

SWEEPERS.
FROM 47 TO 130 CM



CLEAN IS QUALITY





THE CLEAN RESULT OF COMPREHENSIVE EXPERIENCE.

Manually-operated pedestrian sweepers in lightweight design without suction



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Theoretical coverage max.
2800 to 3150 m²/h
Working width max. 800 and 900 mm

Manually-operated pedestrian sweepers in lightweight design with suction



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Theoretical coverage max.
3150 to 3600 m²/h
Working width max. 900 mm

Heavy Duty Manually-operated pedestrian sweepers with suction



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Theoretical coverage max.
2720 to 3520 m²/h
Working width max. 680 and 880 mm

Ride-on sweepers with suction



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Theoretical coverage max.
7130 to 8850 m²/h
Working width max. 1150 mm

Ride-on sweeper with suction



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Theoretical coverage max.
9750 m²/h
Working width max. 1300 mm

**LIGHTWEIGHT WITHOUT SUCTION.
EFFICIENT. MANOEUVRABLE. ECONOMICAL.**

**K 80|40
K 90|50 E
K 90|50**

- The manually-operated pedestrian, cost-effective sweepers for indoor and outdoor use in small to medium areas.
- Clean to the edge: dual side brushes as part of the standard equipment sweep all curbs and corners residue-free.
- Operating handle can be folded down for space saving transport and storage.
- Lightweight but sturdy: impact-resistant and weatherproof polyethylene chassis, extremely durable polyamide rollers and side brushes.
- Operator friendly: simple changes of roller brushes and side brushes, easy access to waste container and technical compartment.
- Standard large sweeping capacity: the waste container holds 40 or 50 litres.



K 80|40

- The Entry-Level Model offering convincing price-performance-ratio, low weight and simple operating – efficient up to 1000 square metres.

- Clean thoroughly for longer: two brush rollers rotating in opposite directions clean twice as thoroughly and transport all debris into the waste container – for a good filling level of up to 85 to 100 percent and fewer stops for emptying the waste container.

	K 80 40	K 90 50 E	K 90 50
L x W x H	800 x 660 x 330 mm	1091 x 760 x 460 mm	1091 x 760 x 460 mm
Sweeping principle	overthrow	dustpan	overthrow
Working width w/o side brushes	470 mm	500 mm	500 mm
with 1 side brush	–	700 mm	700 mm
with 2 side brushes	800 mm	900 mm	900 mm
Theoretical coverage max.	2800 m ² /h	3150 m ² /h	3150 m ² /h
Empty weight	14 kg	29 kg	30 kg
Waste container	40 l	50 l	50 l

TRACTION

Mode of drive	manual	manual	manual



K 90|50 E

- This machine with single-roller-dustpan-principle picks up all types of surface debris, from sand to dust and even coarse dirt and is ideal for sweeping even extreme applications.
- Powerful, low-maintenance chain driven brush rollers.

K 90|50

- Dual-roller-system for thorough cleanliness: two brush rollers rotating in opposite directions using the overthrow sweeping principle transport debris into the waste container, with a filling level of up to 100 percent.

**MANUALLY-OPERATED. LIGHTWEIGHT DESIGN.
THE STANDARD FOR DUST FREE VACUUM SWEEPING.**

KS 90|B 50
KS 90|BM 60
KS 90|VM 60

- ⌚ The universal vacuum sweepers for increased productivity and a wide sweeping reach for use in industrial and commercial buildings, warehouses, underground car parks, at petrol stations, in production halls as well as on textile surfaces such as indoor tennis centres.
- ⌚ Foldable handle saves space when sweeper is transported or in storage.
- ⌚ Superior quality and long lifespan: impact-resistant and weatherproof polyethylene chassis, extremely durable polyamide rollers and side brushes.
- ⌚ Clean properly everywhere: dual side brushes transport debris from the corners towards the front of the sweeper rollers.
- ⌚ For longer operating intervals: large dirt container with 50 or 60 litres capacity and superior filling level of up to 100 percent.
- ⌚ Easy maintenance: no tools required to change roller and side brushes, easy access to waste container and technical compartment.
- ⌚ Dual-roller-system for thorough cleanliness: two brush rollers rotating in opposite directions using the overthrow sweeping principle which transports the debris into the waste container.
- ⌚ Dust free sweeping: the flat pleated filter with a surface of 1.3 m² absorbs even the finest dust particulates, the manually-operated filter shaker dislodges dust particles deep within the filter pleats.



KS 90|B 50

- ⌚ Standard integrated battery charger. Battery capacity 26 Ah 5. Optional 52 Ah 5 for longer operating intervals of up to 3.5 hours.
- ⌚ Powerful, low-maintenance chain driven brush rollers.

KS 90|BM 60

- ⌚ Functional in all areas: the vacuum sweeper with traction drive is easy to manoeuvre even in corners and features a good climbing ability.
- ⌚ Change and adjustment of the roller brushes without any tool.

KS 90|VM 60

- ⌚ 4-stroke motorised sweeper with traction drive on both impellers – for excellent manoeuvrability in difficult areas and for use on sloping surfaces handling inclines of up to 20 percent.



