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	12,5 / 13,0	
Amount of driving axles	2	
Amount of vibratory drums	1	
Drum diameter, mm	1245	
Roller drum width, mm	2000	
Static linear static load, kg/cm	32,5	
Maximum speed, km/h	6	
Minimum turning radius, inside, mm	5395	
Minimum turning radius, outside, mm	7420	
Gradeability, degree	15	
Angle of lateral stability, degree	15	
Transmission type	Hydrostatic	
Engine	MMZ D-245.30E2	
Engine power, kW (hp)	110,2 (150,0)	
Dimensions (length - width - height), mm	5030 - 2160 - 2950	
Base, mm	3785	
Clearance, mm	275	
Turning angle +/-, degree	33	
Swivel angle +/-, degree	10	
Vibration system	Mode 1	Mode 2
Amplitude, mm	0,35	0,65
Vibration frequency, Hz	40	40
Centrifugal force, kN	62	110
Fuel tank, l	230	
Hydraulic tank, l	115	
Water tank, l	550	

### 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