

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.

Standard accessories:

- Round polyester filter
- Manual filter cleaning system
- Automatic filter cleaning
- 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
- Hydraulic container lift
- Outdoor applications
- Adjustable side brush speed
- Operating hour meter
- Sweep function (can be switched off)
- Pneumatic wheels
- Catalytic converter
- Bumper bar



Order no.: 1.186-314.0

Technical data

Drive	4-stroke diesel engine / KAT / Kubota
Drive – power	14 kW
Max. area performance m ² /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 (l)	300
Hill climbing ability (%)	20
Operating speed (km/h)	10

Vacuum sweepers ride-on
KMR 1700 D KAT



Technical data

Filter area (m ²)	9
Weight (kg)	1200
Weight, ready to operate (kg)	-
Dimensions (L x W x H) (mm)	2310x1510x1430

Details

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. 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.

Features & Benefits

Rot-proof polyester filter (9 m²) 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.

Accessories

Cabs and protective roofs

Heating for weatherproof cab

For comfortable and fatigue-free operation even in bad weather.

Order no. 2.639-872.0



Heating for weather-proof cab

For comfortable and fatigue-free operations even in bad weather conditions

Order no. 2.639-872.7



Main roller brush, full-house bristles

Main roller brush, full-house bristles

For large amounts of fine sweepings, e.g. sand, indoors and outdoors, moisture-proof

Order no. 6.906-198.0



Main roller brush, hard

Main roller brush, hard

For the removal of stubborn dirt outdoors

Order no. 6.906-136.0



Main roller brush, soft/ moisture-proof

Main roller brush, soft/ moisture-proof

Sweeps fine dust on all surfaces indoors and outdoors

Order no. 6.906-135.0



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. 2.639-192.7



Round filter

Round filter

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 cleans away large amounts of fine sweepings, e.g. sand, moisture-proof, mildly abrasive

Order no. 6.906-199.0



Side brush, hard

Side brush, hard

Removes stubborn dirt outdoors, 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



Side brush, steel bristles

Side brush, steel bristles

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

Order no. 6.905-619.0



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 (set), solid rubber, non-marking

Avoid tyre marks on light surfaces

Order no. 2.641-127.7



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

Recommended for sweeping metal shavings, glass shards, etc.

Order no. 2.641-128.7



Puncture-proof tyres (front), foam-filled

Recommended for sweeping metal shavings, glass shards, etc.

Order no. 4.515-042.0



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

Prevents tyre marks on light surfaces, 2x required

Order no. 6.435-397.0



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

Avoid tyre marks on light surfaces.

Order no. 6.435-398.0



Vacuum sweepers ride-on
KMR 1700 D KAT



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

