

Product overview

Sweepers



- Professional sweepers
- Front sweepers
- Sweepers for front and rear mounting
- Sweepers for tractors and municipal vehicles
- Rear-mounted sweepers
- Sweepers for small tractors
- Sweepers for ride-on mowers

Made in Germany!



Innovations Sweepers

FKM 60 / KM 70 series

When it comes to large-area sweeping work where high sweeping performance and a good result are important, the latest generation FKM 60 and KM 70 sweepers are the right choice.

These newly developed machines are technically mature and configured for carrier vehicles with hydraulic (FKM 60 and KM 70) or alternatively mechanical drive (FKM 60). Equipped with large sweeping rollers (FKM 60 with a diameter of 60 cm and KM 70 with a diameter of 70 cm), they provide a solid, consistently good sweeping result. This series was completed with a newly developed, multifunctional valve block. All hydraulic functions are compactly accommodated in it. For example, the container is emptied via a hydraulic function. As an option, the sweeper can also be equipped with the "KM-Control" system. This uses sophisticated electronics to ensure that the sweeper roller is in constant contact with the ground, thus ensuring consistently good results. The KM-Control was awarded the Innovation Medal at the GaLaBau trade show in Nuremberg in 2016. The sweepers are available in various working widths from 130 cm to 300 cm.

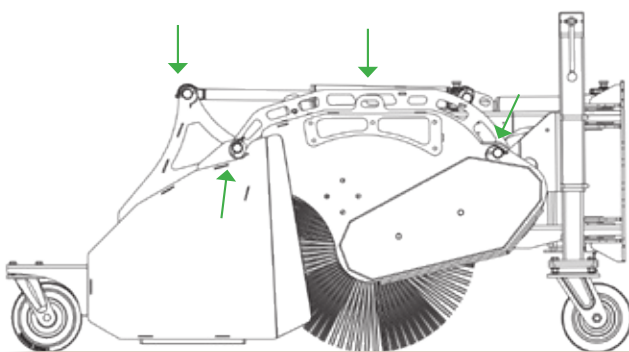
lic functions are compactly accommodated in it. For example, the container is emptied via a hydraulic function. As an option, the sweeper can also be equipped with the "KM-Control" system. This uses sophisticated electronics to ensure that the sweeper roller is in constant contact with the ground, thus ensuring consistently good results. The KM-Control was awarded the Innovation Medal at the GaLaBau trade show in Nuremberg in 2016. The sweepers are available in various working widths from 130 cm to 300 cm.

Special feature of the floating collection tank

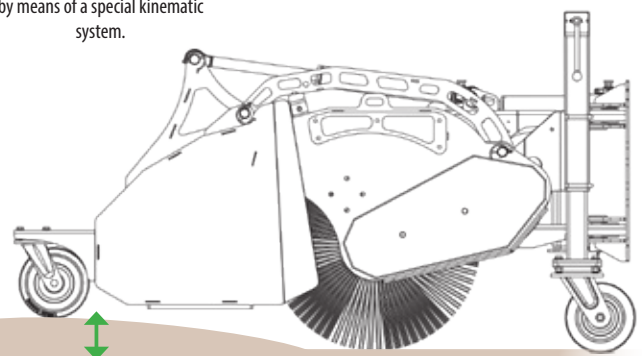
Usually, the protective collection container of a sweeper is connected to the roller housing via fixed pivot points. For ground contour following, there are usually 2 running wheels behind the sweeper roller and at least 1 running wheel in the front area, which can also be mounted on the collection container. Due to such a rigid construction, a sweeper often loses contact with the ground, e.g. when the system is lifted by the front impeller when approaching a slope. The FKM 60 and KM 70 series sweeper now offers a remedy. These machines feature a new type of suspension or guide system for the collection hopper.

A floating guide is fitted to the notching machine, which uses an ingenious roller system to ensure that only the collection hopper is lifted when approaching a slope or parallelogram. This means that the sweeper roller never loses contact with the ground. This ensures a better sweeping result; especially where uneven surfaces are frequently encountered. In addition, compared with conventional systems, the sweeping roller no longer has to be set so low to compensate for uneven terrain. This reduces wear, which in turn increases cost-effectiveness.

Functionality floating collection tank



In the event of height differences, the collection container is raised or lowered by means of a special kinematic system.



The floating collection hopper is mounted on the sweeper housing via a movable joint and roller system

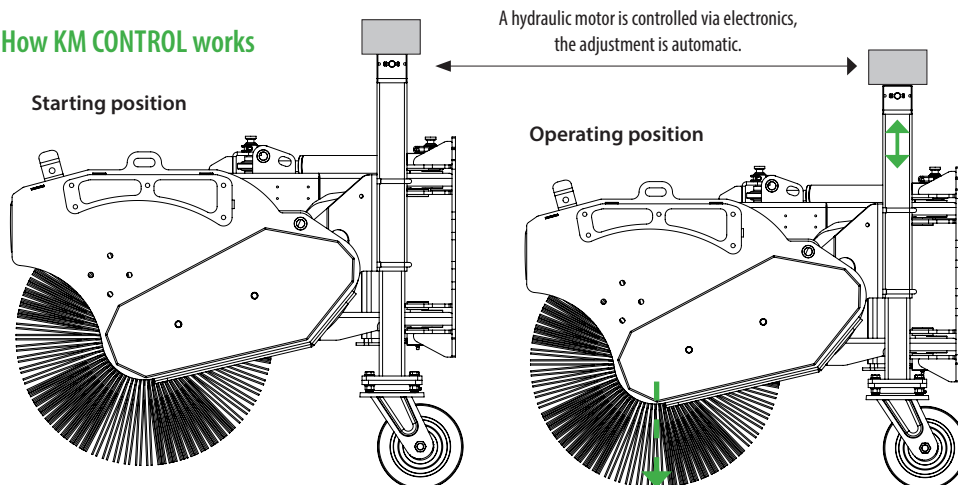


Sweeping with control

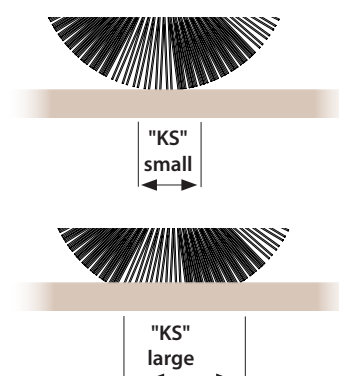
Many users are displeased by the fact that conventional sweepers can only be adjusted manually. In practice, manual adjustment is often too aggressive and the sweeper roller is set too low. This places an unnecessarily high load on the machines and results in high wear of the sweeper roller. A newly developed KM-Control control unit now provides a remedy: the adjustment of the sweeping roller to the substrate is automated. The hydraulic pressure at the drive motor of the sweeping roller is detected via a sensor system. The measured values are evaluated by a microprocessor, which constantly carries out a target/actual comparison. If the measured values are outside the specified range, an oil motor

is activated via a hydraulic auxiliary circuit, which adjusts the height of the trailing wheels and thus ensures optimum height adjustment of the sweeper roller in relation to the ground. Operation is convenient via the control panel in the driver's cab. Two operating modes can be selected for normal soiling (small sweeping area) and heavy soiling (large sweeping area). Another aspect is the safety and comfort. Because the sweeper is controlled from the control panel installed in the cab, it is not necessary to leave the protected cab when making adjustments. (According to the professional associations, most preventable accidents occur when leaving the cab).

How KM CONTROL works



Sweep mirror ("KS") operation modes



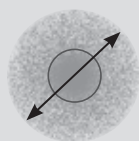
Front sweepers

with floating metal collection box for tractors, municipal vehicles and loaders

KM 70

Working widths

250/270/300 cm



Sweep roller diameter
70 cm



From 80 hp



Drive via duplex chain
(self-tensioning/maintenance-free)



Sweeping roller versions

Combination sweeper roller (1), Polywell wire sweeper roller (2), dirt sweeper roller (3), snow sweeper roller (4)

Other roller types for different applications possible



Slewing ring

KM CONTROL
Automatic height adjustment
(option)

Central
Height adjustment

Central control block
for all functions

Positioning
supports

PVC splash guard

Divided
Side part

Large dimensioned
Collection box

Guide for
floating
collection box

Hydraulic
Container emptying

Sturdy swivel castors
made of Solid rubber, 2
tons support load

Divided
Side part

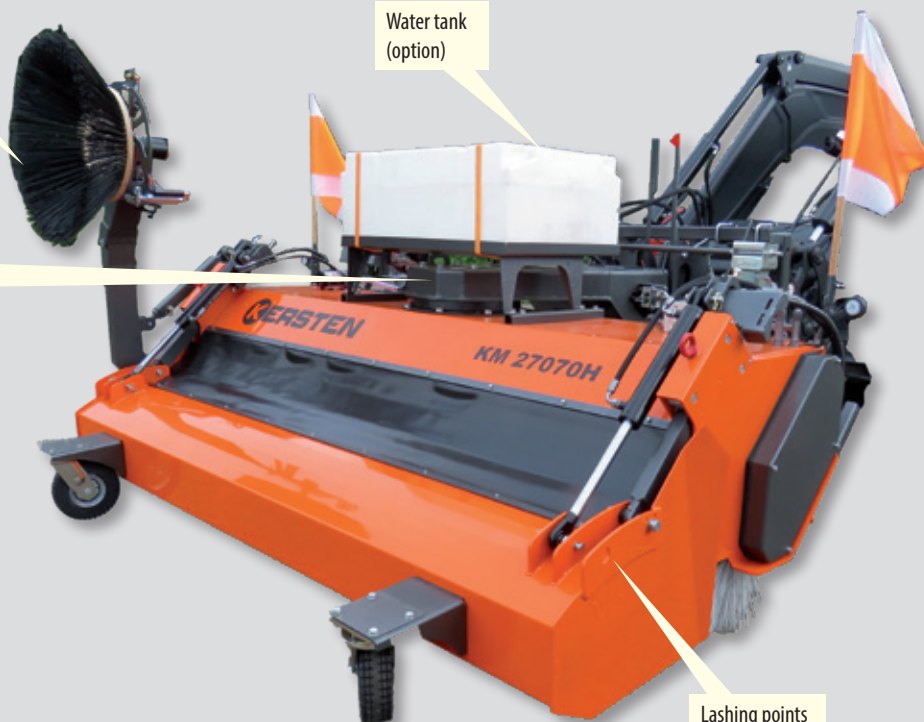


Attachment side broom with collision protection and tool-free angle adjustment (option)

Water tank (option)

Solid Slewing ring 10 tons tractive force

Lashing points



FACTS

Special features

- Prepared for KM CONTROL
Electronic height control
- Floating collection box
Made of steel



Use of sweeping roller types

- Combination sweeper roller
(standard factory setting)
For more than 90% of all applications
- Polycorrugated wire sweeping roller
For high levels of stuck dirt, e.g. moss, etc.
- Dirt sweeping roller
Due to higher bristle content suitable for greater soiling
- Snow sweeping roller
Due to a special bristle arrangement with a larger space between the bristles, the snow is optimally transported away

Practical accessories

- Dirt collection container
The dirt is collected in one operation
- Rubber splash flap
To reduce flying dirt particles
- Side broom right/left
For collecting dirt also in side areas, e.g. curb gutters etc.
- Positioning supports
for longer storage in order not to damage the sweeping roller
- Water sprinkler system
Low pressure/high pressure
- Scraper bar

Hydraulic block with all Safety functions



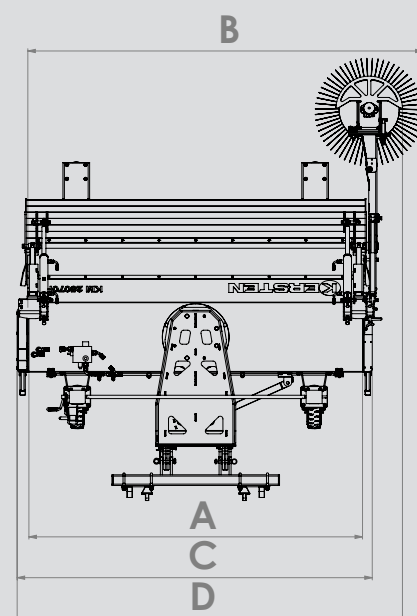
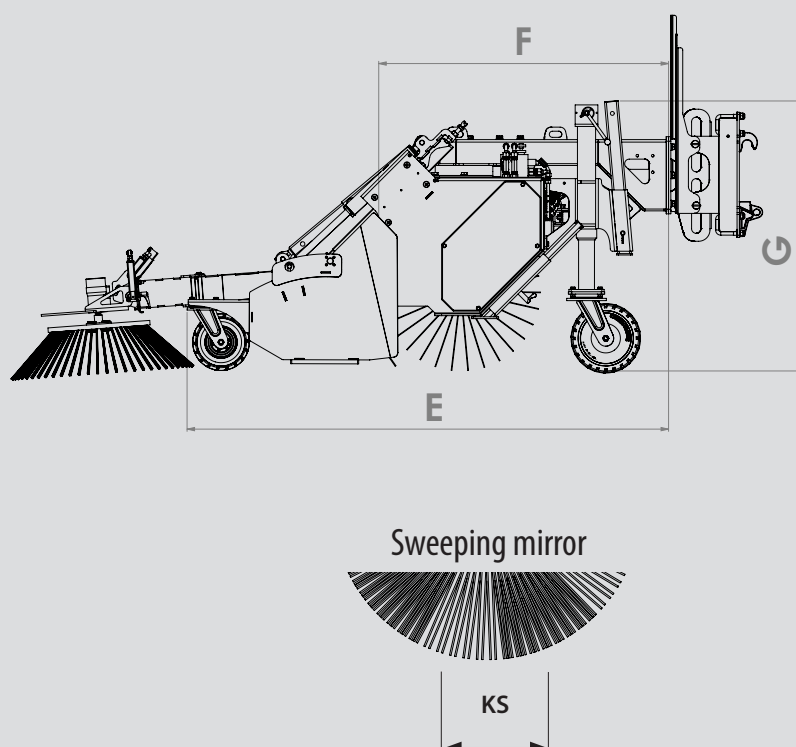
Positioning supports



