

Vacuum Sweepers ride-on

KMR 1700 D KAT

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. Equipped with environment friendly catalytic converter.

Order no. 1.186-314.0



Standard accessories

Side brush, Power steering, Suction fan cut-out, Bumper bar, Separate accelerator and brake pedal, Patented filter shaker system, Cartridge filter PES, Pneumatic tyres, Roller brush, tunable, Roller brush, floating, Container capacity 300l, Catalytic converter, Travel drive hydrostatic, Bulk waste flap, Travel drive, reverse, Travel drive, forward, Operating hour meter, Adjustable side brush speed, Outdoor applications, Sweeping mechanism can be deactivated, Vacuum

Technical data

Drive	Kubota diesel engine / 3 cyl. / 4-stroke
Drive rating	14 kW
m ² /h	theoretical/14000
Working width mm	1100
Working width with 1 side brush mm	1400
Working width with 2 side brushes mm	-
Operating speed km/h	10
Battery Capacity	-
Battery Voltage	-

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 (14 kW), with electric starter and catalytic converter. Revolution throttled for extra long life.

Infinitely variable forward and reverse hydraulic travel drive.

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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 m², 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

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 m² (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.

Vacuum Sweepers ride-on

Batteries and chargers for vacuum sweepers with internal combust

Charger 12 V

For batteries 7.654-002 and 6.996-499/6.654-019
Order no. 6.654-116.0



Starter battery ICC 2

12 V, 88 Ah, (C5), maintenance-free
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 bristles

Hauptkehrwalze mit Vollbeborstung

Easily removes large quantities of fine material, e.g. sand, moisture-proof, for indoor and outdoor areas

L= 1100 mm
Order no. 6.906-198.0



Main roller brush, hard

Main roller brush, hard KMR 1700

Removes stubborn dirt in outdoor areas, moisture-proof

L= 1100 mm
Order no. 6.906-136.0



Main roller brush, soft/ moisture-proof

Main roller brush, soft/ moisture-proof KMR 1700

Sweeps fine dust on all indoor and outdoor surfaces, moisture-proof

L= 1100 mm
Order no. 6.906-135.0



Vacuum Sweepers ride-on

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Rundfilter

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

Plastic filter, moisture-proof, washable, saves maintenance costs
Order no. 6.414-554.0



Schutzdach für Bediener mit Rundumwarnleuchte

Protective roof for operator KMR 1700

Necessary to comply with IEC 60335-2-72 when operating sweeper in high-bay warehouses.
Order no. 2.639-192.0



Side brush, full bristles (sand)

Seitenbesen mit Vollbeborstung (Sand)

Easily removes large quantities of fine material, e.g. sand, moisture-proof, mildly abrasive
Ø 550 mm
Order no. 6.906-199.0



Side brush, hard

Seitenbesen hart

Removes stubborn dirt in outdoor areas, moisture-proof, mildly abrasive
Ø 550 mm
Order no. 6.905-773.0



Side brush, soft

Seitenbesen weich

Sweeps fine dust on all surfaces, moisture-proof, for indoors and outdoors
Ø 550 mm
Order no. 6.905-620.0



Vacuum Sweepers ride-on

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Side brush, steel bristles

Seitenbesen mit Stahlborsten

For stripping, removing moss, abrasive, only for outdoor use Ø 550 mm
Order no. 6.905-619.0



Standard main roller brushes

Standard main brush KMR 1700

Moisture-proof universal bristles, long life, suitable for all surfaces
L= 1100 mm
Order no. 6.906-076.0



Standard side brushes

Standardseitenbesen

Moisture-proof universal bristles, long life, suitable for all surfaces
Ø 550 mm
Order no. 6.906-083.0



Tyres, puncture-proof

Puncture-proof tyres (rear), non-marking, solid rubber KMR 1700

Recommended when sweeping metal shavings, glass splinters, etc. Two required
Order no. 6.435-398.0



Puncture-proof tyres, non-marking – (front), solid rubber KMR 1700

Recommended when sweeping metal shavings, glass splinters, etc. Two required
Order no. 6.435-397.0



Puncture-proof tyres (rear) foam-filled KMR 1700

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



Vacuum Sweepers ride-on

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Wetterschutzkabine

Weatherproof cab

Allround glazing, windscreen wiper, liftable roof, fan, lockable driver's door.

Warning beacon included in scope of supply.

Order no. 2.639-148.0

