



Roller vibrating smooth drum soil Belarus AMKODOR 6712BA



Drum Vibrating Roller

Single Drum Vibrating Roller

AMKODOR 6712BA

The roller is equipped with soil compaction degree device. It is possible to install removable cam tread. Single drum vibrating roller is designed for stabilized soils, road bases compaction, for gravel-sandy mixtures during fill constructions of rail and motor roads, during dike, dam, airfield and other soil constructions, layer-by-layer sandy, macrofragmental and loose soil compaction. Depths of compaction (active zone) are: dust-like soil – 0,35 - 0,5 m; sand and gravel – 0,5 - 0,7 m; rocky soil – 0,9 - 1,5 m; clay compaction with the help of cam tread – 0,3 - 0,6 m.

For safety's sake engine start inhibit is installed to the roller when propel control lever is not in neutral position. The roller is equipped with 3 brake systems: service, reserve and parking which work separately. All brake systems are run from the operator's seat. All compactors as well as vibrating soil compactors provide quick access to the engine, hydro systems and lubrication points and filters. It simplifies operator's work and provides machine reliability.

Technical specifications:

AMKODOR 6712BA

Type	Vibrating self-propelled
Operating weight, kg	12 100
Drum	Smooth vibrating
Compaction width, mm	2 100
Drum diameter, mm	1 500
Vibrator drive	Hydrostatic
Driving force, kN	232/148
Vibration frequency, hz	28/32
Amplitude, mm	1.77/0.97
Line pressure, kg/cm	28.6
Wheels number	2
Tires	21.3-R24
Engine	D-245
Cooling system	water
Engine power	77 kW (105 HP) at 2200 rpm
Steering	Articulated frame with hydraulic drive and hydraulic feed-back
Semi-frames articulation angle, deg	±30
Min turning radius, mm	7 000
Drive	Hydrostatic
Speed, forward/reverse, km/h:	
operating	0-6.6/0-6.6
travel	0-13.2/0-13.2
Service brakes	Closed loop of hydrostatic drive
Parking brakes	Multi-disk closed oil-immersed brakes, hydraulically released, built in travelling pumps
Length, mm	5 800
Width, mm	2 320
Height, mm	3 570
Height over cabin without flashlight, mm	3 385

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