Height adjustment



Measurements	KM 22570 H	KM 25070 H	KM 27070 H	KM 30070 H
A: Working width straight; without side broom [cm]	225	250	270	300
B: Working width straight; with side broom [cm]	265	290	310	340
Working width inclined [cm]	205	229	247	274
C: Clearance width straight; without side broom [cm]	242	267	287	317
D: Clearance width straight; with side broom [cm]	263	288	308	338
Clearance width, inclined; without collection box [cm]	250	270	290	310
E: Length; Including collection box; With attachment frame [cm]	212	212	212	212
G: Height; without attachment frame [cm]	119	119	119	119
Brush diameter [cm]	70	70	70	70
Swivel angle [degrees]	25	25	25	25
KS: Sweep mirror [cm]	12-15	12-15	12-15	12-15
Weights				
Basic unit [kg]	530	550	580	630
Collection box [kg]	204	212	220	232
Side broom [kg]	62	62	62	62
Scraper bar [kg]	210	230	250	275
Water sprinkler; full tanks [kg]	235	235	235	235
Capacity				
Collection box [litr]	275	300	325	360
Water sprinkler [litr]	200	200	200	200
Power				
Oil volume [litr/min] at 180 bar	50	50	50	50
Tractor power mech. [hp] min.	80	80	80	80



Item number	Description
Hydraulically driven	
KM 22570 H (without attachment frame) Working width 250 cm 	Professional sweeper 250 cm working width Sweeping roller diameter 70 cm <ul style="list-style-type: none"> Hydraulically driven Internal orbital motor Internal support frame, high stability and rigidity Sweeping roller diameter 70 cm 2 heavy duty supports with wheels 300 x 100 mm Height adjustment of the sweeping roller is done by a crank Mechanical left and right swiveling via ball slewing ring Ø 400 mm Combined sweeping roller with poly brushes Multifunctional hydraulic block for all necessary functions (overpressure valve, overrun protection of the sweeping roller, switch valve for dirt collection tank, flow control valve for infinitely variable speed of the sweeping roller. Load-sensing safety valve) Prepared for floating collection box Divided side part for changing the sweeping roller Painting RAL 2004 Prepared for KM CONTROL
KM 25070 H (without attachment frame) Working width 250 cm	Professional sweeper 250 cm working width Sweeping roller diameter 70 cm For further description see art. no.: KM 22570 H
KM 27070 H (without attachment frame) Working width 270 cm	Professional sweeper 270 cm working width Sweeping roller diameter 70 cm For further description see art. no.: KM 22570 H
KM 30070 H (without attachment frame) Working width 300 cm	Professional sweeper 300 cm working width Sweeping roller diameter 70 cm For further description see art. no.: KM 22570 H
Attachment frame	
ABR 70 FRONT	Attachment frame for front three-point linkage
ABR 70 TELE-DP	Attachment frame for wheel loader/telescopic loader attachment and three-point attachment
ABR 70 Euro	Attachment frame for Euro mount
ABR 70 GS	Attachment frame for forklift truck mount
ABR 70 U	Attachment frame for Unimog mount/implement plate according to DIN-EN

Description		Suitable for sweeper	KM 22570 H
Options/Accessories			
Dirt collection container <ul style="list-style-type: none"> Protective cover included Including hydraulic tank emptying with 2 cylinders Floating 		Item number	SSB 22570
Scraper bar with hydraulic operation (also in combination with collection box)		Item number	-
Splash guard Rubber splash cloth included <ul style="list-style-type: none"> Height adjustable 		Item number	SPL 22570
Attachment side broom 70 cm broom diameter right side <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up protection mounting plate 		Item number	ASH 8570 R
Attachment side broom 70 cm broom diameter left <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up protection mounting plate 		Item number	ASH 8570 L
Water sprinkler <ul style="list-style-type: none"> Water tank 200 liters, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 Volt 		Item number	WAS 200 KM 70
Hydraulic swiveling device <ul style="list-style-type: none"> For swiveling the machine on both sides 		Item number	HSZ-450
Electromagnetic valve <ul style="list-style-type: none"> For installation in sweeper thereby only 1 double acting valve required, Function: swiveling and sweeper drive Height adjustment via spindle 		Item number	EMV-KM 70
KM CONTROL Automatic height adjustment/monitoring of the sweeping roller on the ground <ul style="list-style-type: none"> Can be controlled from the vehicle via control panel Permanent monitoring of the height adjustment 		Item number	KM-CONTROL
Marker lights red-white		Item number	BGL-KM 70
Set of warning flags with holder		Item number	WA-FLAG-KM 70

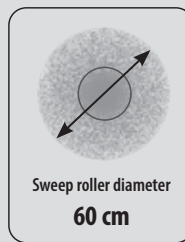
KM 25070 H	KM 27070 H	KM 30070 H
SSB 25070	SSB 27070	SSB 30070
AKL 25070	AKL 27070	AKL 30070
SPL 25070	SPL 27070	SPL 30070
ASH 8570 R	ASH 8570 R	ASH 8570 R
ASH 8570 L	ASH 8570 L	ASH 8570 L
WAS 200 KM 70	WAS 200 KM 70	WAS 200 KM 70
HSZ-450	HSZ-450	HSZ-450
EMV-KM 70	EMV-KM 70	EMV-KM 70
KM-CONTROL	KM-CONTROL	KM-CONTROL
BGL-KM 70	BGL-KM 70	BGL-KM 70
WA-FLAG-KM 70	WA-FLAG-KM 70	WA-FLAG-KM 70

Front sweepers with floating metal collection tank for tractors, municipal vehicles and wheel loaders

FKM 60

Working widths

130/150/165/190/225/250 cm



From 50 hp



Floating
collection box



Hydraulic side broom
with start-up protection
and tool-free angle
adjustment



2 x 100 ltr. water tank
(option)



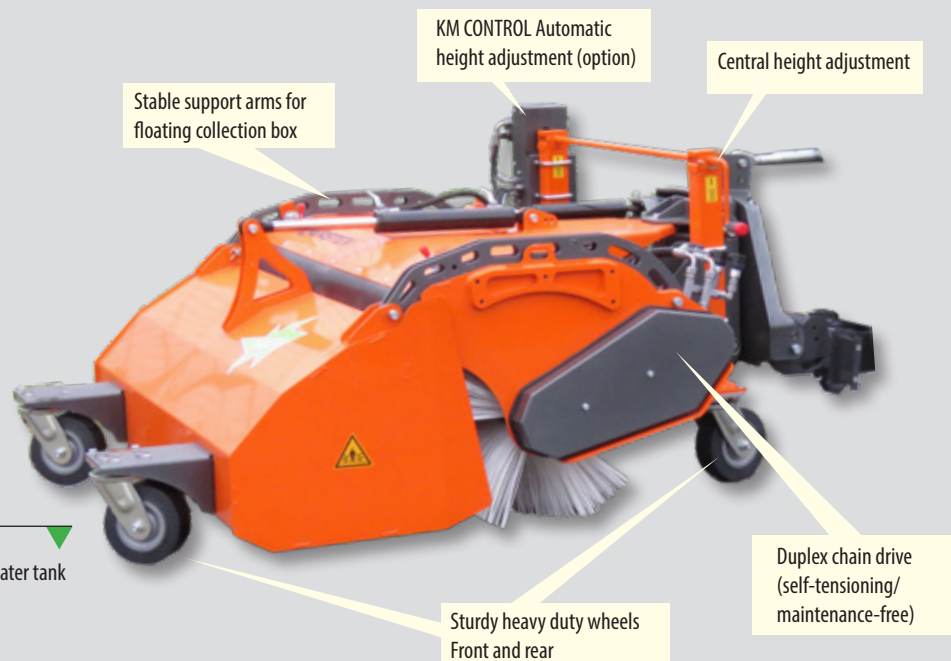
Split side panel
for easy change
of the sweeper roller

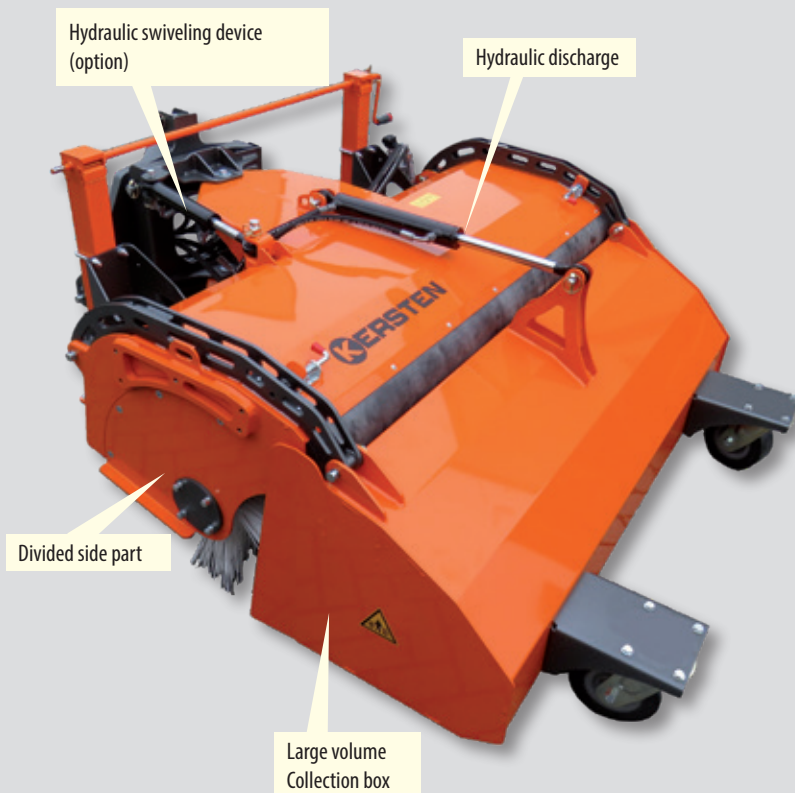


Sweeping roller versions

Combination sweeper roller (1), Polywell wire sweeper roller (2),
dirt sweeper roller (3), snow sweeper roller (4)

Other roller types for different applications possible.

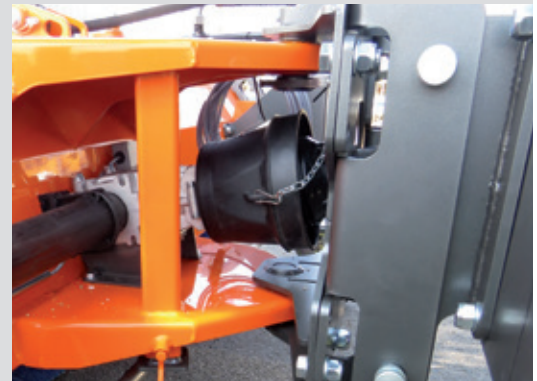




Scraper bar (option)



Mechanical drive (hydraulic optional)



Hydraulic block with all safety functions and free sweeping mode



Locking bolt for parking and moving the sweeper



Height compensation



FACTS

Special features

- Prepared for KM CONTROL
Electronic height control
- Floating collection box
Made of steel

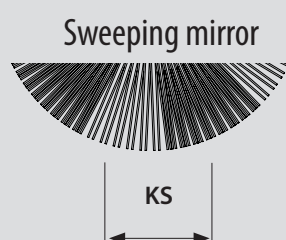
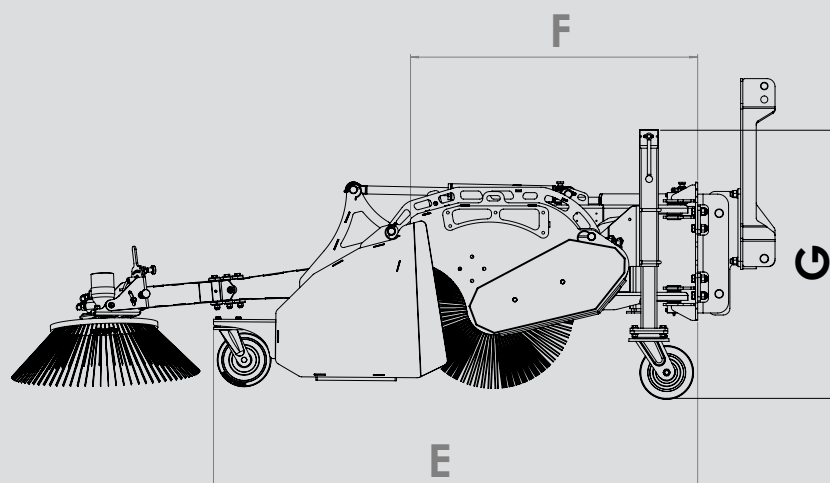
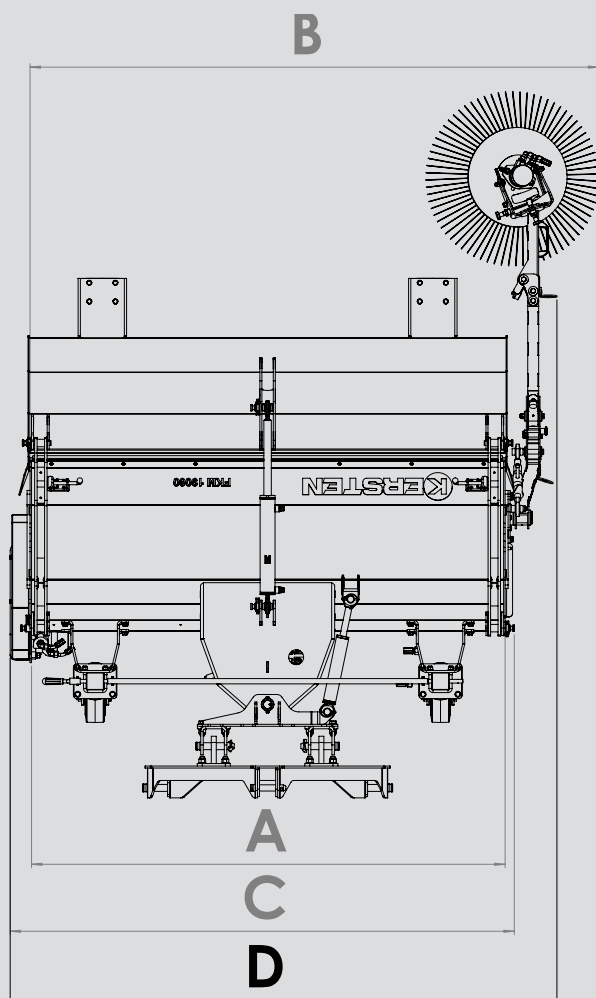
Use of sweeping roller types

- Combination sweeper roller
(standard factory setting)
For more than 90% of all applications
- Poly-/corrugated wire sweeping roller
For high levels of stuck dirt, e.g. moss, etc.
- Dirt sweeping roller
Due to higher bristle content suitable for larger amounts of dirt
- Snow sweeping roller
Due to a special bristle arrangement with a larger space between the bristles, the snow is optimally transported away

Practical accessories

- Dirt collection container
The dirt is collected in one operation
- Rubber splash flap
To reduce flying dirt particles
- Side broom right/left
For collecting dirt also in side areas, e.g. curb gutters etc.
- Positioning supports
for longer storage in order not to damage the sweeping roller
- Water sprinkler system
Low pressure/high pressure
- Scraper bar