	KS 90 B 50	KS 90 BM 60	KS 90 VM 60
L x W x H	1091 x 760 x 460 mm	1000 x 780 x 460 mm	1000 x 780 x 530 mm
Sweeping principle	overthrow	overthrow	overthrow
Working width w/o side brushes	500 mm	500 mm	500 mm
with 1 side brush	700 mm	700 mm	700 mm
with 2 side brushes	900 mm	900 mm	900 mm
Theoretical coverage max.	3150 m ² /h	3600 m ² /h	3600 m ² /h
Empty weight w/o battery	46 kg	38 kg	52 kg

BATTERIES/ELECTRICAL DATA

Rated voltage	12 V	12 V	–
Capacity/working time	26 Ah 5/1.5 h	50 Ah 5/2 h	–
	52 Ah 5/3.5 h	–	–
Integrated charger	yes	–	–

SUCTION

Dust suction	yes	yes	yes
Waste container	50 l	60 l	60 l

FILTER

Filter size	1.3 m ²	1.3 m ²	1.3 m ²
Shaker	mechanical	mechanical	mechanical

TRACTION

Mode of drive	manual	friction wheel drive	Honda 4-stroke 1 kW
Speed max.	–	3.7 km/h	3.7 km/h
Climbing ability	–	20 %	20 %

HEAVY DUTY SWEEPER WITH SUCTION.
BATTERY-POWERED OR MOTOR DRIVEN.
ONE WILL ALWAYS MEET THE REQUIREMENTS.

KS 51|BM 45
KS 51|VM 45 M
KS 71|BM 60
KS 71|VM 60 M



- ❶ With perfect suction, compact dimensions and large filter area, this range of vacuum sweepers provides for dust free continuous daily cleaning operations, also in heavily soiled areas, both indoors as well as outdoors.
- ❷ Longer working periods without interruptions: using the overthrow sweeping principle which allows for maximum filling of the waste container with a capacity of up to 60 litres.
- ❸ Larger debris can be picked up by activating the bulk waste flap.
- ❹ Easy to clean filters: the large horizontal flat pleated filters with a filter area of 2 or 3 m² can be cleaned efficiently by using the filter shaker; manual filter cleaning for the engine operated models (VM) and electrical filter cleaning for the battery operated models (BM).
- ❺ The mechanical interruption of the suction flow protects the filter from damages when driving over wet areas.
- ❻ Equipment variations for all eventualities: battery-powered version for all noise-sensitive areas and indoor facilities, petrol-powered motor for outdoor use; batteries of 76 Ah 5 up to 180 Ah 5 for longer operating times of 1.5 up to 3.6 hours.
- ❼ Polyester filter, brush unit and motor are located apart to protect the traction drive from soiling.
- ❽ Fatigue-free working: the forward propulsion of the roller brush enables easy manoeuvring, also on inclines or rough surfaces when mechanical drive is switched on.

	KS 51 BM 45	KS 51 VM 45 M	KS 71 BM 60	KS 71 VM 60 M
L x W x H	1260 x 630 x 850 mm	1260 x 630 x 850 mm	1260 x 820 x 850 mm	1260 x 820 x 850 mm
Sweeping principle	overthrow	overthrow	overthrow	overthrow
Working width w/o side brushes	510 mm	510 mm	710 mm	710 mm
with 1 side brush	680 mm	680 mm	880 mm	880 mm
Theoretical coverage max.	2720 m ² /h	2720 m ² /h	3520 m ² /h	3520 m ² /h
Empty weight w/o battery	76 kg	81 kg	87 kg	100 kg
Waste container	45 l	45 l	60 l	60 l

BATTERIES/ELECTRICAL DATA

Rated voltage	12 V	–	12 V	–
Capacity / working time	76 Ah 5/1.5 h	–	76 Ah 5/1.5 h	–
	105 Ah 5/2.0 h	–	105 Ah 5/2.0 h	–
	110 Ah 5/2.2 h	–	110 Ah 5/2.2 h	–
	175 Ah 5/3.1 h	–	175 Ah 5/3.1 h	–
	180 Ah 5/3.6 h	–	180 Ah 5/3.6 h	–

FILTER

Filter size	2 m ²	2 m ²	3 m ²	3 m ²
Shaker	electric	manual	electric	manual

TRACTION

Mode of drive	friction wheel drive	Honda 3 kW	friction wheel drive	Honda 3 kW
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**A STRONG RIDE-ON SWEEPER.
IN THREE VARIATIONS. BATTERY-POWERED
OR AS PETROL OR DIESEL ENGINES.**

