



roadway brush **MKN**



*road cleaning
device*





Application

The MKN roadway brush is designed for cleaning streets, roads and big concrete or asphalt surface. It is very efficient when cleaning roadways from remaining spreading material after winter service, as well as for cleaning the remaining asphalt after breaking the old asphalt layer before laying a new layer and before painting the horizontal traffic signals.

Technical description

The MKN roadway brush has possibility to swing on left or right side in relation to direction of driving vehicle. Swinging is performed by hydraulic cylinder which is controlled from vehicle cabin.

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Suspension system, composed from mounting plate, upper and lower lever, enables axial tilt of the brush in relation on driving vehicle which ensures quality adjustment of the brush to the surface being cleaned.

Depending on driving vehicle where the brush is mounted, drive of the brush can be mechanical, via PTO shaft, or hydraulically, when hydraulic circle of the driving machine is used.

Standard equipment

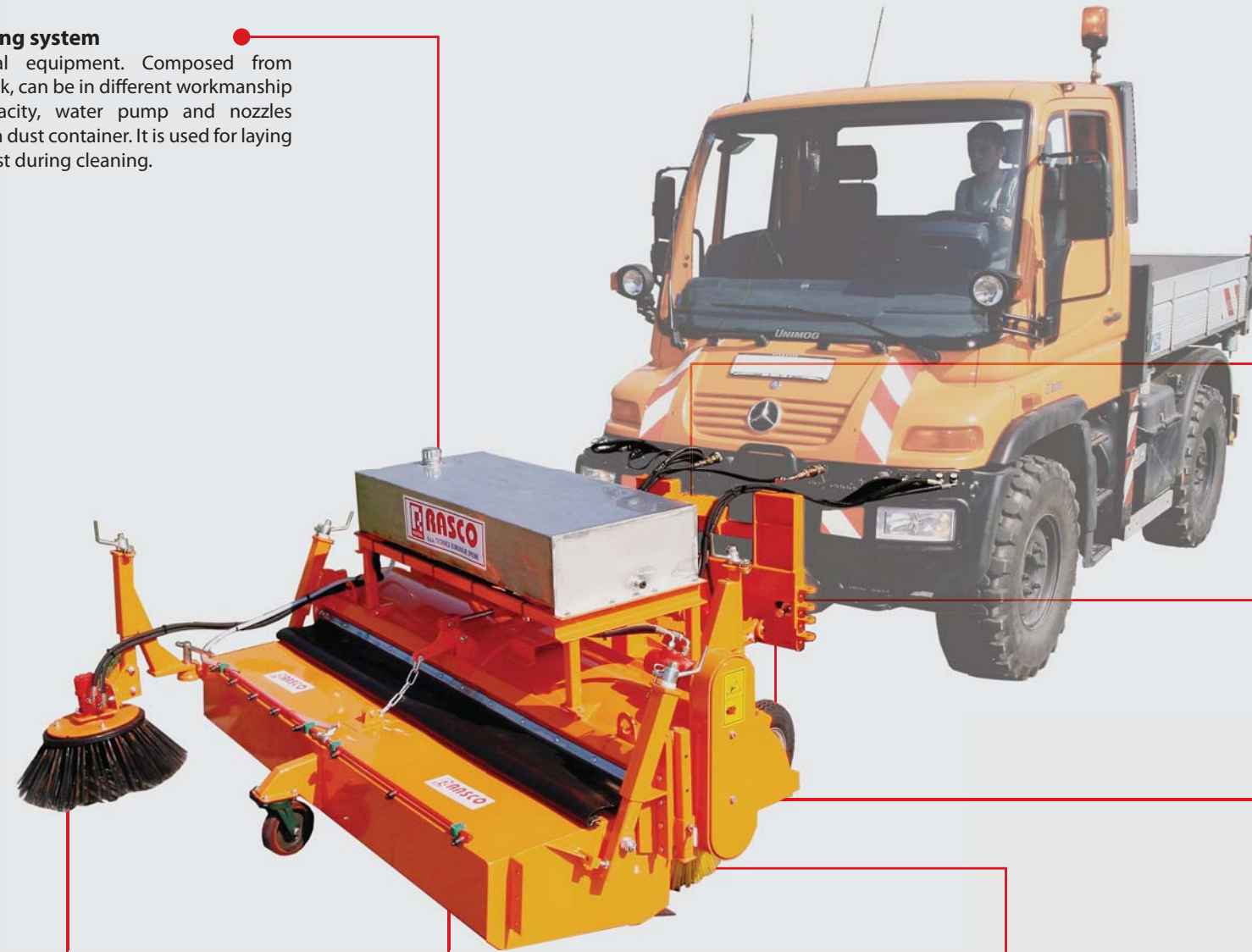
Standard equipment includes roadway brush with hydraulic cylinder for swivelling left-right and universal mounting plate with hydraulic cylinder for lifting and lowering of the brush.



road cleaning device

Sprinkling system

Additional equipment. Composed from water tank, can be in different workmanship and capacity, water pump and nozzles placed on dust container. It is used for laying down dust during cleaning.



Mounting plate
Serve for mounting the roadway brush on vehicle. Produced according to DIN 76 060 B.

Auxiliary wheel
Standard equipment of roadway brush. Intended to carry housing which ensures better "floating" of the brush and following of the cleaning surface.

Housing
Produced by principle of modular building, which means, on the standard version is possible to add additional equipment.

Side brush

Additional equipment of roadway brush. It is used for together with dust container. Intended for cleaning along curbstones where regular brush can reach.

Dust container

Additional equipment. It is used for collecting of swept material. Emptying by shaking is simple with hydraulic cylinder for lifting and lowering the container.

Rotational brush

Used for cleaning material from asphalt or concrete surface.

type	weight* [kg]	total width [mm]	cleaning width [mm]	brush diameter [mm]	min. engine power of the vehicle [kW]
MKN 2000	620 ÷ 840	2380	2000	Ø600 / Ø178	50



* roadway brush weight depends on customer's requirements

roadway brush

MKN

Additional equipment

Rotation brush is produced by principle of modular building, that is, additional equipment can be added on standard version:

- container for collection of swept material;
- side brush for curbstones;
- system for sprinkling composed from water pump, water tank can be in different workmanship and capacity, and nozzles

Dependable on place of mounting it is possible to choose from different workmanship and water tanks capacity as follows:

- water tank made from stainless steel, capacity of 220 liters, mounted on special carrier directly on roadway brush housing;
- PE-HD water tank with capacity of 350 liters, mounted on mounting plate intended for backhoe loaders;
- water tank with capacity of 2000 liters, mounted on the trunk of multipurpose driving vehicle



Mounting

Roadway brush is intended for mounting on multipurpose vehicle type UNIMOG, on a tractor with minimal engine power of 50 kW, or backhoe loaders of various manufacturers.

Driving vehicles where the brush is to be mounted must be equipped with corresponding hydraulic installation or outlet PTO shaft on front side, and standard size front mounting plate according to DIN 76 060 B.

It is recommended that mounting of roadway brush on vehicle is made by manufacturer, or an authorized workshop according to manufacturer instructions.

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