Measurements	FKM 13060	FKM 15060	FKM 16560	FKM 19060	FKM 22560	FKM 25060
A: Working width straight; without side broom [cm]	130	150	165	190	225	250
B: Working width straight; with side broom [cm]	170	190	205	230	265	290
Working width inclined [cm]	125	145	160	185	220	245
C: Clearance width straight; without side broom [cm]	142	162	177	202	237	262
D: Clearance width straight; with side broom [cm]	160	180	195	220	255	280
Clearance width inclined; without collection box [cm]	159	178	191	215	247	270
E: Length Including collection box; without attachment frame [cm]	169	169	180	180	180	180
F: Length without collection box; without attachment frame [cm]	107	107	107	107	107	107
G: Height without attachment frame [cm]	94	94	97	97	97	97
Brush diameter [cm]	60	60	60	60	60	60
Swivel angle [degrees]	22	22	22	22	22	22
KS: Sweep mirror [cm]	10-12	10-12	10-12	10-12	10-12	10-12
Weights						
Basic unit [kg]	220	230	270	325	340	350
Collection box [kg]	74	78	111	116	124	130
Side broom [kg]	40	40	40	40	40	40
Water sprinkler / full tanks [kg]	126	126	126	243	243	243
Scraper bar [kg]	-	-	98	109	124	130
Capacity						
Collection box [litr]	175	200	290	330	395	435
Water sprinkler [litr]	100	100	100	200	200	200
Power						
Oil volume [litr/min] at 180 bar	30	30	30	50	50	50
Tractor power mech. [hp]	50	50	50	50	50	50



Item number	Description
FKM 13060 M (without attachment frame) Working width 130 cm 	Sweeper 130 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> • Mechanically driven • Heavy stable supporting frame construction • Sweeping roller diameter 60 cm • Drive via duplex chain • 2 heavy duty supports with thrust bearing running wheels 200 x 80 • Height adjustment of the sweeping roller via crank handle • Mechanical left and right swiveling • Combination sweeping roller included • Divided side part for easy changing of the sweeping roller • Prepared for floating collection container • PTO shaft included • Rubber spray flaps included • Painting RAL 2004 ABR 60 required
FKM 15060 M (without attachment frame) Working width 150 cm	Sweeper 150 cm working width Sweeping roller diameter 60 cm For further description see FKM 13060 M
FKM 16560 M (without attachment frame) Working width 165 cm	Sweeper 165 cm working width Sweeping roller diameter 60 cm For further description see FKM 13060 M
FKM 19060 M (without attachment frame) Working width 190 cm	Sweeper 190 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> • 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 M
FKM 22560 M (without attachment frame) Working width 225 cm	Sweeper 225 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> • 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 M
FKM 25060 M (without attachment frame) Working width 250 cm	Sweeper 250 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> • 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 M
Attachment frame for tractor sweepers When ordering, specify exact carrier vehicle type and attachment type.	
ABR 60 KD	Attachment frame for dome triangle
ABR 60 FRONT	Attachment frame for front three-point cat I and II, for ø 60 cm

Item number	Description
Hydraulically driven	
FKM 13060 H (without attachment frame) Working width 130 cm 	Sweeper 130 cm working width sweeping roller diameter 60 cm <ul style="list-style-type: none"> Hydraulically driven Internal orbital motor Heavy stable support frame construction Drive via duplex chain 2 heavy duty supports with thrust bearings Running wheels 200 x 80 Height adjustment of the sweeper roller via crank handle Mechanical left and right swivel Combination sweeping roller included Multifunctional hydraulic block for all necessary functions (overpressure valve, overrun protection of the sweeping roller, switch valve for dirt collection container, flow control valve for infinitely variable speed of the sweeping roller. Load-sensing safety valve) Prepared for floating collection hopper Divided side part for easy changing of the sweeping roller Rubber spray flaps included Painted in RAL 2004 Prepared for KM CONTROL ABR 60 required
FKM 15060 H (without attachment frame) Working width 150 cm	Sweeper 150 cm working width Sweeping roller diameter 60 cm For further description see FKM 13060 H
FKM 16560 H (without attachment frame) Working width 165 cm	Sweeper 165 cm working width Sweeping roller diameter 60 cm For further description see FKM 13060 H
FKM 19060 H (without attachment frame) Working width 190 cm	Sweeper 190 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 H
FKM 22560 H (without attachment frame) Working width 225 cm	Sweeper 225 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 H
FKM 25060 H (without attachment frame) Working width 250 cm	Sweeper 250 cm working width Sweeping roller diameter 60 cm <ul style="list-style-type: none"> 2 heavy-duty supports with thrust bearing Wheels 250 x 85 For further description see FKM 13060 H
Attachment frame for tractor sweepers When ordering, specify exact carrier vehicle type and attachment type.	
ABR 60 KD	Attachment frame for dome triangle
ABR 60 FRONT	Attachment frame for front three-point cat I and II, for ø 60 cm
ABR 60 EURO	Attachment frame with height compensation for Euro mounting
ABR 60 TELE	Attachment frame for telescopic loader
ABR 60 U	Attachment frame for UNIMOG
ABR 60 TELE-DP	Combination attachment frame telescopic loader and front three-point

Description	Suitable for sweeping machine	FKM 13060	FKM 15060
Options/Accessories			
Floating dirt collection box 	Item no.	SSBF 13060	SSBF 15060
Scraper bar with hydraulic operation (not possible in combination with dirt collection box) 	Item no.	-	-
Side broom, 70 cm broom diameter, attached right side <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up protection mounting plate 	Item no.	S1264	S1264
Side broom, 70 cm broom diameter, attached left side <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up protection mounting plate 	Item no.	S1265	S1265
Water sprinkler <ul style="list-style-type: none"> Water tank 100 liters, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 Volt 	Item no.	WAS 100 KM 60	WAS 100 KM 60
Water sprinkler <ul style="list-style-type: none"> Water tank 200 liters, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 Volt 	Item no.	-	-
Hydraulic swiveling device <ul style="list-style-type: none"> For swiveling the machine on both sides 	Item no.	S1056	S1056
Electromagnetic valve <ul style="list-style-type: none"> For installation in sweeper thereby only 1 dw required, Function: swiveling and sweeper drive Height adjustment via spindle 	Item no.	EMV-FKM 60	EMV-FKM 60
KM CONTROL Automatic height adjustment/monitoring of the sweeping roller on the ground <ul style="list-style-type: none"> Can be controlled from the vehicle via control panel 	Item no.	KM-CONTROL	KM-CONTROL
Marker lights red-white	Item no.	BGL-FKM 60	BGL-FKM 60
Set of warning flags with holder	Item no.	WA-FLAG-FKM 60	WA-FLAG-FKM 60

FKM 16560	FKM 19060	FKM 22560	FKM 25060
SSBF 16560	SSBF 19060	SSBF 22560	SSBF 25060
-	-	AKL 22560	AKL 25060
S1264	S1264	S1264	S1264
S1265	S1265	S1265	S1265
WAS 100 KM 60	WAS 100 KM 60	WAS 100 KM 60	WAS 100 KM 60
-	WAS 200 KM 60	WAS 200 KM 60	WAS 200 KM 60
S1056	S1056	S1056	S1056
EMV-FKM 60	EMV-FKM 60	EMV-FKM 60	EMV-FKM 60
KM-CONTROL	KM-CONTROL	KM-CONTROL	KM-CONTROL
BGL-FKM 60	BGL-FKM 60	BGL-FKM 60	BGL-FKM 60
WA-FLAG-FKM 60	WA-FLAG-FKM 60	WA-FLAG-FKM 60	WA-FLAG-FKM 60

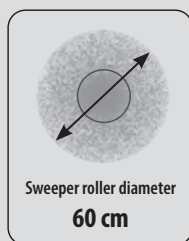
Sweepers for front and rear mounting

For tractors, forklift trucks

KM 60

Working widths

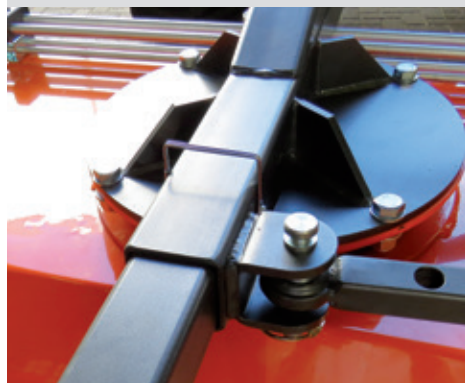
190/225/250/270 cm



Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Other roller types for different applications possible.



Slewing ring with
mechanical
lateral adjustment
(hydraulic optional)



Hydraulic
Side broom with
collision safety
device and
tool-free
angle adjustment



Hydraulic
Container emptying



Internal
Hydraulic motor

Hydraulic
Side broom (option)

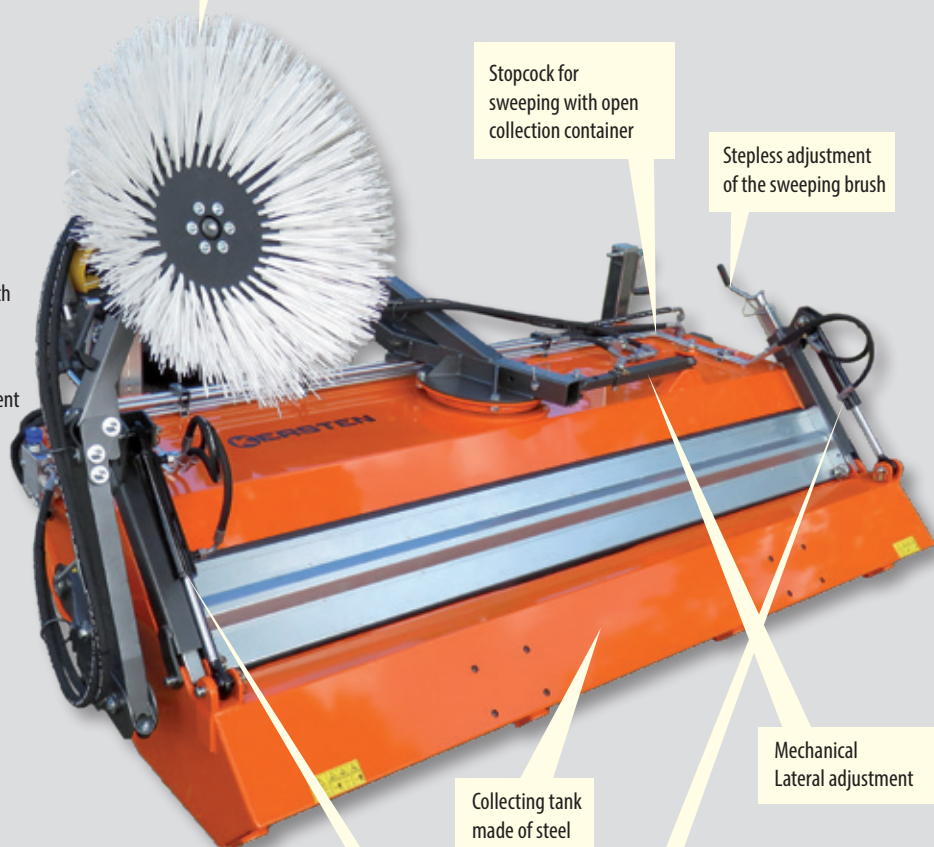
Stopcock for
sweeping with open
collection container

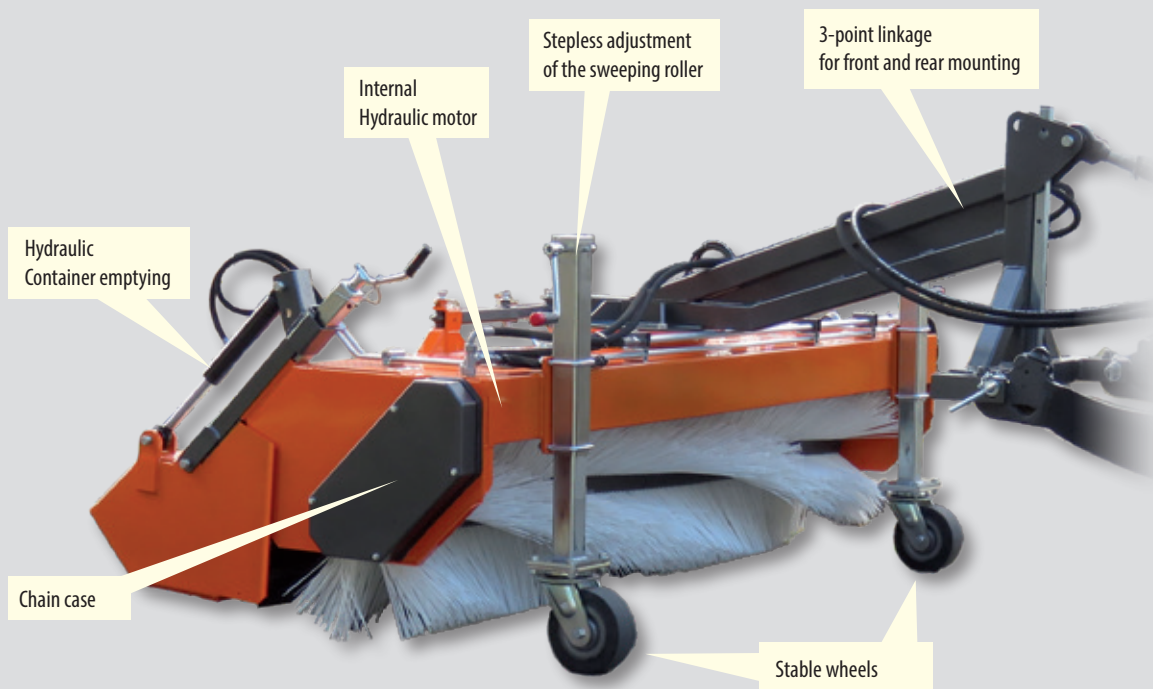
Stepless adjustment
of the sweeping brush

Mechanical
Lateral adjustment

Collecting tank
made of steel
(option)

Hydraulic
Container emptying





FACTS

Use Sweeper roller types

- **Combination sweeper roller**
(standard factory setting)
For over 90% of all applications
- **Poly-corrugated wire sweeping roller**
For high levels of stubborn dirt, e.g. moss etc.
- **Dirt sweeping roller**
Due to higher bristle content suitable for greater soiling
- **Snow sweeping roller**
A special bristle arrangement with a larger the snow is optimally transported away.