AKS 70|BM 62
AKS 70|VM 62
AKS 70|VDM 62



- ⦿ The easy to operate, compact ride-on sweeper with great suction power and large filter surface is ideal for economical cleaning of medium indoor and outdoor areas.
- ⦿ Polyester filter, brush unit and motor are located apart for a longer lifespan of the traction drive.
- ⦿ Safe when used in areas with public traffic: all around beam lights and horn as standard equipment. Protective shield, headlights and reversing signal are optional.
- ⦿ Standard efficient filter system: the filter area is 6 m² and is distributed over 6 cylinder cartridges, the electrical filter shaker enables consistently efficient cleaning of the filter.
- ⦿ With a solid steel construction the ride-on sweeper is extremely robust.
- ⦿ Variations for all eventualities: battery-powered drive, petrol-powered or diesel-engine-powered, battery capacity of 175 Ah 5 up to 200 Ah 5, equipment variations for inclines of up to 20 percent.
- ⦿ Optional bumpers and lateral bumper wheels protect both the machine and clients property.
- ⦿ The mechanical interruption of the suction flow protects the filter from damages when driving over wet areas.
- ⦿ Large volume, emptied quickly: the waste container holds 62 litres and may be lifted; optional electrical container lift up to a height of 110 cm, for filling of large garbage bags or suitable containers.

	AKS 70 BM 62	AKS 70 VM 62	AKS 70 VDM 62
L x W x H	1430 x 910 x 1140 mm	1430 x 910 x 1140 mm	1430 x 910 x 1140 mm
Sweeping principle	overthrow	overthrow	overthrow
Working width w/o side brushes	700 mm	700 mm	700 mm
with 1 side brush	920 mm	920 mm	920 mm
with 2 side brushes	1150 mm	1150 mm	1150 mm
Theoretical coverage max.	7130 m ² /h	8850 m ² /h	8850 m ² /h
Empty weight w/o battery	260 kg	300 kg	310 kg
Waste container	62 l	62 l	62 l

BATTERIES/ELECTRICAL DATA

Rated voltage	24 V	-	-
Capacity / working time	175 Ah 5/2.0 h	-	-
	180 Ah 5/2.1 h	-	-
	200 Ah 5/2.2 h	-	-

FILTER

Filter size	6 m ²	6 m ²	6 m ²
Shaker	electric	electric	electric

TRACTION

Mode of drive	electro motor	petrol, Honda 4 kW	diesel, Yanmar 3.5 kW
Traction drive	back wheel	front wheel	front wheel
Speed max.	6.2 km/h	7.7 km/h	7.7 km/h
Climbing ability	20 %	12 %*	12 %*

*20 % optional.

THE LARGE RIDE-ON SWEEPER. FOR MAJOR APPLICATIONS.

AKS 80|BM 108

- ❶ The large ride-on sweeper with well engineered components, 1300 mm working width with side brushes and electrical filter shaker for a consistently high sweeping performance in all large areas.
- ❷ Sweep safely without leaving a trace: non-marking wheels and lateral sealing rubbers for indoor use.
- ❸ Polyester filter, brush unit and motor are located apart to protect the traction drive from soiling.
- ❹ With a solid steel construction the ride-on sweeper is extremely robust, with shock absorbers on each side brushes to protect both the machine and clients property.
- ❺ Large polyester filter with 5.5 m² filter area.
- ❻ Long operating times, short stops: the extendable dirt container holds 108 litres; optional hydraulic operated high dumping system lifts up to a height of 145 cm for emptying of dirt container directly into a larger container.



AKS 80|BM 108

L x W x H	1560 x 1020 x 1300 mm
Sweeping principle	overthrow
Working width w/o side brushes	780 mm
with 1 side brush	1050 mm
with 2 side brushes	1300 mm
Theoretical coverage max.	9750 m ² /h
Empty weight w/o battery	375 kg
Waste container	108 l

BATTERIES/ELECTRICAL DATA

Rated voltage	24 V
Capacity/working time	240 Ah 5/2.2 h
	255 Ah 5/2.8 h

FILTER

Filter size	5.5 m ²
Shaker	electric

TRACTION

Mode of drive	electro motor
Traction drive	front wheel
Speed max.	7.5 km/h
Climbing ability	18 %

ALWAYS GOOD. MATCHING ACCESSORIES.

Standard: durable, extensive filter in polyester. Optional available is a HEPA-filter for maximum filtration of fine dust, suspended matters and smallest particulates.



Roller brushes and side brushes for all fields of application: natural brushes for textile and delicate floors extremely robust synthetic brushes and steel brushes for outdoor use, durable synthetic brushes for industrial floors.

Application-oriented bristles



Flat pleated filter



Cylinder filter

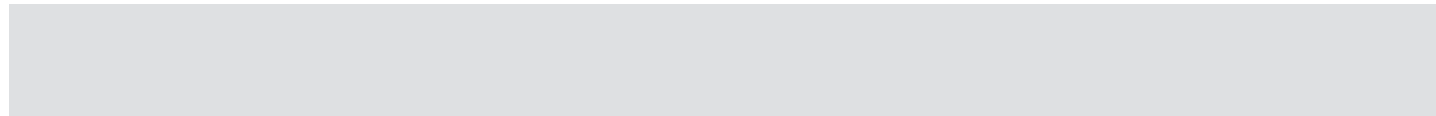


Pocket filter



2012/1 | Technical data subject to change without notice.

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