

Comfortable and modern ride-on sweeper for professional applications outdoors and indoors, sweeps 8.000 - 10.400 sqm/h.

**Standard accessories:**

- Round polyester filter
- Automatic filter cleaning
- 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
- Sweep function (can be switched off)
- Pneumatic wheels



**Order no.: 1.280-114.0**

**Technical data**

Drive	4-stroke diesel engine / Yanmar
Drive – power	4.4 kW
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 (l )	100
Hill climbing ability (%)	18
Operating speed (km/h )	8
Filter area (m <sup>2</sup> )	6
Weight (kg)	340
Weight, ready to operate (kg)	-
Dimensions (L x W x H) (mm)	2006x1005x1343

## Details

### Description

**TECHNICAL DESCRIPTION:** Drive: - Yanmar 4.1 kW engine with pneumatic system - 1 pedal for forward and reverse travel - Small turning circle (3350 mm) - 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. 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.

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### 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

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### 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. . 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 4,4 kW / 6 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 recycleable. Only a few, easily understandable operation elements.

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## Accessories

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

#### Battery

Starter battery

Order no. 7.654-001.0



#### Charger

For charging the batteries

Order no. 6.654-116.0



### 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, antistatic

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

For the removal of stubborn dirt outdoors

Order no. 6.906-532.0



## Main roller brush, soft/natural

### Main roller brush, soft/natural

With natural bristles, specially for sweeping fine dust on smooth indoor and outdoor surfaces

Order no. 6.906-533.0



## 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

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

Order no. 6.414-532.0



## Side brush, hard

### Side brush, hard

Removes stubborn dirt outdoors, 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, left

complete, incl. standard side brush to increase area swept

Order no. 2.851-049.0



### Side brush, left

Complete, incl. standard side brush to increase area swept

Order no. 2.851-049.7



## 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



## 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, longlife, suitable for all surfaces

Order no. 6.905-986.0



## Sweeping/Vacuuming

### Suction hose

For cleaning corners

Order no. 2.641-689.0



## Tyres, puncture-proof

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

Recommended for sweeping metal shavings, glass shards, etc.

Order no. 2.640-431.7



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

Recommended for sweeping metal shavings, glass shards, etc.

Order no. 2.641-133.7



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

Recommended for sweeping metal shavings, glass shards, etc.

Order no. 6.435-319.0



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

Prevents tyre marks on light surfaces

Order no. 6.435-406.0



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

Recommended for sweeping metal shavings, glass shards, etc. (also at the front for KMR 1550)

Order no. 6.435-439.0



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

Avoids tyre marks on light surfaces

Order no. 6.435-746.0



Vacuum sweepers ride-on

## KM 100/100 R D



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### Warning beacon

#### 360° warning beacon

For increased safety

Order no. 2.640-504.0