Practical accessories

- **Dirt collection container**
The sweepings are collected in one operation
- **Rubber spray flap**
To reduce flying dirt particles
- **Side broom**
For collecting dirt even in side areas, z. e.g. kerb gutters etc.
- **Parking supports**
For longer storage in order not to damage the sweeping roller

Water sprinkler system



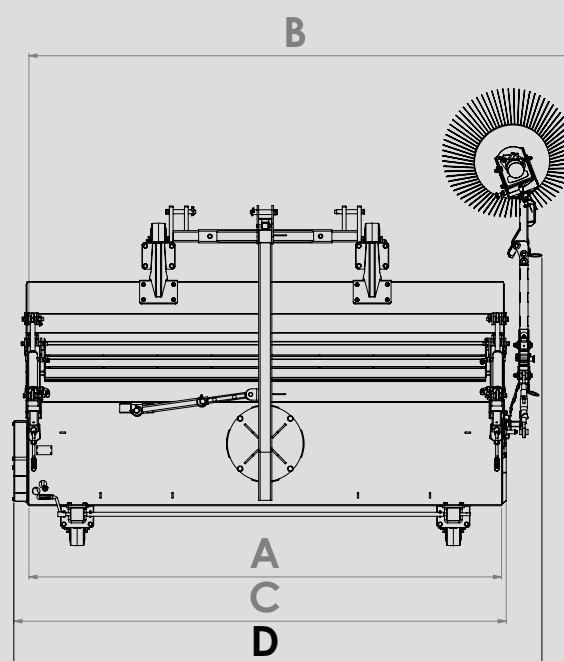
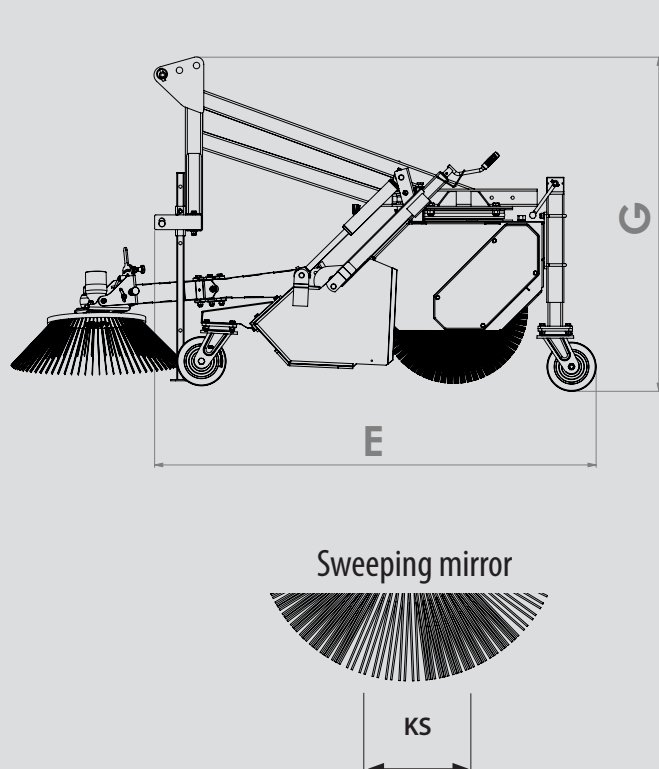
Hydraulics valve for infinitely variable adjustment of the Side brush speed







Collecting tank made of steel (option)



Measurements	KM 19060 H	KM 22560 H	KM 25060 H	KM 27060 H
A: Working width straight; without side broom [cm]	190	225	250	270
B: Working width straight; with side brushes [cm]	230	265	290	310
Working width sloping [cm]	180	210	245	265
C: Straight passage width; without side brushes [cm]	202	237	262	282
D: Straight passage width; with side brushes [cm]	220	255	280	300
Clearance width sloping; without SSB [cm]	210	245	270	290
E: Length; incl. SSB; with attachment frame [cm]	180	180	180	180
G: Height [cm]	136	136	136	136
Brush diameter [cm]	60	60	60	60
Pivot angle [degrees]	22	22	22	22
Sweep angle [cm]	10-12	10-12	10-12	10-12
Weights				
Basic unit [kg]	225	240	260	280
Collecting container [kg]	210	225	245	265
Side brushes [kg]	40	40	40	40
Water sprinkler 200 litres; full tanks [kg]	230	230	230	230
Volume				
Collecting tank [ltr]	200	225	245	265
Water sprinkler capacity [ltr]	200	200	200	200
Capacity				
Oil volume [ltr/min] at 180 bar	50	50	50	50



Item number	Description
KM 19060 H (without attachment frame) 	Professional sweeper 190 cm working width <ul style="list-style-type: none"> Hydraulically driven Internal orbital motor Heavy stable supporting frame construction Sweeping roller diameter 60 cm Drive via duplex chain 2 heavy duty supports with thrust bearing Running wheels 250 x 85 mm Mechanical left and right swiveling via ball slewing ring Ø 400 mm Inclusive combi-sweeping roller Including three-way stopcock for free sweeping with opened collection container ABR 60 ... required
KM 22560 H (without attachment frame) Working width 225 cm 	Professional Sweeper 225 cm working width Diameter 60 cm further Description see KM 19060 H
KM 25060 H (without attachment frame) Working width 250 cm 	Professional Sweeper 250 cm working width Diameter 60 cm further Description see KM 19060 H
KM 27060 H (without attachment frame) Working width 270 cm 	Professional Sweeper 270 cm working width Diameter 60 cm further Description see: KM 19060 H
Attachment frame (see data sheet 158/159)	
ABR 60 HECK	Attachment frame for rear three-point/front three-point cat I and II
ABR 60 GS	Attachment frame for forklift tines <ul style="list-style-type: none"> Including 2 heavy-duty wheels for mounting at the front of the dirt collection container
Hydraulic drive A control valve and a pressureless return to the tank are required on the carrier vehicle. The recommended flow rate is 50 L/min. at 180 bar pressure. Please specify volume flow when ordering!	

Description	Compatible with sweeper	KM 19060
Options/Accessories		
Splash guard <ul style="list-style-type: none"> Sheet metal apron long Rubber spray flap Mounting material included 	Item number	SPL 19060
Dirt collection container <ul style="list-style-type: none"> Plug-in mounted Including hydraulic tank emptying 	Item number	SSB 19060
Attachable side broom 70 cm broom diameter on the right <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up safety device Mounting plate 	Item number	ASH 7060 R
Attachable side broom 70 cm broom diameter left <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up safety device Mounting plate 	Item number	ASH 7060 L
Water sprinkler <ul style="list-style-type: none"> Water tank 200 litres, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 volts 	Item number	S1061
Hydraulic slewing device <ul style="list-style-type: none"> For swivelling the machine on both sides 	Item number	S1056
Red-white marker lights	Item number	BGL-KM 60
Set of warning flags with holder	Item number	WA-FLAG-KM 60
Impeller on attachment frame <ul style="list-style-type: none"> Surcharge for additional running wheel on the attachment frame Height adjustment via spindle 	Item number	MP LR ABR 60 KPL

KM 22560	KM 25060	KM 27060
SPL 22560	SPL 25060	SPL 27060
SSB 22560	SSB 25060	SSB 27060
ASH 7060 R	ASH 7060 R	ASH 7060 R
ASH 7060 L	ASH 7060 L	ASH 7060 L
S1061	S1061	S1061
S1056	S1056	S1056
BGL-KM 60	BGL-KM 60	BGL-KM 60
WA-FLAG-KM 60	WA-FLAG-KM 60	WA-FLAG-KM 60
MP LR ABR 60 KPL	MP LR ABR 60 KPL	MP LR ABR 60 KPL

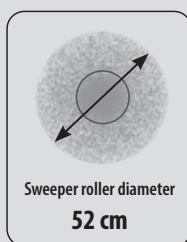
Sweepers for front and rear mounting

For tractors, farm tractors, forklifts, wheel loaders and municipal vehicles

KM 52

Working widths

125/150/190/225 cm



Hydraulic
Container emptying



Water sprinkler system



Slewing ring for
lateral swivelling
(hydraulic adjustment optional)



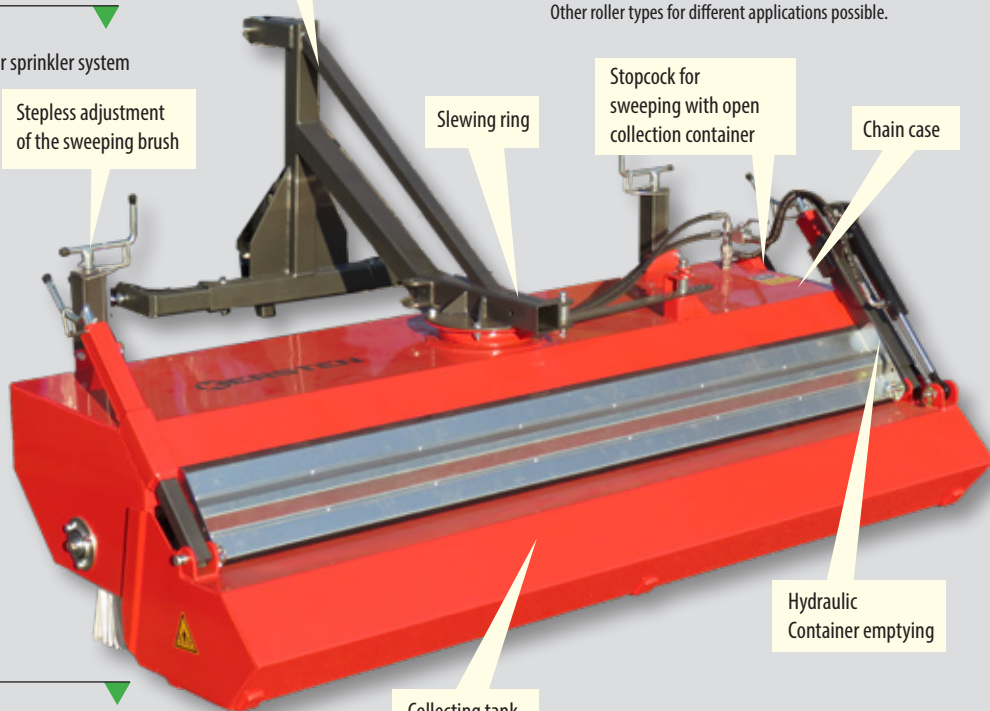
Internal
Hydraulic motor
and chain box



Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Other roller types for different applications possible.





FACTS

Use

Sweeper roller types

- **Combination sweeper roller (standard)**
For over 90% of all applications
- **Poly-corrugated wire sweeping roller (Option)**
For high levels of stubborn dirt, e.g. moss etc.
- **Dirt sweeping roller (Option)**
Due to higher bristle content suitable for greater soiling
- **Snow sweeping roller (Option)**
A special bristle arrangement with a larger the snow is optimally removed.

Practical accessories

- **Dirt collection container**
The sweepings are collected in one operation
- **Rubber spray flap**
To reduce flying dirt particles
- **Side broom**
For collecting dirt even in side areas, z. e.g. kerb gutters etc.
- **Parking supports**
For longer storage so as not to damage the sweeping roller
- **Hydraulic swivelling device**
For swivelling the machine on both sides

Stopcock for
sweeping with open
collection container



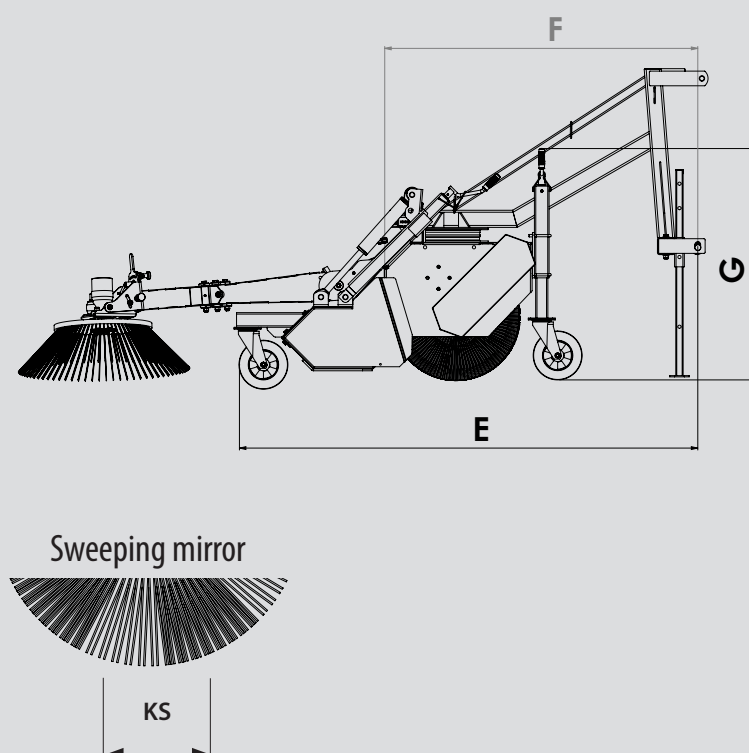
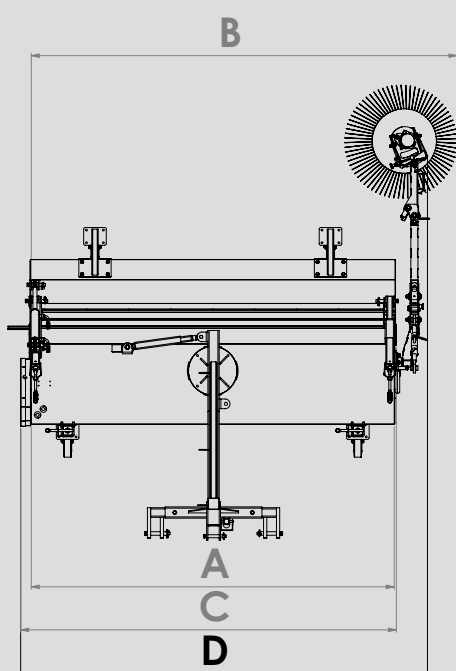
Hydraulically driven
side brush with
collision safety
device
and tool-free
angle adjustment

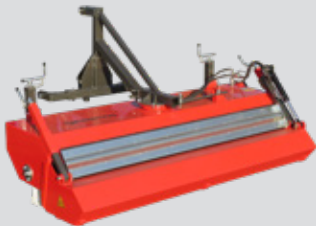
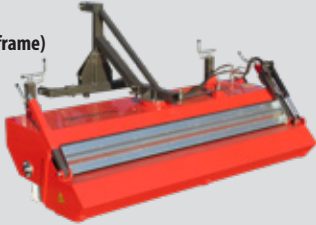
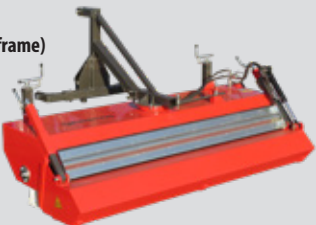
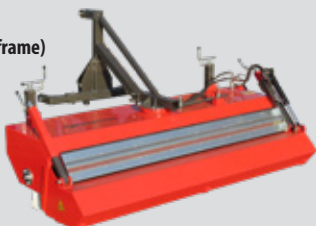


