

SWEEPERS.

FROM 47 TO 130 CM



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THE CLEAN RESULT OF COMPREHENSIVE EXPERIENCE.

Manually-operated pedestrian sweepers in lightweight design without suction



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

Manually-operated pedestrian sweepers in lightweight design with suction



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

Heavy Duty Manually-operated pedestrian sweepers with suction



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

Ride-on sweepers with suction



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

Ride-on sweeper with suction



Theoretical coverage max.
9000 m²/h
Working width max. 1260 mm

Ride-on sweeper with suction



Theoretical coverage max.
11.500 m²/h
Working width max. 1440 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 50E	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	28 kg	30 kg
Waste container	40 l	50 l	50 l

TRACTION

Mode of drive	manual	manual	manual
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K 90|50E

- 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|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 or synthetic surfaces such as indoor tennis centres.
- ⌚ 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.
- ⌚ 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.
- ⌚ Dust free sweeping: the flat pleated filter with a surface of 1.3 m² absorbs even the finest dust particles, the manually-operated filter shaker dislodges dust particles deep within the filter pleats.
- ⌚ Clean properly everywhere: dual side brushes transport debris 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.



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|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.
- Change and adjustment of the roller brushes without any tool.



KS 90|B 50

KS 90|VM 60

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

BATTERIES/ELECTRICAL DATA

Rated voltage	12 V	–
Capacity/working time	21 Ah 5/1,5 h	–
	42 Ah 5/3,5 h	–
Integrated charger	yes	–

SUCTION

Dust suction	yes	yes
Waste container	50 l	60 l

FILTER

Filter size	1.3 m ²	1.3 m ²
Shaker	mechanical	mechanical

TRACTION

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

- 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.
- 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.
- Larger debris can be picked up by activating the bulk waste flap.
- 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).
- The mechanical interruption of the suction flow protects the filter from damages when driving over wet areas.
- Equipment variations for all eventualities: battery-powered version for all noise-sensitive areas and indoor facilities, petrol-powered motor for outdoor use; batteries of 70 Ah 5 up to 175 Ah 5 for longer operating times of 1.5 up to 3.4 hours.
- Polyester filter, brush unit and motor are located apart to protect the traction drive from soiling.
- 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 BM45	KS 51 VM45M	KS 71 BM60	KS 71 VM60M
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	75 kg	85 kg	88 kg	98 kg
Operating weight*	137 kg (180 Ah 5)	87 kg	150 kg (180 Ah 5)	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	–
	180 Ah 5/3.1 h	–	180 Ah 5/3.1 h	–
	175 Ah 5/3.4 h	–	175 Ah 5/3.4 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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*Operating weight includes above-mentioned battery and 90% tankful

**20% optional.







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



*Picture with optional equipment

- ⦿ 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.
- ⦿ Standard efficient filter system: the filter area is 6 m² and is distributed over 6 polyester cylinder cartridges, the electrical filter shaker enables consistently efficient cleaning of the filter.
- ⦿ The mechanical interruption of the suction flow protects the filter from damages when driving over wet areas.
- ⦿ Filter, brush unit and motor are located apart for a longer lifespan of the traction drive.
- ⦿ With a solid steel construction the ride-on sweeper is extremely robust.
- ⦿ Optional bumpers and lateral bumper wheels protect both the machine and clients property.
- ⦿ 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.
- ⦿ 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.
- ⦿ Variations for all eventualities: battery-powered drive, petrol-powered or diesel-engine-powered, battery capacity of 160 Ah 5 up to 200 Ah 5, equipment variations for inclines of up to 20 percent.

	AKS 70 BM62	AKS 70 VM62	AKS 70 VDM62
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	262 kg	312 kg	325 kg
Operating weight*	461 kg	390 kg	402 kg
Waste container	62 l	62 l	62 l

BATTERIES/ELECTRICAL DATA

Rated voltage	24 V	–	–
Capacity/working time	175 Ah 5/1,8 h	–	–
	180 Ah 5/2,0 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 %*

*Operating weight includes the biggest possible battery, 90% tankful and 75kg user

**20 % optional.

THE LARGE RIDE-ON SWEEPER. FOR MAJOR APPLICATIONS.

AKS 80|BM 108

AKS 80|VM 108

AKS 80|VDM 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 Cylinder cartridge 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 Powerful suction and large polyester cylinder cartridge filter with 6.4 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.
- ❼ Optionally, the dirt container can be equipped with three small inner containers for convenient manual emptying.
- ❽ Also available with powerful Honda petrol engines and Yanmar diesel engines guarantee the highest possible daily operating safety.



