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# VKS

Sweeper



The VKS series of mounted sweepers is designed for front and rear mounting on medium and heavy carrier vehicles such as Unimog, trucks, tractors and others. They are ideal for use when removing coarse dirt on large areas, while different sets of bristles make them suitable for use in all seasons. The VKS series is available in a number of models with different roller lengths.

## Highlights

- **Dust-free sweeping**
- **Three-point parking system**
- **Can be mounted both in front and behind the carrier vehicle**

## Your benefits

- **Year-round use:** Various brush sets allow the VKS to be used in summer and winter.
- **Robust and low-maintenance construction:** Suitable for heavy loads and heavy sweeping operations.
- **User-friendly operation:** The brush is continuously adjustable to the left and right. The integrated lifting system provides additional operating efficiency.

## Performance features

### Vehicle design and technology

The VKS can be mounted both in front and behind the carrier vehicle. It is open to the front and designed without a dirt box to optimise its performance. Height-adjustable wheels ensure the correct and individual broom support pressure. The VKS has a strongly-dimensioned swivel joint for absorbing and transmitting operational forces, and an integrated three-point stop system. A liftable dirt collection flap, with additional dirt collection cloth, prevents light or coarse swept material from being accidentally thrown away, even at high performance.

Depending on the model, the VKS is available with different roller lengths and with brush material for various applications: VKS 22 (2200 mm), VKS 24 (2400 mm), VKS 26 (2600 mm), VKS 4 (2100 mm) and VKS-H (3400 mm). The VKS 22, VKS 24 and VKS 26 have a central support frame made of torsion-resistant square tubing. The VKS 4, designed as a particularly robust construction site sweeper, is equipped with a self-supporting broom housing.

The VKS cleans large areas of even coarse dirt quickly and easily, using bristles made of high-quality polypropylene or corrugated wire.



### Water system

A spray unit with water nozzles ensures dust-free sweeping. The required water can be drawn directly from the tank on the VKS or pumped from a water tank on the carrier vehicle.

### Lifting system

The lifting system integrated in the machine enhances its user-friendliness, while there are infinite directional adjustments - left, right or forward.

### Drive

The VKS is driven either by the PTO (Power Take-Off) shaft or the vehicle hydraulics. The hydraulic motor for the sweeper roller drive is located inside the sweeper roller, so that no parts protrude. Due to this compact design, the operator has an unobstructed view of his equipment. As a result, the VKS achieves excellent results when working directly on industrial or house walls, as no components protrude to the sides.

### Year-round use

Due to its design, the VKS series is not only suitable for cleaning work in summer, but its different sets of brushes make it ideal for winter use as well. And, with its special whisk, it keeps surfaces with a light covering snow-free.

### Use at airports

The VKS-H is a solution for year-round cleaning of aprons and taxiways at airports. It is suitable for heavy loads and tough sweeping operations, like cleaning coarse dirt from operational areas. It is perfect for front-mounting on both medium and heavy carrier vehicles and fits very well with the AS 990 airport sweeper. The operating surfaces are cleaned with a sweeping width of 3,150 mm at an angle of 24°. The swivel joint allows infinitely variable adjustment of the sweeping roller from 0° to 24° (left and right) during sweeping operations.

## Gallery



## Related product

**LKS**

Sweeper



## Keywords

#Counties, Cities & Municipalities #Airports #Contractors #Industry, Construction & Facility Management #Sweeping #Clearing Snow #Innercity Roads #Sidewalks & Cycleways #Parking Facilities & Underground Car Parks #Airport Landside #Industrial & Port Areas

## Technical data

	VKS 22	VKS 24	VKS 26
<b>Sweeping unit</b>			
Sweeping width	1,955 mm	2,128 mm	2,301 mm
Roller brush diameter	600 mm	600 mm	600 mm
Roller brush length	2,200 mm	2,400 mm	2,600 mm
Roller brush swivel angle	30°	30°	30°

<b>Hydraulic system</b>			
Flow rate approx.	75 l/min	75 l/min	75 l/min

<b>Dimensions</b>			
Width	2,372 mm	2,572 mm	2,772 mm
Height	976 mm	976 mm	976 mm

	VKS 4	VKS-H
<b>Sweeping unit</b>		
Sweeping width	1,900 mm	3,150 mm
Roller brush diameter	700 mm	800 mm
Roller brush length	2,100 mm	3,400 mm
Roller brush swivel angle	26°	24

<b>Hydraulic system</b>		
Flow rate approx.	75 l/min	-

<b>Dimensions</b>		
Width	2,400 mm	3,150 mm
Height	980 mm	-



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Document created on 26 Feb 2021