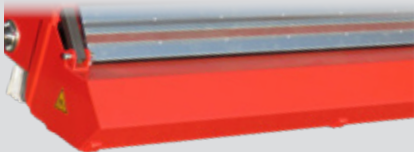

Height adjustment



Measurements	KM 12552 H	KM 15052 H	KM 19052 H	KM 22552 H
A: Working width straight; without side brush [cm]	125	150	190	225
B: Working width straight; with side brushes [cm]	165	190	230	265
Working width diagonal [cm]	118	140	172	204
C: Straight passage width; without side brushes [cm]	133	158	198	233
D: Straight passage width; with side brushes [cm]	152	177	217	252
Passage width sloping; without SSB [cm]	159	178	215	247
E: Length; Including SSB; with attachment frame [cm]	188	188	188	188
F: Length; without SSB; with attachment frame [cm]	128	128	128	128
G: Height; without attachment frame [cm]	95	95	95	95
Brush diameter [cm]	52	52	52	52
Swivel angle [degrees]	25	25	25	25
Sweeping mirror [cm]	8-10	8-10	8-10	8-10
Weights				
Basic unit [kg]	155	166	180	195
Collecting container [kg]	40	55	60	68
Side brushes [kg]	40	40	40	40
Water sprinkler 100 ltr ; full tanks [kg]	118	118	118	118
Water sprinkler 200 ltr ; full tanks [kg]	218	218	218	218
Volume				
Collecting tank [ltr]	85	102	130	150
Water sprinkler capacity [ltr]	100	100	100	100
Capacity				
Oil volume [ltr/min] at 180 bar	35	35	35	35



Item number	Description
KM 12552 H (without attachment frame) 	Sweeper 125 cm working width Sweeping roller diameter 52 cm <ul style="list-style-type: none"> • hydraulically driven • Internal orbital motor • Drive via duplex chain • 2 height-adjustable running wheels 200 x 50 mm via spindles with thrust bearing • Mechanically swivelling left and right via ball slewing ring Ø 300 mm • Including combi-sweeping roller • Including three-way cock for free sweeping with open collection container • Including parking support ABR 52 ... required
KM 15052 H (without attachment frame) 	Sweeper 150 cm working width Sweeping roller diameter 52 cm For further description see art. no.: KM 12552 H
KM 19052 H (without attachment frame) 	Sweeper 190 cm working width Sweeping roller diameter 52 cm For further description see art. no.: KM 12552 H
KM 22552 H (without attachment frame) 	Sweeper 225 cm working width Sweeping roller diameter 52 cm For further description see art. no.: KM 12552 H
Attachment frame	
ABR 52 HT-...	Attachment frame with height compensation for Hoftrac
ABR 52 HECK	Attachment frame for rear pivot point cat I and II
ABR 52 FRONT	Attachment frame for front three-point linkage cat I and II
ABR 52 EURO	Attachment frame with height compensation for Euro receptacle
ABR 52 GS-HA	Attachment frame with height compensation for forklift tines <ul style="list-style-type: none"> • Third wheel (art. no. LR-SSB-KM or MP-LR-ABR 52 KPL) required
ABR 52 KD	Attachment frame for dome triangles
ABR 52 KUB	Attachment frame for Kubota front loader
ABR 52 JD	Attachment frame for John Deere front loader
Sweeper with hydraulic drive: A control valve and a pressureless return flow into the tank are required on the carrier vehicle. The recommended volume flow is 35 L/min. at 180 bar pressure. Please state the volume flow when ordering!	

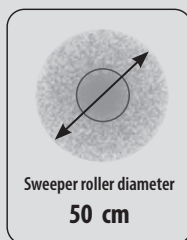
Description		Compatible with sweeper	KM 12552 H
Options/Accessories			
Splash guard <ul style="list-style-type: none"> Sheet metal apron long Rubber spray flap Mounting material included 		Item number	SPL 12552
Dirt collection container <ul style="list-style-type: none"> Plug-in mounted Including hydraulic tank emptying 		Item number	SSB 12552
Wheels for collection containers (from 150 cm working width 2 pieces recommended)		Item number	LR-SSB-KM 52
Attachable side broom 70 cm broom diameter on the right <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up safety device Mounting plate 		Art.-Nr.	ASH 7052 R
Attachable side broom 70 cm broom diameter left <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Start-up safety device Mounting plate 		Item number	ASH 7052 L
Water sprinkler <ul style="list-style-type: none"> Water tank 100 litres, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 volts 		Item number	WAS 100 KM 52
Water sprinkler <ul style="list-style-type: none"> Water tank 200 litres, for mounting on the sweeper Nozzle bar for sweeper installation Electric submersible pump 12 volts Use only when mounted on forklift 		Item number	-
Hydraulic slewing device <ul style="list-style-type: none"> For swivelling the machine on both sides 		Item number	S1010
Impeller on attachment frame (200 x 50 mm) <ul style="list-style-type: none"> Surcharge for additional wheel on attachment frame Height adjustment via spindle 		Item number	MP-LR-ABR 52 KPL
Red-white marker lights		Item number	BGL-KM 52
Set of warning flags with holder		Item number	WA-FLAG-KM 52

KM 15052 H	KM 19052 H	KM 22552 H
SPL 15052	SPL 19052	SPL 22552
Cannot be used with dirt collection container!		
SSB 15052	SSB 19052	SSB 22552
LR-SSB-KM 52	LR-SSB-KM 52	LR-SSB-KM 52
ASH 7052 R	ASH 7052 R	ASH 7052 R
ASH 7052 L	ASH 7052 L	ASH 7052 L
WAS 100 KM 52	WAS 100 KM 52	WAS 100 KM 52
-	WAS 200 KM 52 (for forklift only)	WAS 200 KM 52 (for forklift only)
S1010	S1010	S1010
MP-LR-ABR 52 KPL	MP-LR-ABR 52 KPL	MP-LR-ABR 52 KPL
BGL-KM 52	BGL-KM 52	BGL-KM 52
WA-FLAG-KM 52	WA-FLAG-KM 52	WA-FLAG-KM 52

Sweepers for tractors and municipal vehicles

KM 50

Working widths
130/147/165 cm



Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Other roller types for different applications possible.



Parking supports



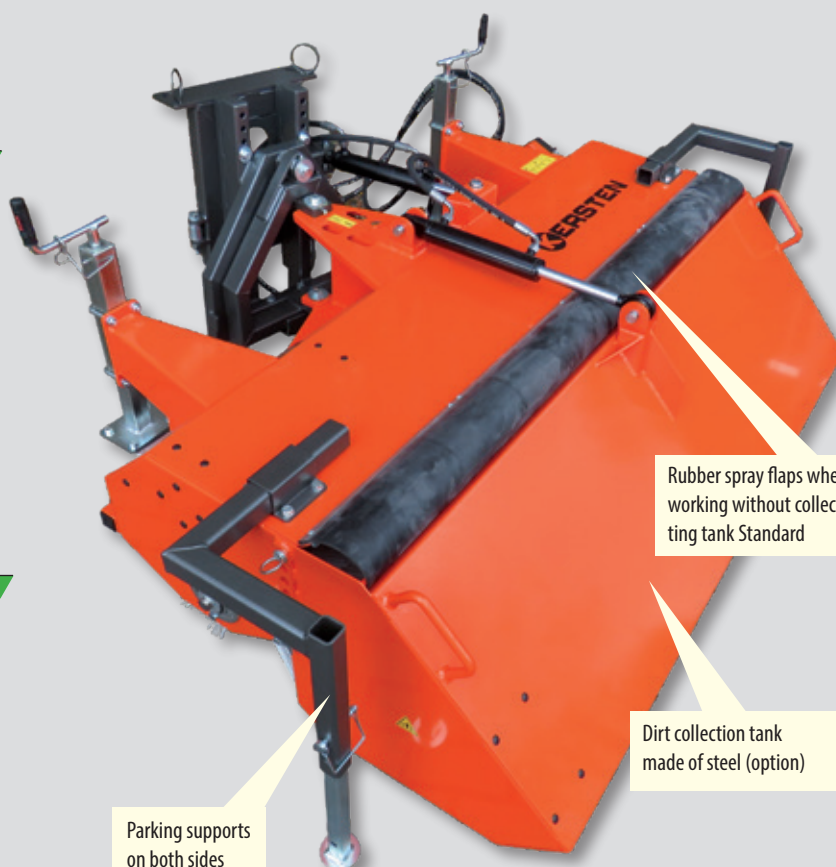
Chain case with
maintenance-free
chain tensioner



Bolted
Attachment frame
with perforated strip



Protected positioned
Hydraulic motor



Rubber spray flaps when
working without collec-
ting tank Standard

Dirt collection tank
made of steel (option)

Parking supports
on both sides

Side broom
(option)



Hydraulic
Lateral adjustment

Hydraulic
Container emptying

Stepless
Height adjustment
of the sweeper

Sturdy wheels

FACTS

Use Sweeper roller types

- Combination sweeper roller
(standard factory setting)
For over 90% of all applications
- Poly-corrugated wire sweeping roller
For high levels of stubborn dirt, e.g. moss etc.
- Dirt sweeping roller
Suitable for larger amounts of dirt due to
- Snow sweeping roller
A special bristle arrangement with a larger
the snow is optimally transported away.

Practical accessories

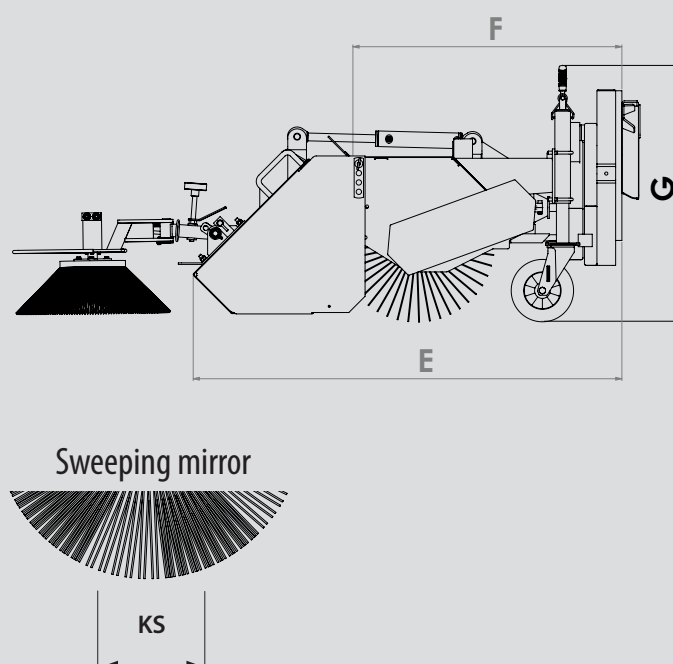
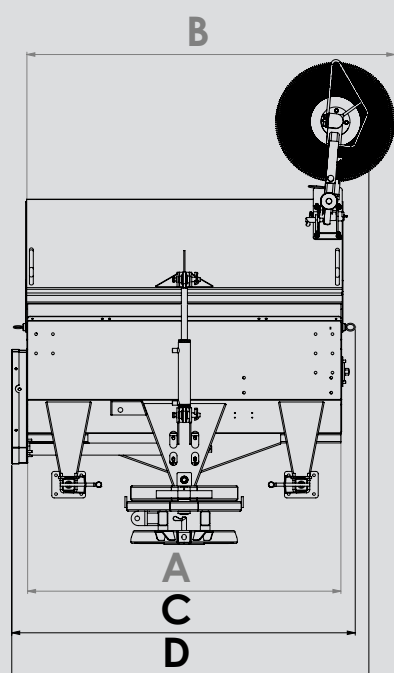
- Dirt collection container
The sweepings are collected in one operation
- Rubber spray flap
To reduce flying dirt particles
- Side broom
For collecting dirt even in side areas, z. e.g. kerb gutters etc.
- Parking supports
For longer storage in order not to damage the sweeping roller

Hydraulic
Container emptying

Stepless
Height adjustment
of the sweeper

Pendulum compensation
for optimal
Ground adaptation

Measurements	KM 13050 M	KM 14750 M	KM 16550 M	KM 13050 H	KM 14750 H	KM 16550 H
A: Working width straight; without side broom [cm]	130	147	165	130	147	165
B: Working width straight; with side broom [cm]	153	170	188	153	170	188
Working width sloping [cm]	118	134	150	118	134	150
C: Straight passage width; without side brushes [cm]	142	159	177	142	159	177
D: Straight passage width; with side brushes [cm]	148	165	183	148	165	183
Clearance width sloping; without SSB [cm]	138	155	173	138	155	173
E: Length; including SSB; without attachment frame [cm]	137	137	137	137	137	137
F: Length; without SSB; without attachment frame [cm]	86	86	86	86	86	86
G: Height; without attachment frame [cm]	82	82	82	82	82	82
Brush diameter [cm]	50	50	50	50	50	50
Swivel angle [degrees]	24	24	24	24	24	24
Sweeping mirror [cm]	8-10	8-10	8-10	8-10	8-10	8-10
Weights						
Basic unit [kg]	162	175	185	162	175	185
Collecting container [kg]	67	73	80	67	73	80
Side brushes [kg]	40	40	40	40	40	40
Water sprinkler 100 litres ; full tanks [kg]	126	126	126	126	126	126
Volume						
Collection tank [ltr]	95	102	115	95	102	115
Water sprinkler [ltr]	100	100	100	100	100	100
Capacity						
Oil volume [ltr/min] at 180 bar	35	35	35	35	35	35
Tractor power [hp]	25	25	25	25	25	25



