

## Vacuum Sweepers ride-on KM 100/100 R D

### Overview

Comfortable and modern ride-on sweeper for professional applications outdoors and indoors, sweeps 7.800 - 10.400 sq.m/h.

Order no. 1.280-114.0



### Standard accessories

Round polyester filter, , , Traction drive hydrostatic, Floating main roller brush, Adjustable suction power, Bulk waste flap , Overthrow sweeping principle, Travel drive, forward, Travel drive, reverse, Vacuum, Outdoor applications, Operating hour meter , , Pneumatic tyres

### Technical data

Drive	Yanmar diesel engine
Drive rating	4.1 kW / 4-stroke
Max. area performance m <sup>2</sup> /h	10400
Working width mm	700
Working width with 1 side brush mm	1000
Working width with 2 side brushes mm	1300
Battery Capacity	-
Battery Voltage	-
Container capacity l	100
Hill climbing ability %	18

## Vacuum Sweepers ride-on

### KM 100/100 R D

#### Description

##### TECHNICAL DESCRIPTION:

##### Drive:

- Yanmar 4.1 kW engine with pneumatic system
- 1 pedal for forward and reverse travel
- Small turning circle
- Automatic vacuum-operated parking brake
- Engine stops automatically when driver leaves seat

##### Sweeping/vacuuming system:

Unit operates on the overthrow principle, i.e. sweepings are thrown over the roller brush into the waste container situated behind it. The floating roller brush adapts automatically to uneven floors. Sophisticated locking system enables roller brush to be replaced without tools. A pedal-operated bulk waste flap allows easy pickup of bulky items, e.g. drinks cans, gravel, grit or wet leaves. The side brush and roller brush are activated hydraulically. A second side brush (left) is available as an option. Fine dust is filtered out via a filter cassette with an efficient mechanical shaker.

##### Waste container:

The two waste containers can be pulled out sideways. A bulk waste flap permits easy pickup of bulky items.

##### Controls:

Simple to use control panel  
1 pedal for forward and reverse travel.

#### Application

Driving time per tank filling approx. 2.5 hours

Outdoor and indoor areas, specially for:

Contract cleaners, crafts, fleet operators/forwarding agents, automotive workshops, municipalities, commerce, hotels

#### Features & Benefits

. An additional relief is provided by 4 castor rollers.

. Long life-time, smooth-running, long service-life.

. Maintenance-free and reliable low service-costs.

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.  
No additional costs for torn bowden cables (as used by competitors!)

.  
Optimum power transfer to all components, perfect sweeping results.

.  
Protection of the operator's back because the containers are made from robust, corrosion-free plastic (low weight).

.  
The left pedal is in charge to open the bulk waste flap easily because the flap is opened via a robust „Parallelogram Control System“.

Air-cooled, 1-cylinder 4-stroke Yanmar Diesel engine with 4,1 kW/ 5,3 hp. electric starter, integrated tank and choke.

Robust high-quality engine. Long life-time, service-friendly and economic.

Automatic filter cleaning of the polyester double-roundfilter (6 m<sup>2</sup>) (with dust category M approval) with the aid of an integrated wiper (patented).

Constant high sweeping performance with the aid of filter cleaning after every operation brake. Clean and hygienic. The polyester filter is washable and rot-proof for long operation periods and an outstanding dust separation performance of 99.9%.

Height-adjustable driver's seat.

Fatigue-free and convenient operation even for very tall persons and for long operation periods.

NEW! Completely hydraulically driven main brush, side brush(es) and drive unit.

No operation brakes caused by torn belts.

NEW! Pneumatically lowerable side brush(es) and main brush with the aid of vacuum tins.

Maintenance-free, long life-time, cost-saving.

One-piece double-side plastic hood (PE).

Robust and impact-resistant, corrosion-free, noise-reducing and recyclable.

Only a few, easily understandable operation elements.

## Vacuum Sweepers ride-on

### Batteries and chargers for vacuum sweepers with internal combustion engines

#### Charger

For batteries 7.654-002 and 6.654-019  
Order no. 6.654-116.0



#### Battery

Starter battery  
Order no. 7.654-002.0



### Lighting

#### Working light

For better visibility, e.g. in underground garages or warehouses  
Order no. 2.640-551.0



### Main roller brush, antistatic

#### Main roller brush, anti-static KM 100/100 R

For sweeping surfaces subject to static build up (e.g. carpets, artificial turf)  
Order no. 6.906-534.0



### Main roller brush, hard

#### Main roller brush, hard

Removes stubborn dirt in outdoor areas, moisture-proof  
Order no. 6.906-532.0



### Main roller brush, soft/natural

#### Main roller brush, soft/natural KM 100/100 R

With natural bristles, specially for sweeping fine dust on smooth indoor and outdoor surfaces  
Order no. 6.906-533.0



## Vacuum Sweepers ride-on

### KM 100/100 R D

#### Protective roof for operator with 360° warning beacon

##### Protective roof for operator with 360° warning beacon

Necessary for operating sweeper in high-bay warehouses. Complies with IEC

60335-2-72

Order no. 2.640-468.7



#### Round filter

##### Round filter KM 100/100 R

Synthetic filter, moisture-proof, washable, saves maintenance costs

Order no. 6.414-532.0



#### Side brush, hard

##### Side brush, hard

Removes stubborn dirt in outdoor areas, moisture-proof, mildly abrasive

Order no. 6.906-065.0



#### Side brush, left

##### Side brush, left

Complete, incl. standard side brush to increase area swept

Order no. 2.850-571.0



#### Side brush, soft

##### Side brush, soft

Sweeps fine dust on all surfaces, moisture-proof, for indoors and outdoors

Order no. 6.906-133.0



#### Side brush, steel bristles

##### Side brush, steel bristles

For stripping, removing moss, abrasive, for outdoor use only

Order no. 6.906-022.0



## Vacuum Sweepers ride-on

### KM 100/100 R D

#### Standard main roller brushes

##### Standard sweeping roller

Moisture-proof universal bristles, longlife, suitable for all surfaces  
Order no. 6.906-375.0



#### Standard side brushes

##### Standard side brush

Moisture-proof universal bristles, long life, suitable for all surfaces  
Order no. 6.905-986.0



#### Sweeping/Vacuuming

##### Suction hose

For cleaning corners  
Order no. 2.640-712.0



#### Tyres, puncture-proof

##### Puncture-proof tyres (rear), solid rubber, non-marking

Avoids tyre marks on light surfaces

Order no. 6.435-746.0



##### Puncture-proof tyres (rear), solid rubber

Recommended when sweeping metal shavings, glass splinters, etc. (also on front of KMR 1550)

Order no. 6.435-439.0



##### Puncture-proof tyres (front), solid rubber, non-marking

Avoids tyre marks on light surfaces

Order no. 6.435-406.0



## Vacuum Sweepers ride-on

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#### **Puncture-proof tyres (front), solid rubber**

Recommended when sweeping metal shavings, glass splinters, etc.  
Order no. 6.435-319.0



#### **Puncture-proof tyres (set), solid rubber**

Recommended when sweeping metal shavings, glass splinters, etc.  
Order no. 2.640-431.0



### **Warning beacon**

#### **360° warning beacon**

For increased safety  
Order no. 2.640-504.0

