

## Professional Sweepers KM52 series

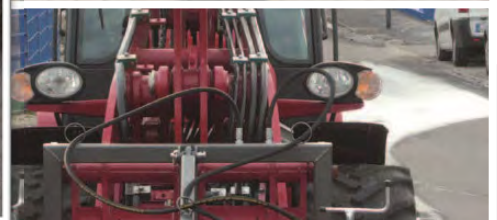
For tractors 30 - 80HP

**KM 12552 H** width 125 cm

**KM 15052 H** width 150 cm

**KM 19052 H** width 190 cm

**KM 22552 H** width 225 cm



- This is our smaller mid-size range of professional, heavy duty sweepers with hydraulic drive and manual angling.
- The Mounting frame gives incredible support to the sweeper with the weight going through the sweeper from the top where it is strongest.
- The KM52 range sport even more robust construction techniques than our KM45 sweepers, with CNC folded and welded, heavy gauge steel.
- An inboard variable speed hydraulic drive motor, with constant tension duplex drive chain allows greater power to the brush and negates chain slippage.
- The pendulum suspension system protects the sweeper and carrier from damage over rough ground.
- Our Ø 52cm, five row combi brush moves large, heavy debris with ease.
- Sweeping height is finely adjusted by heavy duty gauge wheels—each wheel is adjusted individually for precise positioning of the brush.
- Suitable for Front and Rear 3 point linkage, Front Loaders, Telehandlers and Forklift trucks.

For more info



## HYDRAULIC DRIVE

KM 12552 H

KM 15052 H

KM 19052 H

KM 22552 H

<b>Working width</b>	125cm	150cm	190cm	225cm
<b>Weight - with collector</b>				
<b>Oil flow required to operate</b>	35l/min	35l/min	35l/min	35l/min
<b>Diameter brush with 5 rows</b>	52cm	52cm	52cm	52cm
<b>Collection capacity - when fitted</b>				

### Optional Accessories

<b>1</b>	Hydraulic angling in lieu of manual angling.	HSZ-180 KM 52			
<b>2</b>	Front brush guard - to control debris discharge for sweepers without collector	SPL 12552	SPL 15052	SPL 19052	SPL 22552
<b>3</b>	Collector box. with dual cylinder hydraulic emptying	SSB 12552	SSB 15052	SSB 19052	SSB 22552
<b>4</b>	70cm. Gully brush with variable speed, hydraulic drive, spring loaded collision protection, storage position and keystone adjustment	ASH 7052 L - Hydraulic drive gully brush - Left side ASH 7052 R - Hydraulic drive gully brush - right side			
<b>5</b>	Water tank kit mounted on sweeper or Linkage - 100/ 200 litres c/w nozzle rail and 12v/24v submersible water pump	WAS 100 KM52 - 100 litre tank (on sweeper) WAS 200 KM52 - 200 litre tank (on sweeper)			

### 1 Hydraulic Angling

The KM 52 series sweepers come with manual angling as standard . The **Hydraulic angling** option replaces the manual angling system with a hydraulic cylinder to angle the sweeper left and right from the comfort of the seat. The hydraulic angling cylinder is supplied with hoses and 1/2" quick release couplings. This accessory requires a double acting hydraulic service to operate.