Item number	Description
KM 13050 M-ABR 50 (without attachment frame) 	Sweeper mechanically driven Working width 130 cm <ul style="list-style-type: none"> • Quick change axle • Combination sweeper roller included • Hydraulically swivelling left and right (1 x dw required) • Pendulum suspended • 2 height-adjustable wheels via spindles with thrust bearing • wheels 200 x 50 mm • Rubber spray flaps included • Including cardan shaft • Including parking support ABR 50 required
KM 14750 M-ABR 50 (without attachment frame)	Sweeper mechanically driven Working width 147 cm For further description see KM 13050 M-ABR 50
KM 16550 M-ABR 50 (without attachment frame)	Sweeper mechanically driven Working width 165 cm For further description see KM 13050 M-ABR 50
KM 13050 H-ABR 50 (without attachment frame) 	Sweeper hydraulically driven Working width 165 cm <ul style="list-style-type: none"> • Hydraulically driven • internal orbital motor • Quick change axle • Combination sweeper roller included • Hydraulic left and right swivel (1 x dw required) • Pendulum suspended • 2 height-adjustable wheels via spindles with thrust bearing 200 x 50 mm • Rubber spray flaps • Supports included ABR 50 required
KM 14750 H-ABR 50 (without attachment frame)	Sweeper hydraulically driven Working width 147 cm For further description see KM 13050 H-ABR 50
KM 16550 H-ABR 50 (without attachment frame)	Sweeper hydraulically driven Working width 165 cm For further description see KM 13050 H-ABR 50
Attachment frame for compact tractor sweepers When ordering, specify exact carrier vehicle type and attachment type.	
ABR 50 KD-...	Attachment frame for dome-triangle mounting
ABR 50 DP-...	Attachment frame three-point linkage Cat I and II
ABR 50 FM-...	Attachment frame area mower (2-point) (not available for all models)

Description		Compatible with sweeper	KM 13050
Options/Accessories			
Dirt collection tank <ul style="list-style-type: none"> Including hydraulic container emptying Container made of sheet steel Plug-in mounted 		Item number	SSB 13050 B
Attachment side broom 50 cm <ul style="list-style-type: none"> Hydraulically driven With mounting plate Separate oil supply for the side broom on the sweeper Infinitely adjustable via control valve Separately switchable Hard disc broom Suitable for all KM ... M (mechanical drive) 		Item number	ASH 50 KM 4050 M
Attachment side broom 50 cm <ul style="list-style-type: none"> Suitable for all KM ... H (hydraulic drive) For further description see ASH 50KM 4050 M		Item number	ASH 50 KM 4050 H
Water sprinkler 100 litres <ul style="list-style-type: none"> Electric submersible pump 12 V Spray nozzles for even distribution Suitable for three-point attachment KAT 1 12 V plug-in coupling required on carrier vehicle		Item number	WAS 100 KAT 1
Water sprinkler 100 litres <ul style="list-style-type: none"> Electric submersible pump 12 V Spray nozzles for even distribution Water barrel mounted on the KM 12 V plug-in coupling required on carrier vehicle		Item number	WAS 100 AUF-KM 50
Water sprinkler 200 litres <ul style="list-style-type: none"> Electric submersible pump 12 V Spray nozzles for even distribution Water barrel in rear three-point linkage 12 V plug-in coupling required on carrier vehicle		Item number	WAS 200 KAT I
Running wheels 180 x 80 mm <ul style="list-style-type: none"> Including heavy turntable, instead of the standard wheels 		Item number	MP-RD 180 X 80
Electromagnetic valve <ul style="list-style-type: none"> For installation in the sweeper, thus only 1 dw required Function: swivel and sweeper drive 		Item number	EMV-KM 50
Supports for sweeping roller diameter 40 or 50 cm <ul style="list-style-type: none"> With castors For easier mounting and dismounting of the sweeper For storage of the sweeper 		Item number	AST 4050 LR
Sprocket <ul style="list-style-type: none"> For increasing the speed when sweeping snow 		Item number	S1138
Red-white marker lights		Item number	BGL-KM 50
Set of warning flags with holder		Item number	WA-FLAG-KM 50

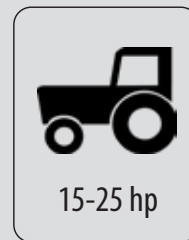
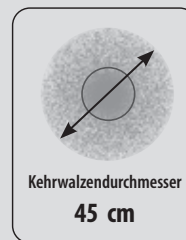
KM 14750	KM 16550
SSB 14750 B	SSB 16550 B
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ASH 50 KM 4050 H	ASH 50 KM 4050 H
WAS 100 KAT 1	WAS 100 KAT 1
WAS 100 AUF-KM 50	WAS 100 AUF-KM 50
WAS 200 KAT I	WAS 200 KAT I
MP-RD 180 X 80	MP-RD 180 X 80
EMV-KM 50	EMV-KM 50
AST 4050 LR	AST 4050 LR
S1138	S1138
BGL-KM 50	BGL-KM 50
WA-FLAG-KM 50	WA-FLAG-KM 50

Sweepers for compact tractors and municipal vehicles

KM 45 Hydraulic or mechanical drive

Working widths

115/130/150/165 cm



Mounting with perforated strip for various carrier vehicles/tyres



Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Other roller types for different applications possible.



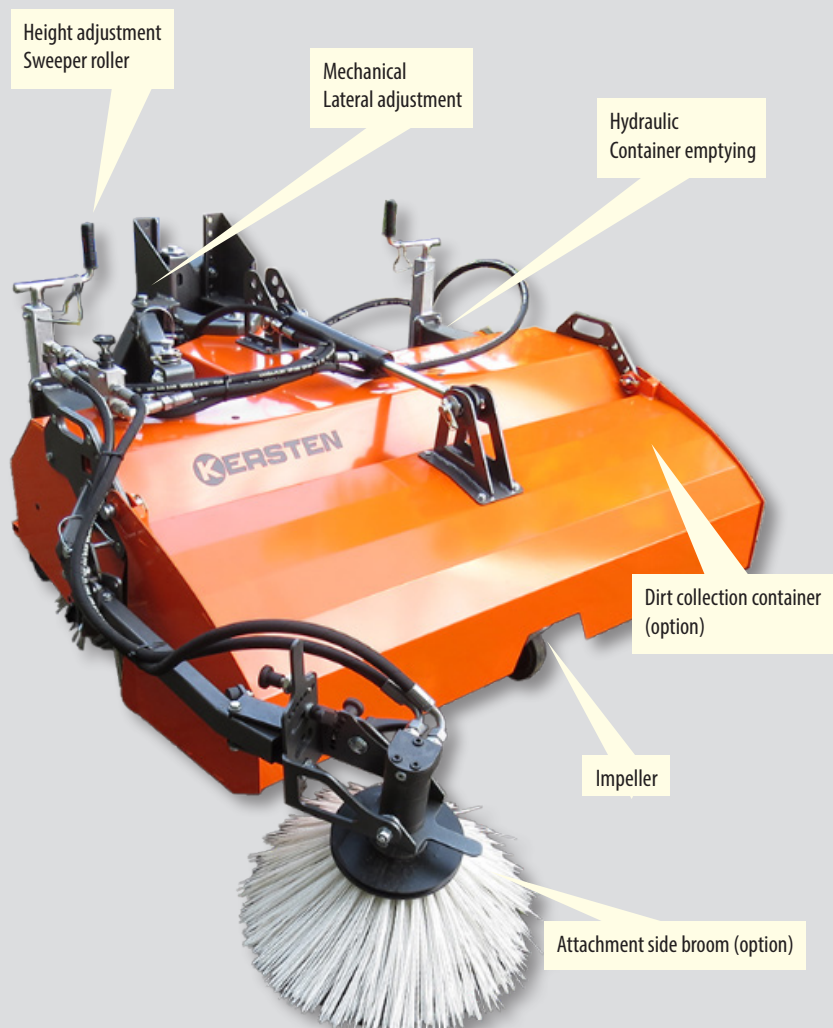
Automatic Chain tensioner

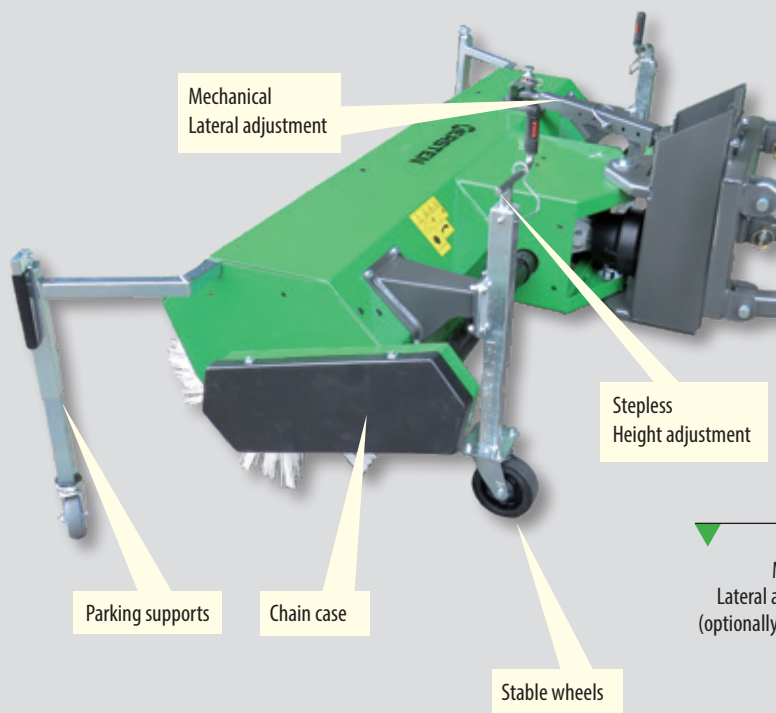


Rubber splash flaps



Parking supports on both sides





Bolted mounting for coupling triangle, 3-point, Quick Hitch, various Area mower mounts

Mechanical Lateral adjustment (optionally hydraulic)



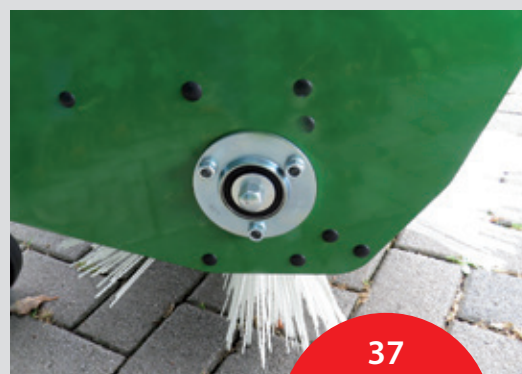
Height adjustment for the sweeper



Protected built-in gear for mechanical sweeper



Flat bearing shells for working close to the edge



FACTS

Use

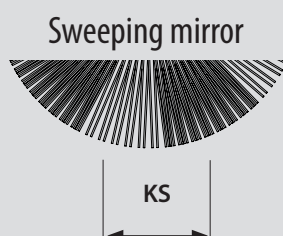
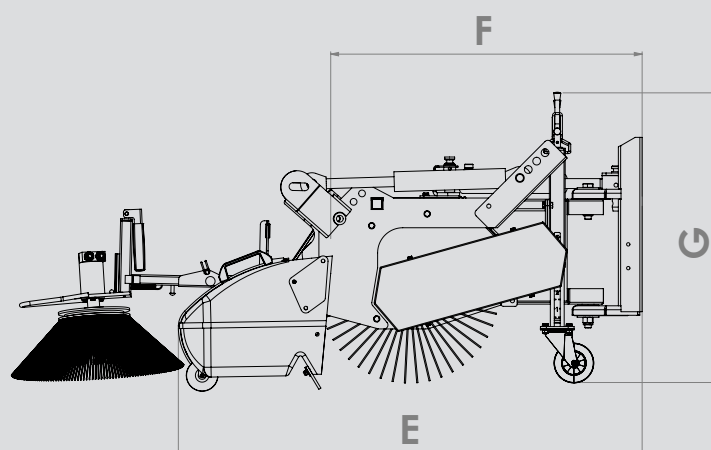
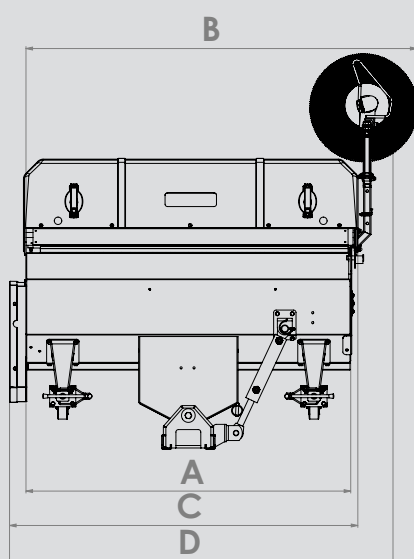
Sweeper roller types

- **Combination sweeper roller**
(standard factory setting)
For over 90% of all applications
- **Poly-corrugated wire sweeper**
For high levels of stubborn dirt, e.g. moss etc.
- **Dirt sweeper roller**
Due to higher bristle content suitable for greater soiling
- **Snow sweeping roller**
A special bristle arrangement with a larger the snow is optimally transported away

Practical accessories

- **Dirt collection container**
The sweepings are collected in one operation
- **Rubber spray flap**
To reduce flying dirt particles
- **Side broom**
For collecting dirt even in side areas, z. e.g. kerb gutters etc.
- **Parking supports**
For longer storage in order not to damage the sweeping roller

Measurements	KM 11545	KM 13045	KM 15045	KM 16545
A: Working width straight; without side brush [cm]	115	130	150	165
B: Working width straight; with side brushes [cm]	142	157	177	192
Working width diagonal [cm]	105	120	137	150
C: Straight working width; without side brushes [cm]	125	140	160	175
D: Straight passage width; with side brushes [cm]	169	154	174	189
Passage width sloping; without SSB [cm]	123	136	154	168
E: Length; including SSB; without Attachment frame [cm]	117	117	117	117
F: Length; without SSB; without Attachment frame [cm]	79	79	79	79
G: Height; without attachment frame [cm]	73	73	73	73
Brush diameter [cm]	45	45	45	45
Swivel angle [degrees]	26	26	26	26
Sweeping mirror [cm]	6-8	6-8	6-8	6-8
Weights				
Basic unit [kg]	127	133	140	146
Collecting container [kg]	20	22	24	26
Side brushes [kg]	11	11	11	11
Water sprinkler system ; full tanks [kg]	120	120	120	120
Volume				
Collection tank [ltr]	110	120	130	140
Water sprinkler system [ltr]	100	100	100	100
Capacity				
Oil volume [ltr/min] bei 180 bar	20	20	20	20
Mechanical tractor power [hp]	15-25	15-25	15-25	15-25



Item number	Description
S1005 (without Attachment frame) 	Sweeper mechanically driven Working width 115 cm Typ KM 11545 <ul style="list-style-type: none"> • Combination sweeping roller included • Mechanically swivelling left and right • 2 height-adjustable running wheels 135 x 40 mm • Including cardan shaft • Including parking supports Attachment frame ABR 45 required
S1006 (without Attachment frame)	Sweeper mechanically driven Working width 130 cm Typ KM 13045 For further description see S1005
S1007 (without Attachment frame)	Sweeper mechanically driven Working width 150 cm Typ KM 15045 For further description see S1005
S1008 (without Attachment frame)	Sweeper mechanically driven Working width 165 cm Typ KM 16545 For further description see S1005
S1072 (without Attachment frame)  <p>Steel collection tank optional</p>	Sweeper hydraulically driven Working width 115 cm Typ KM 11545 Internal orbital motor <ul style="list-style-type: none"> • Combination sweeper roller included • Mechanically swivelling left and right • 2 height-adjustable running wheels 135 x 40 mm • Including parking supports Attachment frame ABR 45 required
S1073 (without Attachment frame)	Sweeper hydraulically driven Working width 130 cm Typ KM 13045 For further description see S1072
S1074 (without Attachment frame)	Sweeper hydraulically driven Working width 150 cm Typ KM 15045 For further description see S1072
S1075 (without Attachment frame)	Sweeper hydraulically driven Working width 165 cm Typ KM 16545 For further description see S1072
Hydraulically driven sweeping rollers A control valve and a pressureless return flow into the tank are required on the carrier vehicle. The recommended flow rate is 20 L/min. at 180 bar pressure. Please state the volume flow when ordering!	

