



DM58

Road vibratory single-drum roller

DM58 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

- Well-balanced front frame and drum for even compaction effect on all drum width
- Highly effective vibration system
- Reliable hydraulic equipment

Operation and maintenance

- Reliable engine
- Easy access to the service points
- Pressure sprinkler system

Main parts:

- Engines MMZ D-260, or YaMZ-236, or Cummins 6BTA5.9, or Deutz BF04M1013FC
- Pumps PVS90 by license «Sauer Danfoss»
- Hydraulic motors «PSM» by license «Bosch Rexroth»
- Planetary reduction gears PMP (Italy)
- Fittings «CAST» (Italy)

Ergonomic and safe working place

- New ergonomic cabin design with better visibility
- Convenient dashboard
- Three levels of operator vibration protection



Technical data:

Frame type	Swivel joint			
Constructive/ operating weight, ton	13,5 / 14,0			
Amount of driving axles, pc	2			
Amount of vibratory drums, pc	1			
Amount of pneumatic tires, pc	4			
Drum diameter, mm	1550			
Drum width, mm	2000			
Static linear load, kg/cm	35			
Maximum speed, km/h	7			
Minimum turning radius, inside, mm	5100			
Minimum turning radius, outside, mm	7100			
Gradeability, degree	15			
Angle of lateral stability, degree	15			
Transmission type	Hydrostatic			
Engine	«MMZ»	«YaMZ»	«Cummins»	«Deutz»
	D-260.1	236M2.2	6BTA5.9	BF04M1013FC
Engine power, kW (hp)	114,0 (155,0)	132,0 (180,0)	129,0 (175,0)	129,0 (175,0)
Amount of engine cylinders	6	6	6	4
Cylinders scheme	In line	V-type	In line	In line
Dimensions (length -width - height),mm	6250 - 2200 - 3100			
Base, mm	3245			
Clearance, mm	317			
Turning angle +/-, degree	30			
Swivel angle +/-, degree	10			
Vibration system	Mode1			Mode 2
Amplitude, mm	0,45			0,85
Vibration frequency, Hz	40			40
Centrifugal force, kN	90			150
Fuel tank, l	190			
Hydraulic tank, l	190			
Electric circuit, V	24			

Standard equipment:

- Wide cabin with double-sided access
- Operator seat with safety belt
- 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
- Padfoot drum band
- Thread pneumatic tires