*Picture with optional equipment

	AKS 80 BM 108	AKS 80 VM 108	AKS 80 VDM 108
L x W x H	1560 x 1020 x 1300 mm	1560 x 1020 x 1300 mm	1560 x 1020 x 1300
Sweeping principle	overthrow	overthrow	overthrow
Working width w/o side brushes	780 mm	780 mm	780 mm
with 1 side brush	980 mm	980 mm	980 mm
with 2 side brushes	1260 mm	1260 mm	1260 mm
Theoretical coverage max.	9000 m ² /h	9000 m ² /h	9000 m ² /h
Empty weight w/o battery	359 kg	440 kg	480 kg
Operating weight*	626 kg (280 Ah 5)	518 kg	557 kg
Waste container	108 l	108 l	108 l

BATTERIES/ELECTRICAL DATA

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

FILTER

Filter size	6,4 m ² / 5,5** m ²	6,4 / 5,5** m ²	6,4 / 5,5** m ²
Shaker	electric	electric	electric

TRACTION

Mode of drive	electro motor	petrol, Honda 4,1 kW	diesel, Yanmar 4,9 kW
Traction drive	front wheel	front wheel	front wheel
Speed max.	7.5 km/h	7,5 km/h	7,5 km/h
Climbing ability	20 %	18 %	18 %

*Operating weight includes above-mentioned battery, 90% tankful and 75kg user

** 6,4 m² with cylinder cartridge (standard), 5,5 m² with polyester pocket filter (optional)



*Picture with optional equipment

STRONG. HEAVY. BLUE. THE PRO WITH BATTERIE ODER AS DIESEL.

AKS 88|BM 180

AKS 88|VDM 180

- The large ride-on sweeper with 1440 mm working width, two side brushes and electrical filter shaker for a consistently high sweeping performance in all large areas.
- Sweeps safely without leaving a trace: non-marking wheels and lateral sealing rubbers for indoor use.
- High quality polyester pocket filter, brush unit and motor are located apart to protect the traction drive from soiling.
- The suction system with two powerful motors for amazing suction results free of dust for the environment.
- With a solid sealed steel construction the ride-on sweeper is extremely robust, with shock absorbers on each side brushes to protect both the machine and clients property.
- Self-adjusting cylindrical brush level for best sweeping results over a long period of time.
- Huge filtrating surface from 11m² with cleaning of pocket filter by electric buzzer.
- The serial hydraulic high dumping system lifts up to a height from 40 to 143 cm for emptying of waste container directly into a larger container.
- Perfect drive with the reliable electronic traction on the rear wheels. Super elastic solid rubber wheels with large diameter grant for a greater comfort.
- All important elements are clearly arranged in the direct view of the operator.
- With lifting hooks the machine may be easily transported.
- Extras to serve any kind of applications: different types of filters, different types of brushes, Hepa filter, shelter.



*Picture with optional equipment

	AKS 88IBM 180	AKS 88IVDM 180
L x W x H	1860 x 1245 x 1545 mm	1860 x 1245 x 1545 mm
Sweeping principle	overthrow	overthrow
Working width w/o side brushes	880 mm	880 mm
with 1 side brush	1160 mm	1160 mm
with 2 side brushes	1440 mm	1440 mm
Theoretical coverage max.	11.500 m ² /h	11.500 m ² /h
Empty weight w/o battery	684 kg	810 kg
Operating weight*	1119 kg (480 Ah 5)	895 kg
Waste container	180 l	180 l

BATTERIES/ELECTRICAL DATA

Rated voltage	24 V
Capacity/working time	320 Ah 5 / 3 h
	480 Ah 5 / 6-7 h

FILTER

Filter size	11 m ² **	11 m ² **
Shaker	electric	electric

TRACTION

Mode of drive	electro motor	diesel, Kubota 12,75 kW
Traction drive	back wheel	front wheel
Speed max.	7,9 km/h	7,9 km/h
Climbing ability	16 %	16 %

*Operating weight includes above-mentioned battery, 90% tankful and 75kg user

** 5,5 m² with polyester pocket filter (standard), 8 m² with cylinder cartridge (optional)



*Picture with optional equipment

ALWAYS GOOD. MATCHING ACCESSORIES.

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



Bristles for every kind of application



Flat pleated filter





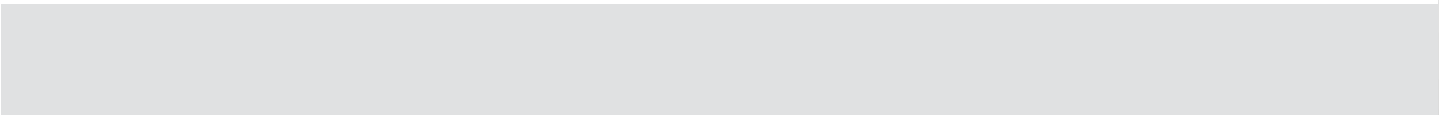
◉ Roller brushes and side brushes for all fields of application: natural brushes for textile and delicate floors extremely robust synthetic brushes and steel brushes for outdoor use, durable synthetic brushes for industrial floors.

Cylinder filter



Pocket filter





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