Description	Compatible with sweeper	KM 11545
Attachment frame and front linkage		
Attachment frame Quick Hitch	Item number	ABR 45 US-...
Attachment frame for sweepers Coupling triangle KERSTEN MP-HYDR-DP-HECK required	Item number	ABR 45 KD-KERSTEN
Attachment frame for dome-triangle mounting	Item number	ABR 45 KD-...
Attachment frame three-point linkage Cat I	Item number	ABR 45 DP-...
Attachment frame area mower (2-point)	Item number	-

KM 13045	KM 15045	KM 16545
ABR 45 US-...	ABR 45 US-...	ABR 45 US-...
ABR 45 KD-KERSTEN	-	-
ABR 45 KD-...	ABR 45 KD-...	ABR 45 KD-...
ABR 45 DP-...	ABR 45 DP-...	ABR 45 DP-...
ABR 45 FM-...	ABR 45 FM-...	ABR 45 FM-...

Description	Compatible with sweeper	KM 11545
Options/Accessories		
Rubber spray flaps long <ul style="list-style-type: none"> • Plug-in mounted as splash guard • Recommended for use without container 	Item number	S1179
Dirt collection tank <ul style="list-style-type: none"> • Including hydraulic tank emptying • Container made of sheet steel • 1 front impeller 	 Item number	S1025
Attachable side broom 40 cm diameter <ul style="list-style-type: none"> • Mechanically driven • Broom folds to the side • Height and angle adjustable • For sweeping corners and edges 	 Item number	S1270
Attachable side broom 40 cm diameter <ul style="list-style-type: none"> • Hydraulically driven • Steplessly adjustable via control valve • Broom folds to the side • Height and angle adjustable • For sweeping corners and edges 	 Item number	S1136 When mounting an ASH 4045 KM on sweepers with c
	 Item number	S1287
Water sprinkler 100 litres <ul style="list-style-type: none"> • Electric submersible pump 12 V • Spray nozzles for even distribution • Water barrel mounted on the sweeper 12 V plug-in coupling required on carrier vehicle	Item number	S1010
Hydraulic slewing device <ul style="list-style-type: none"> • For swivelling the machine on both sides 	Item number	S1266
Solenoid valve <ul style="list-style-type: none"> • For installation in the sweeper, thus only 1 dw required • Function: swivel and sweeper drive 	Item number	S1188
Flow control valve <ul style="list-style-type: none"> • Control of the sweeping roller speed (only for sweepers with hydraulic drive) 	Item number	S1138
Sprocket <ul style="list-style-type: none"> • For increasing the speed when sweeping snow 	Item number	S1268
Marker lights red-white	Item number	S1269

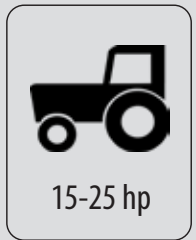
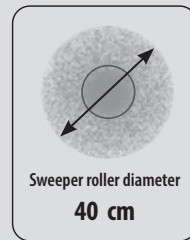
KM 13045	KM 15045	KM 16545
S1171	S1177	S1178
S1012	S1023	S1024
S1270	S1270	S1270
S1136	S1136	S1136
<p>ardan shaft drive, a control unit is dw or ew with return flow required. When mounted on sweepers with hydraulic drive, the drive is via the sweeper hydraulics.</p>		
S1287	S1287	S1287
S1010	S1010	S1010
S1266	S1266	S1266
S1188	S1188	S1188
S1138	S1138	S1138
S1268	S1268	S1268
S1269	S1269	S1269

Rear-mounted sweepers for compact tractors and municipal vehicles

HKM 40

Working widths

125 / 150 cm



Stepless
height adjustment
of the sweeper



Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Other roller types for different applications possible.



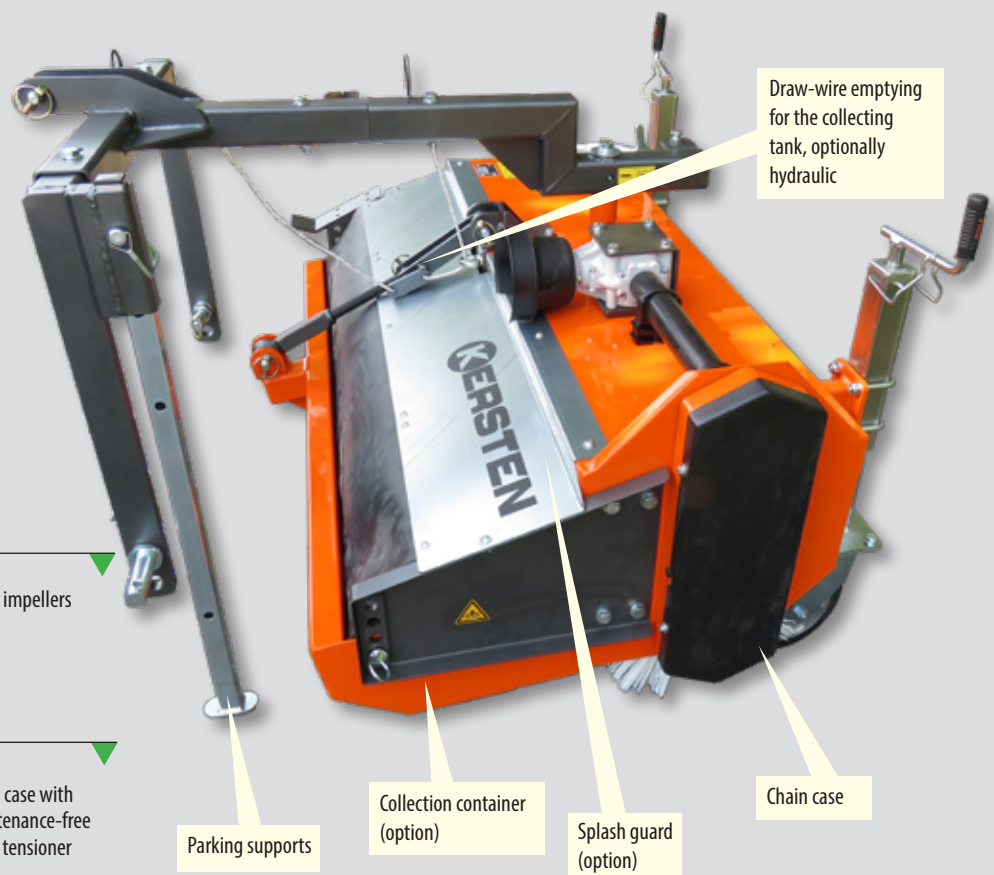
Mechanical stepless lateral adjustment
(hydraulic optional)

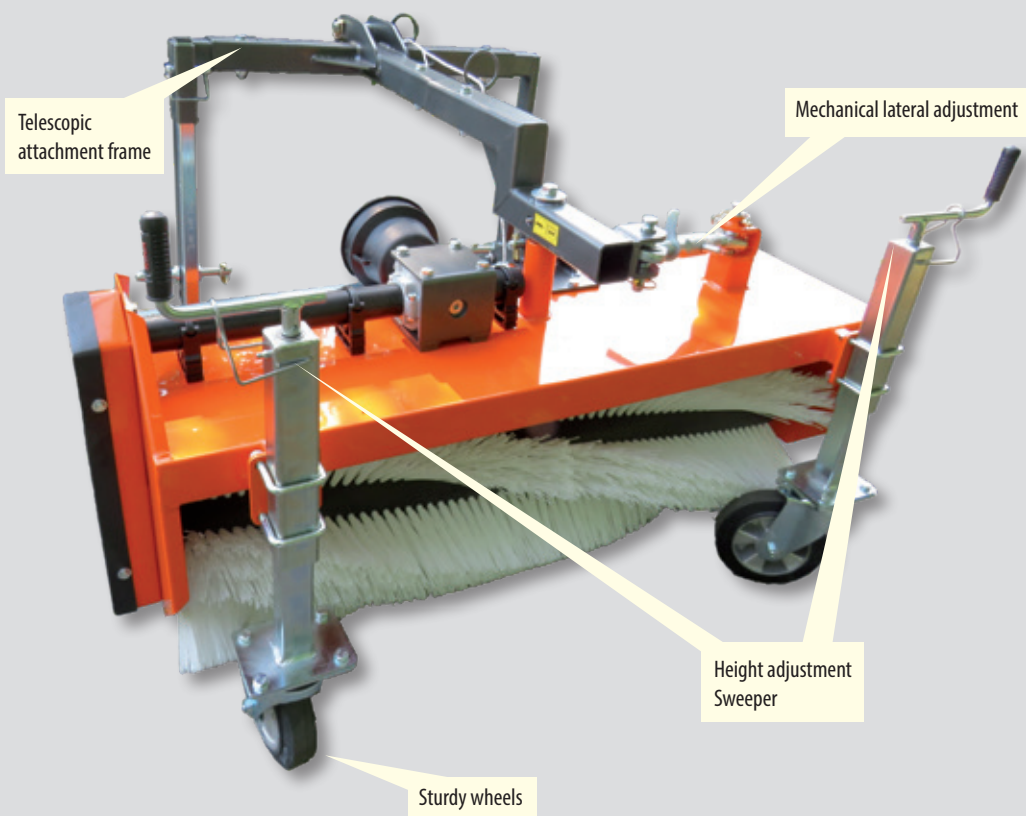


Stable impellers



Chain case with
maintenance-free
chain tensioner





FACTS

Use Sweeper roller types

- **Combination sweeper roller**
(standard factory setting)
For over 90% of all applications
- **Poly-corrugated wire sweeping roller**
For high levels of stubborn dirt, e.g. moss etc.
- **Dirt sweeping roller**
Due to higher bristle content suitable for greater soiling
- **Snow sweeping roller**
A special bristle arrangement with a larger the snow is optimally transported away.

Practical accessories

- **Dirt collection container**
The sweepings are collected in one operation
- **Rubber spray flap**
To reduce flying dirt particles
- **Side broom**
For collecting dirt even in side areas, z. e.g. kerb gutters etc.

Height adjustment
of the collecting tank



On both sides
telescopic
Attachment frame

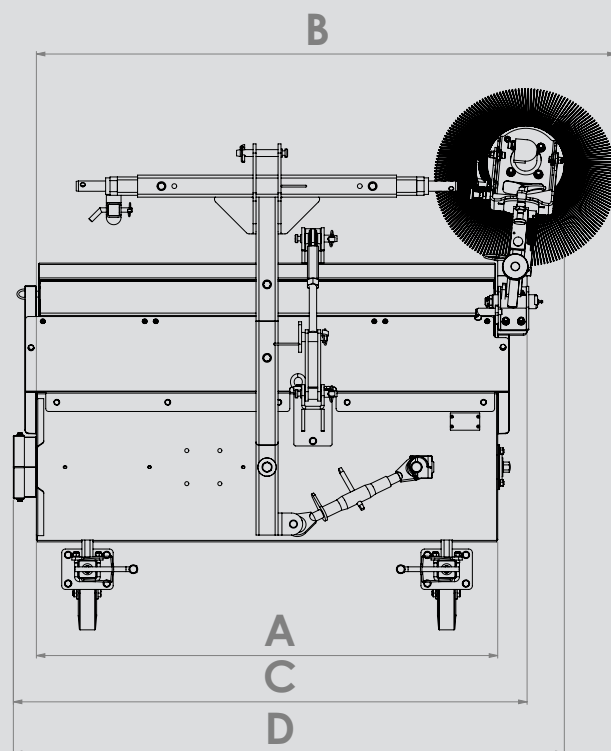
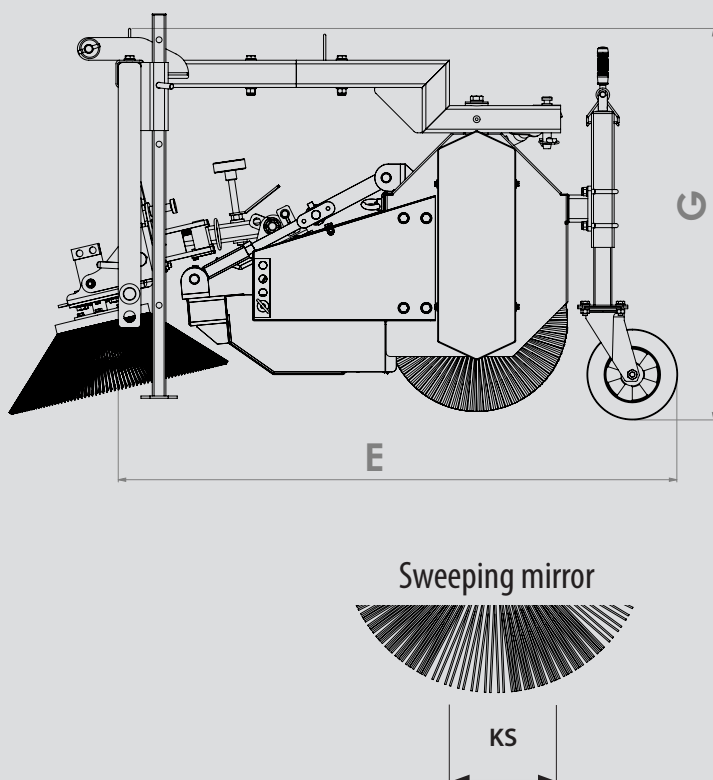




Mechanical
Emptying the
collection tank
(hydraulic optional)



Measurements	HKM 12540 M/H	HKM 15040 M/H
A: Working width straight; without side broom [cm]	125	150
B: Working width straight; with side brushes [cm]	158	183
Working width sloping [cm]	120	143
C: Straight passage width; without side brushes [cm]	140	165
D: Straight passage width; with side brushes [cm]	153	178
Passage width, sloping; without SSB [cm]	135	160
E: Length; with attachment frame [cm]	123	148
G: Height; without attachment frame [cm]	86	86
Brush diameter [cm]	40	40
Pivot angle [degrees]	20	20
Sweep angle [cm]	6-8	6-8
Weights		
Basic unit [kg]	122	140
Collecting tank [kg]	38	42
Water sprinkler system, full tanks [100 ltr]	118	118
Side brushes [kg]	8	8
Volume		
collecting tank [ltr]	66	80
Capacity		
Oil volume [ltr/min]	20	20
Tractor power mech. [hp]	12	12

For rear-mounted Cat I/Cat II



Item number	Description
HKM 12540 H (with attachment frame) 	Rear sweeper hydraulically driven working width 125 cm <ul style="list-style-type: none"> • internal orbital motor • Drive via duplex chain • 2 height adjustable spindles with thrust bearing wheels 200 x 50 mm • Mechanically swivelling left and right • Combination brush included • Painted in RAL 2004 • Attachment frame suitable for rear attachment cat. I
HKM 15040 H (with attachment frame)	Rear sweeper hydraulically driven Working width 150 cm For further description see HKM 12540 H
HKM 12540 M (with attachment frame) 	Rear sweeper mechanically driven Working width 125 cm <ul style="list-style-type: none"> • Mechanically driven via cardan shaft • Sweeping roller diameter 40 cm • 2 height-adjustable wheels via spindles with thrust bearing wheels 200 x 50 mm • Including cardan shaft • Mechanically swivelling left and right • Combination sweeper roller included • Painted in RAL 2004 • Attachment frame suitable for rear attachment cat. I
HKM 15040 M (with attachment frame)	Rear sweeper mechanically driven Working width 150 cm For further description see HKM 12540 M

With hydraulic drive: A control valve and a pressureless return flow into the tank are required on the carrier vehicle. The recommended volume flow is 20 L/min. at 180 bar pressure. Please state the volume flow when ordering!

