

## Vacuum Sweepers ride-on

### KMR 1700 D

#### Overview

Specially developed to meet the difficult requirements in heavy industry.

Sweeps simply everything from fine dust to bulky items. Dust pre-filter and automatic filter cleaning. All functions are controlled hydraulically.

Order no. 1.186-114.0



#### Standard accessories

Round polyester filter, , , Traction drive hydrostatic, Adjustable roller brush, Floating main roller brush, Power steering, Adjustable suction power, Bulk waste flap , Dustpan principle, Travel drive, forward, Travel drive, reverse, Vacuum, Hydr. container lift , Outdoor applications, Adjustable side brush speed , Operating hour meter , , Pneumatic tyres, Bumper bar

#### Technical data

Drive	Kubota diesel engine / 3 cyl. / 4-stroke
Drive rating	14 kW
Max. area performance m <sup>2</sup> /h	14000
Working width mm	1100
Working width with 1 side brush mm	1400
Working width with 2 side brushes mm	-
Battery Capacity	-
Battery Voltage	-
Container capacity l	300
Hill climbing ability %	25

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#### Description

The KMR 1700 D is a fully hydraulic, diesel-powered ride-on vacuum sweeper for cleaning large outdoor areas. It works on the dustpan-and-brush principle.

#### TECHNICAL DESCRIPTION:

##### Drive:

KUBOTA three-cylinder, water-cooled industrial diesel engine with electric starter (14 kW), revolution throttled for extra long life.

Infinitely variable forward and reverse hydraulic travel drive.

##### Sweeping mechanism:

Main roller brush (1100 mm wide) with chevron-pattern bristles and three settings:

- Suspended in floating mounts, so it adjusts automatically to compensate for wear and uneven surfaces.
- Fixed setting for sweeping smooth surfaces.
- Floating with additional down pressure for sweeping dips and hollows.

Driven by hydraulic motor with automatic shutdown when brush is raised.

Quick change facility for main roller brush.

Side brush (Ø 550 mm diameter) swings out automatically during operation, floating mount for protection against knocks and damage.

Driven via hydraulic motor.

##### Waste container:

Robust sheet-steel container with theoretical capacity of 300 litres.

Hydraulic container lift, infinitely variable up to 1600 mm, for emptying directly into refuse skip.

##### Filter and vacuum system:

Polyester filter with surface area of 9 m<sup>2</sup>, washable

Retention rate 99.9 % according to BIA ZH 1/487 (category M).

Electric filter shaker starts automatically when engine is switched off. Push-button for intermediate cleaning in very dusty conditions.

Suction can be switched off to sweep wet surfaces.

##### Electrical equipment:

Lighting to German licensing regulations with headlights, direction indicators, rear lights and hazard warning lights. Modifications to comply with country-specific regulations by arrangement.

Safety ignition lock

Operating hour meter

Dynamo: 12 V/40 A

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#### Application

The diesel-powered version of the KMR 1700 is designed for sweeping large outdoor areas.

Powerful drive enables unit to sweep on gradients up to 25 %.

Working time on one tank filling is approx. 20 hours. Depending on operating conditions, this is sufficient to sweep between 140,000 and 220,000 m<sup>2</sup> (50 - 80 % of theoretical sweeping capacity).

The KMR 1700 is used by local governments, industry and contract cleaners, especially in heavy-duty applications and multiple-shift operation.

#### Features & Benefits

Rot-proof polyester filter (9 m<sup>2</sup>) with automatic filter shaker.

Excellent dust separation (99.9 %). Wet-proof, washable. Long durability.

Air tyres on the front axle

Comfortable working even on uneven surfaces.

Hour meter

Control of operating times and maintenance intervals

Hydraulic driven and liftable main broom with 3 operation methods:

- fixed setting via turning knob, little wear
- floating for uneven surfaces
- floating with additional contact pressure via foot pedal.

Hydraulic-regulated high dump of waste container to the front (max. height 1600 mm).

High capacity, direct disposal in big containers.

Lighting for licensing regulations

Completely equipped for individual approval for public traffic

Side brush swings into the machine during high dump.

Brush protection during high dump/ manoeuvring.

Steel plate frame on 3-wheel-chassis.

Compact and robust construction. Best manoeuvrability (turning circle only 2.15 m) and stable.

## 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. 6.654-019.0



### Cabs and protective roofs

#### Heating for weatherproof cab

For comfortable, fatigue-free operation in cold season  
Order no. 2.639-872.0



### Main roller brush, full-house bristles

#### Main roller brush, full-house bristles

Easily removes large quantities of fine material, e.g. sand, moisture-proof, for indoor and outdoor areas  
Order no. 6.906-198.0



### Main roller brush, hard

#### Main roller brush, hard

Removes stubborn dirt in outdoor areas, moisture-proof  
Order no. 6.906-136.0



### Main roller brush, soft/ moisture-proof

#### Main roller brush, soft/ moisture-proof

Sweeps fine dust on all indoor and outdoor surfaces, moisture-proof  
Order no. 6.906-135.0



## Vacuum Sweepers ride-on

### KMR 1700 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. 2.639-192.7



#### Round filter

##### Round filter (pack of 3) KM 120/150, KMR 1700

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

Order no. 6.414-554.0



#### Side brush, full/house bristles (sand)

##### Side brush, full/house bristles (sand)

Easily removes large quantities of fine material, e.g. sand; moisture-proof, mildly abrasive

Order no. 6.906-199.0



#### Side brush, hard

##### Side brush, hard

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

Order no. 6.905-773.0



#### Side brush, soft

##### Side brush, soft

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

Order no. 6.905-620.0



## Vacuum Sweepers ride-on

### KMR 1700 D

#### Side brush, steel bristles

##### Side brush, steel bristles

For stripping, removing moss, abrasive, for outdoor use only  
Order no. 6.905-619.0



#### Standard main roller brushes

##### Standard main brush KMR 1700

Moisture-proof universal bristles, longlife, suitable for all surfaces  
Order no. 6.906-076.0



#### Standard side brushes

##### Standard side brush

Moisture-proof universal bristles, longlife, suitable for all surfaces  
Order no. 6.906-083.0



#### Tyres, puncture-proof

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

Avoid tyre marks on light surfaces. Two required  
Order no. 6.435-398.0



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

Avoid tyre marks on light surfaces  
Order no. 6.435-397.0



##### Puncture-proof tyres (front), foam-filled

Recommended when sweeping metal shavings, glass splinters, etc.  
Order no. 4.515-042.0



##### Puncture-proof tyres (set), foam-filled (ex factory)

Order no. 2.641-128.7



## Vacuum Sweepers ride-on

### KMR 1700 D

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

Avoid tyre marks on light surfaces

Order no. 2.641-127.7



#### **Weatherproof cab**

##### **Weatherproof cab**

Glazed all-round, windscreen wiper, hinged roof, fan, lockable driver's door, 360° warning beacon.

Order no. 2.639-148.7

