

SWEEPERS HDK FKM SFK GFK



FKM



HDK



SFK

Sweepers

HDK series

Sweepers with working widths from 1.3 to 2.7 metres.

The compact design of the sweepers of the HDK series as well as the wide range of attachment options ensure that the sweepers can be attached to tractors, municipal carrier vehicles, farm loaders, forklift trucks, etc. The HDK sweepers are available as front or rear attachment.

Like the FKM and SFK models, the HDK machines operate with a self-oscillating sweeping roller. This eliminates the need for adjusting via the wheels.

On request, a generously dimensioned dirt collecting bin can be installed. It is opened and closed hydraulically. When sweeping without collecting bin, the bin remains on the device and does not have to be removed.

The hydraulically operated rotary side brush is installed on the dirt collection bin and its speed is smoothly adjustable. The diameter of the rotary side brush is 700 mm.

The sweeping roller of the HDK has a diameter of 600 mm. The sweepers are equipped with disc brushes as standard. However, sweeping rollers made of plastic corrugated wire, snow sweeping rollers and sweeping rollers in honeycomb form are also available.

On request, the sweepers can be equipped with a hydraulic lateral adjustment of 0.60 m. This allows working even in tight turns.

An extensive range of accessories including water spraying device, high-pressure water equipment, water tank or dirt scraper bar guarantee a versatile sweeper working spectrum.

The technical data is given on page 7.



HDK with rotary side brushes in action





The HDK 1300, 1600, 1800 and FKM 1800 sweepers can be equipped with a sweeping roller with wild weed attachment to ensure clean pavement surfaces.



HDK with dirt collection bin and rotary side brush



HDK on wheel loader with height compensation



HDK with PTO shaft drive



HDK 2400 for front three-point



Sweepers

FKM and SFK series

FKM sweepers with working widths from 1.8 to 2.7 metres, sweeping roller diameter 600 mm.

SFK sweepers with working widths from 2.2 to 3.0 metres, sweeping roller diameter 700 mm.

The DÜCKER sweepers of the FKM and SFK series are designed for daily and hard work. The stable, torsion-free housing is made of double-walled sheet steel. The sweeping roller is either hydraulically driven by the vehicle hydraulics or particularly powerfully via the PTO shaft of the carrier vehicle.

The FKM and SFK sweepers are designed as front attachment for tractors with e-point linkage Cat II + III, Unimogs, trucks and wheel loaders.

The sweeping roller self-oscillates optimally. This ensures optimum ground contact across its entire width and allows for sweeping out depressions and irregularities of the ground. Tiresome adjustment via supporting wheels is no longer necessary. Furthermore, the independent self-oscillation considerably increases the service life of the sweeping roller.

On request, a generously dimensioned dirt collecting bin can be installed. It is opened and closed hydraulically. When sweeping without collecting bin, the bin remains on the device and does not have to be removed.

The hydraulically operated rotary side brush is installed on the dirt collection bin and its speed is smoothly adjustable. The diameter of the rotary side brush is 700 mm. Different attachments are possible: Plastic, plastic flat wire or wild weed discs made of flat wire.

The sweeping roller of the FKM series has a diameter of 600 mm. For the SFK series, the diameter is 700 mm. The sweepers are equipped with disc brushes as standard. However, sweeping rollers made of plastic corrugated wire, snow sweeping rollers and sweeping rollers in honeycomb form are also available.



FKM with PTO shaft drive



FKM sweeping without collecting bin



FKM sweeper, hydraulically driven by truck, with water spraying device and water tank





Two brushes can be installed vertically on the dirt collection bins to clean rail grooves.



SFK with dirt scraper bar and high-pressure water equipment as rear attachment



SFK with snow sweeping brush



FKM with dirt collection bin

On request, the hydraulically driven sweepers of the FKM and SFK series can be equipped with a hydraulic lateral adjustment of 0.60 m. This allows working even in tight turns.

An extensive range of accessories including water spraying device, high-pressure water equipment, water tank or dirt scraper bar guarantee a versatile sweeper working spectrum.

The technical data is given on page 7.



Special version of the SFK 2200 with scraper bar, high-pressure water equipment and spray bar



hydraulic lateral adjustment by 0.60 m



Sweeper GFK 4000

Sweeper with a working width of 4.2 metres.

The DÜCKER GFK 4000 front sweeper with a working width of 4.20 m is designed for large-area use, e.g. on airports.

The hydraulically driven GRP sweeper can be attached either to the quick-change system or to the front three-point hydraulics on the Unimog or tractor. The drive is supplied either by the vehicle hydraulics or by a separate hydraulic unit in the rear attachment.

Due to the enormous sweeping roller width of 4.20 m, an effective working width of 4.00 m is achieved even at an inclination of 30°.

The GFK 4000 sweeper runs on two robust, swivelling double wheels made of solid rubber. These guarantee optimum ground adjustment and allow for a maximum working speed of 30 km/h. A hydraulic impact protection via 2 cylinders protects the machine from damage in case of unintentional collision with obstacles.

The dynamically balanced sweeping roller is equipped with cassette brushes. The diameter is 915 mm.

The technical data is given on page 7.



GFK 4000 in action at the airport



Ground adjustment via height-adjustable wheels



GFK on the tractor with rear-attached hydraulic unit



Technical Data

	Working width m	Working width when inclined m	Total width m	Dead weight without dirt collecting bin kg	Dead weight with dirt collecting bin kg	Dirt collecting bin capacity approx. litre	Disc brush diameter mm	Rotary side brush diameter mm	Electric water pump also available with 24 V Volt	Water tank capacity litres on sweeper	Hydraulic operating pressure max. bar	Minimum oil requirement approx. litres
HDK 1300	1,3	1,2	1,52	240	350	160	600	700	12	180	180	30
HDK 1600	1,6	1,5	1,82	260	390	200	600	700	12	180	180	30
HDK 1800	1,8	1,7	2,02	280	420	220	600	700	12	270	180	30
HDK 2200	2,2	2,1	2,42	360	510	250	600	700	12	270	180	40
HDK 2400	2,4	2,3	2,62	390	520	290	600	700	12	270	180	40
HDK 2700	2,7	2,6	2,92	420	680	330	600	700	12	270	180	50
FKM 1800	1,8	1,7	2,05	520	640	320	600	700	12	270	180	30
FKM 2200	2,2	2,1	2,45	560	680	370	600	700	12	270	180	40
FKM 2400	2,4	2,3	2,65	580	700	420	600	700	12	270	180	40
FKM 2700	2,7	2,6	2,95	600	750	470	600	700	12	270	180	50
SFK 2200	2,2	2,05	2,45	620	780	440	700	700	12	270	180	50
SFK 2400	2,4	2,25	2,65	640	850	480	700	700	12	270	180	50
SFK 2700	2,7	2,55	2,95	750	920	540	700	700	12	270	180	75
SFK 3000	3,0	2,85	3,30	850	1080	600	700	700	12	270	180	75
GFK 4000	4,2	4,0	4,70	1600	-	-	915	-	-	-	300	125

Technology for environmental landscape maintenance and agriculture



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