Description		Compatible with sweeper	HKM 12540 H
Flow control valve (only for sweepers with hydraulic drive) <ul style="list-style-type: none"> for infinitely variable speed regulation 		Item number	MP-MR-ST
Hydraulic tank emptying		Item number	HB-SSB-HFKM
Hydraulic slewing device <ul style="list-style-type: none"> for swivelling the machine on both sides 		Item number	S1010
Splash guard cover <ul style="list-style-type: none"> Made of galvanised sheet metal Rubber flap included 		Item number	SPA 125
		Item number	SPA 125
Dirt collection container <ul style="list-style-type: none"> Made of sheet metal Mechanical emptying Splash guard cover SPA 125 / SPA 150 required		Item number	SSB 12540
		Item number	SSB 12540
Attachable side broom 50 cm broom diameter <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Collision safety device Attachment plate For sweepers with hydraulic drive 		Item number	ASH 5040 H
		Item number	ASH 5040 H
Attachable side broom 50 cm broom diameter <ul style="list-style-type: none"> Hydraulically driven, infinitely variable Collision safety device Attachment plate for sweepers with mechanical drive Drive via tractor hydraulics 1 x ew control unit with pressureless return required		Item number	-
		Item number	-

HKM 15040 H	HKM 12540 M	HKM 15040 M
MP-MR-ST	MP-MR-ST	MP-MR-ST
HB-SSB-HFKM	HB-SSB-HFKM	HB-SSB-HFKM
S1010	S1010	S1010
SPA 150	SPA 125	SPA 150
SSB 15040	SSB 12540	SSB 15040
ASH 5040 H	-	-
-	ASH 5040 M	ASH 5040 M

Sweepers for small tractors

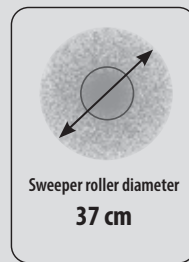
FKM 37

Hydraulically or mechanically driven

Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)

Working width
125 cm



Other roller types possible for different applications



Stepless height adjustment of the sweeping roller

High quality powder coating



Different types of rollers for different applications

Maintenance-free bearing of the sweeping roller

Option: Practical parking supports for longer storage, so as not to damage the



Sweepers

Measurements

FKM 12537 H-ABR 37

FKM 12537 M-ABR 37

A: Working width straight without side brush [cm]

125

125

B: Working width straight with side brushes [cm]

147

147

Working width diagonal [cm]

110

110

C: Straight passage width without side brushes [cm]

133

133

D: Straight passage width with side brushes [cm]

145

145

E: Length including SSB without attachment frame [cm]

71

71

F: Length without SSB without attachment frame [cm]

40

40

G: Height without attachment frame [cm]

44

44

Brush diameter [cm]

37

37

Swivel angle [degrees]

30

30

Sweeping mirror [cm]

5-7

5-7

Weights

Basic unit [kg]

55

55

Collecting container [kg]

17

17

Side brushes [kg]

10

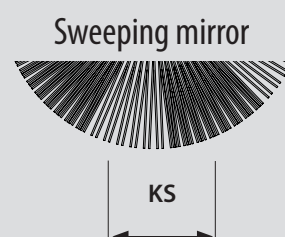
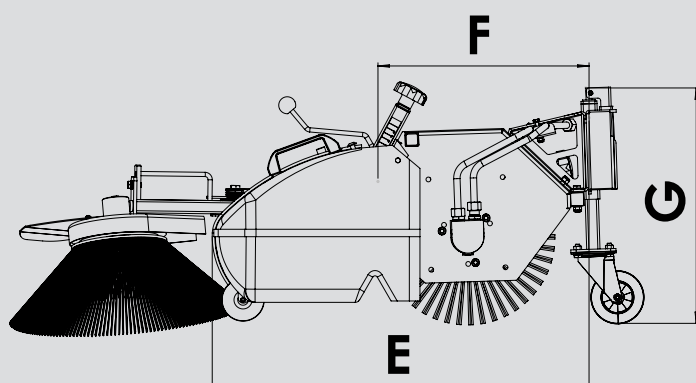
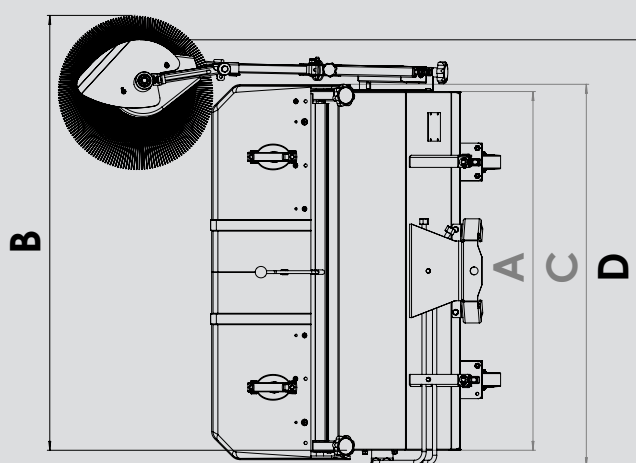
10

Volume

Collecting tank [litr]

77

77



Item number	Description
FKM 12537 H-ABR 37 Working width 125 cm 	Sweeper 125 cm working width <ul style="list-style-type: none"> Sweeping roller diameter 37 cm Hydraulically driven Combination sweeper roller included Mechanically swivelling left and right 2 height-adjustable running wheels 135 x 40 mm Including parking support Standard colour: RAL 2004 ABR 37 required
FKM 12537 M-ABR 37 Working width 125 cm 	Sweeper 125 cm working width <ul style="list-style-type: none"> Sweeping roller diameter 37 cm Mechanically driven Combination sweeper roller included Mechanically swivelling left and right 2 height-adjustable running wheels 135 x 40 mm Including parking support Standard colour: RAL 2004 ABR 37 required
Attachment frame	
ABR 37 US-...	Quick Hitch Attachment frame*
ABR 37 KUB-B1	Attachment frame Kersten coupling triangle for Kubota B 1220 (only for hydraulically driven sweepers)
ABR 37 KUB-G 2326	Attachment frame Kersten coupling triangle for Kubota G23/ G26 (only for hydraulically driven sweepers)
ABR 37 KD-...	Attachment frame for dome-triangle mounting

* only for mechanical sweepers

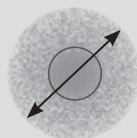
Description	Compatible with sweeper	KM12537
<p>Rubber splash flaps</p> <ul style="list-style-type: none"> • Attachments included • Plug-in mounted 	Item number	GUSPL 125
<p>Dirt collection container</p> <ul style="list-style-type: none"> • Made of PE plastic • 2 PUR swivel castors for exact adaptation to the ground • Height-adjustable holders • 2 handles • Rubber sealing lip on top • Single lever lock 	Item number	SSB 125 K
<p>Side broom attachment - 40 cm working width</p> <ul style="list-style-type: none"> • Mechanically driven via broom shaft • Height and angle adjustable • Start-up safety device • Broom folds to the side • For sweepers with 32 or 37 cm Roller diameter 	Item number	ASM 403237
<p>Side broom attachment - 40 cm working width</p> <ul style="list-style-type: none"> • Hydraulically driven <p>For further description see art. no.: ASM 403237</p> 	Item number	ASH 403237
<p>Supports for FKM</p> <p>Sweeping roller diameter 37 cm</p> <ul style="list-style-type: none"> • With castors • For easy mounting and dismounting • For storage 	Item number	AST 37 LR

Sweepers for ride-on mowers

KM 37

Working widths

100/115/125 cm



Sweeper roller diameter
37 cm

Sweeping roller versions

Combination sweeper roller (1), poly-corrugated wire sweeper roller (2), Dirt sweeper roller (3), Snow sweeper roller (4)



Other roller types possible for different applications



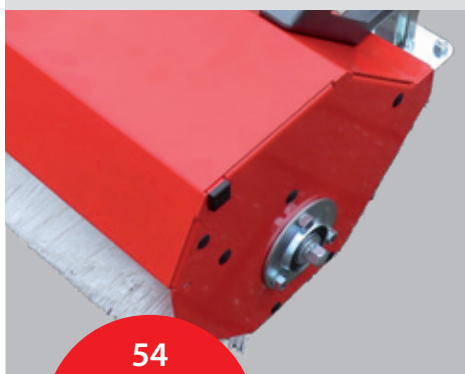
Wheels 135 x 40 mm



Internal Hydraulic motor



Stepless height adjustment
of the sweeper roller



Maintenance-free bearing
of the sweeping roller

Stepless height adjustment
of the sweeper roller

High quality powder coating

Different types of rollers for
different applications

Internal hydraulic motor

Option: Practical parking supports for
longer storage, so as not to
damage the





FACTS

Application Sweeper roller types

- **Combination sweeper roller**
(standard factory setting)
For over 90% of all applications
- **Poly-corrugated wire sweeping roller**
For high levels of stubborn dirt, e.g. moss etc.
- **Dirt sweeping roller**
Due to higher bristle content suitable for greater soiling
- **Snow sweeping roller**
A special bristle arrangement with a larger the snow is optimally transported away.

Practical accessories

- **Dirt collection container**
The sweepings are collected in one operation
- **Rubber spray flap**
To reduce flying dirt particles
- **Side broom**
For collecting dirt even in side areas, z. e.g. kerb gutters etc.
- **Parking supports**
For longer storage in order not to damage the sweeping roller

Side broom
(optional)







Optional
Splash guard for
Winter maintenance
work



Collection container
(option)



Sweepers			
Measurements	KM 10037 H-FKDR	KM 11537 H-FKDR	KM 12537 H-FKDR
A: Working width, straight, without side brush [cm]	100	115	125
B: Working width straight with side brushes [cm]	122	137	147
Working width diagonal [cm]	89	102	110
C: Straight sweeping width without side brushes [cm]	108	123	133
D: Straight passage width with side brushes [cm]	120	135	145
E: Length including SSB without attachment frame [cm]	71	71	71
F: Length without SSB without attachment frame [cm]	40	40	40
G: Height without attachment frame [cm]	44	44	44
Brush diameter [cm]	37	37	37
Swivel angle [degrees]	30	30	30
Sweeping mirror [cm]	5-7	5-7	5-7
Weights			
Basic unit [kg]	51	53	55
Collecting container [kg]	15	16	17
Side brushes [kg]	10	10	10
Volume			
Collection container [ltr]	60	70	77

Item number	Description
KM 10037 H-FKDR Working width 100 cm 	Sweeper 100 cm working width Sweeping roller Ø 37 cm <ul style="list-style-type: none"> • hydraulically driven • Combination sweeping roller included • 2 height adjustable wheels 135 x 40 mm • Hydraulic quick coupling • Suitable for mounting on front dome triangle ! Front coupling triangle FKDR-HYDR required
KM 11537 H-FKDR Working width 115 cm 	Sweeper 115 cm working width For further information see KM 10037 H-FKDR
KM 12537 H-FKDR Working width 125 cm 	Sweeper 125 cm working width For further information see KM 10037 H-FKDR
Front dome triangles Always specify exact ride-on mower type when enquiring or ordering. Attention: Due to the new EN ISO 5395 no longer available for all ride-on mowers!	
FKDR-HYDR-... 	Hydraulic front dome triangle <ul style="list-style-type: none"> • integrated hydraulic lift • hydraulic slewing from the driver's seat • hydraulic tank with control valve (1 dw + 1 dw with float position) • stepless speed adjustment for attachments • for attachment of sweeper, snow blade and blower spreader • Including Attachment frame for ride-on mower

Description	Compatible with sweeper	KM 10037
<p>Rubber splash flaps</p> <ul style="list-style-type: none"> • Attachments included • Plug-in mounted 	Item number	GUSPL 100
<p>Dirt collection container</p> <ul style="list-style-type: none"> • Made of PE plastic • 2 PUR swivel castors for exact adaptation to the ground • Height-adjustable holders • 2 handles • Rubber sealing lip on top • Single lever lock 	Item number	SSB 100 K
<p>Side broom attachment - 40 cm working width</p> <ul style="list-style-type: none"> • Mechanically driven via broom shaft • Height and angle adjustable • Start-up safety device • Broom folds to the side • For sweepers with 32 or 37 cm Roller diameter 	Item number	ASM 403237
<p>Side broom attachment - 40 cm working width</p> <ul style="list-style-type: none"> • Hydraulically driven <p>For further description see art. no.: ASM 403237</p> 	Item number	ASH 403237
<p>Supports for EFKM</p> <p>Sweeping roller diameter 37 cm</p> <ul style="list-style-type: none"> • With castors • For easy mounting and dismounting • For storage 	Item number	AST 37 LR

KM 11537	KM12537
GUSPL 115	GUSPL 125
SSB 115 K	SSB 125 K
ASM 403237	ASM 403237
ASH 403237	ASH 403237
AST 37 LR	AST 37 LR

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