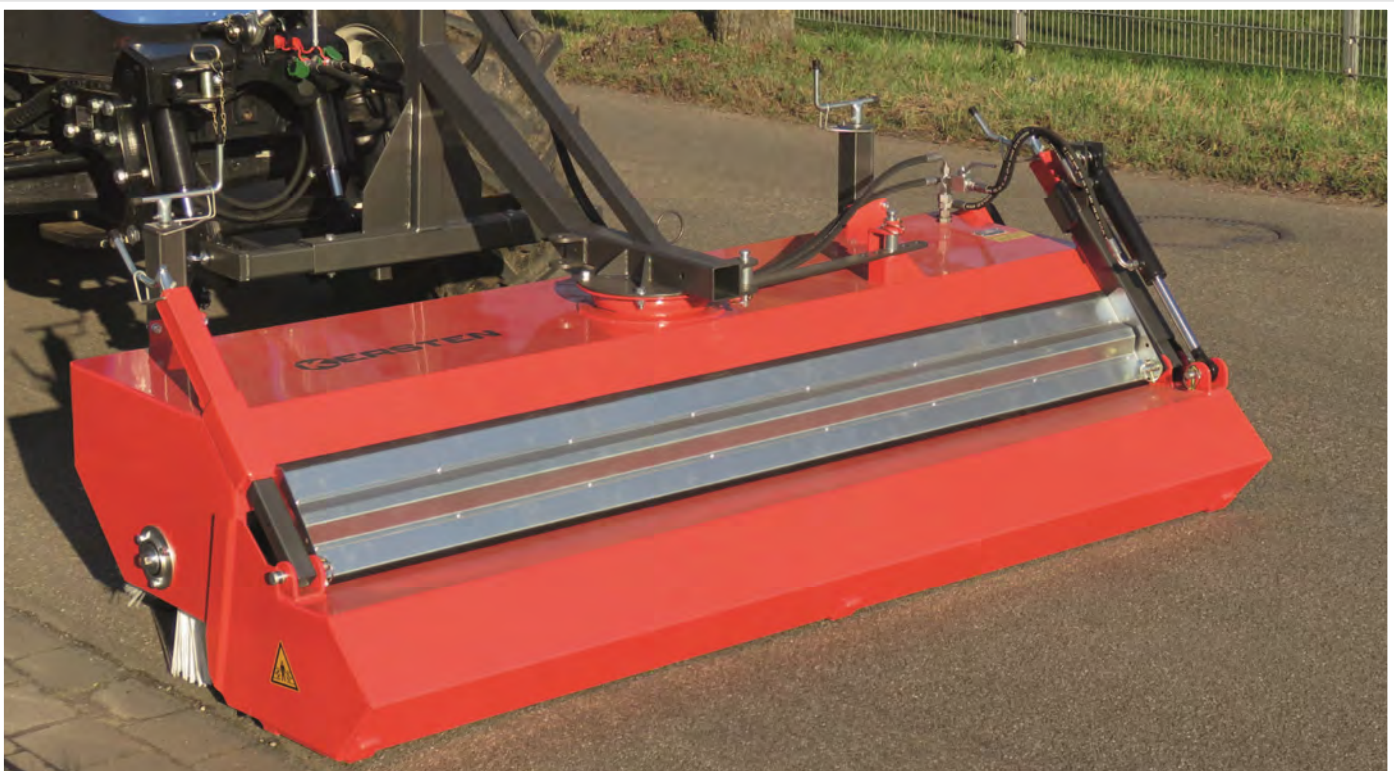


### 2 Front brush guard

Sometimes it is necessary to move material without collecting it. For example; when windrowing a large volume of heavy soil or snow. In this case we need to control the debris, to prevent excessive spray. The front brush guard does exactly that - allowing the material to be contained and dropped directly in front of the sweeper.

### 3 Collector box

The sweeper height is maintained by its rear, heavy gauge wheels and the collector box is mounted to the sweeper chassis allowing it to maintain the position relative to the brush. A hydraulic cylinder allows the collector to be opened and closed without leaving the cab, so you can dump the waste easily. The collector box covers the full length of the sweeper and is built to contain a large volume of debris. The collector box has fully adjustable height settings so that the height can be adjusted as the brush wears. This allows proper material collection for the whole life of the brush. A built in debris shield closes the gap between the sweeper chassis and the collector preventing material from being flung through the gap.



#### 4 Gully brush - Hydraulic - 70cm diameter

Keeping the edges clean and crisp really makes an impact. The powerful 70cm gully brushes can move heavy build up of debris from the kerb edges by sweeping material in to the path of the main brush and collector. The sweepers' integrated hydraulic system provides services for left and right hand mounting on the sweeper. The rotational speed of the hydraulic brushes is fully controllable. The height and angle and fore and aft positions of the gully brush can be adjusted to achieve maximum performance and no tools are required. Spring loaded collision protection allows the operator a degree of latitude when sweeping against wall and gullies.



#### 5 Water Tank Kit

The KM 52 series sweepers can be fitted with a 100 litre or 200 litre water tank kit in order to suppress dust. The water binds to the dust, making it heavier, so it can be easily collected. The kit includes 1x integrated sweeper mounted tank, 12/24v electric water pump, full width spray bar with replaceable nozzles which directs the water onto the brush so that the full length of the sweeper is saturated. This can be more effective than spraying the floor, as it only needs to wet the dust and not the whole floor, creating less mess. A 12v/24v supply is required.



## Mounting options for Kersten KM 52 Series

The following options are the basic types of mounting systems. Within these broad categories are many individual varieties; particular to power unit or linkage manufactures. Precise details of mounting vehicle should be supplied to ensure correct fitment.

**ABR 52 FRONT** - Tractor front linkage with link arms. The bracket is fixed to the sweeper because tractor front linkage provides float for the sweeper.

**ABR 52 EURO** - EURO Hitch attachment for connecting to loader brackets. The loader provides lift and lower facilities as well as float for the sweeper.

**ABR 52 GS** – Fork Lift tines bracket The bracket is fixed to the sweeper and allows lift and lower using the pallet tines on the fork lift. Additional float is built in to the bracket to deal with undulations

**ABR 52 TELE**– Telehandler hitch attachment. The bracket is fixed to the sweeper because the telehandler boom provides lift and lower facilities. Additional float is built into the bracket to cope with the heavy boom and undulations.

**ABR 52 HECK** - Tractor Rear linkage with link arms. The bracket is fixed to the sweeper because tractor rear linkage provides float for the sweeper.

