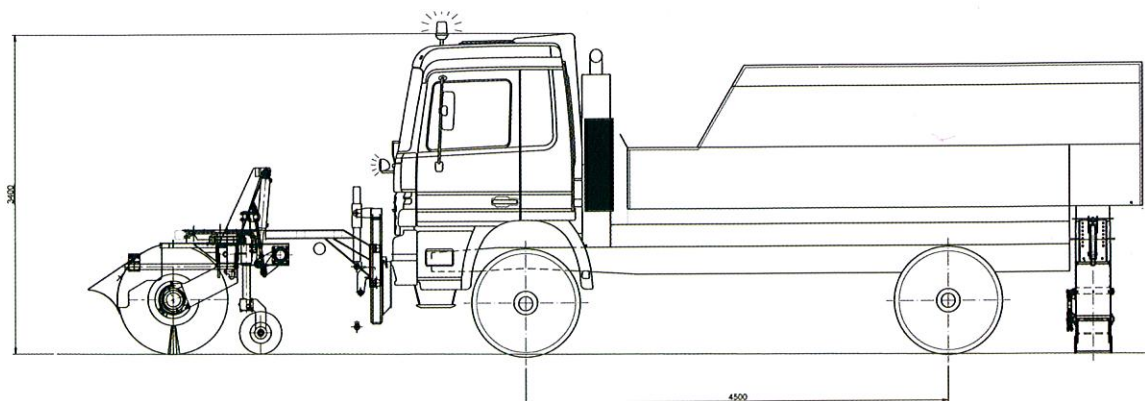


CFB Compact Jet Sweeper



For clearing snow from airport runways, taxiways and aprons.

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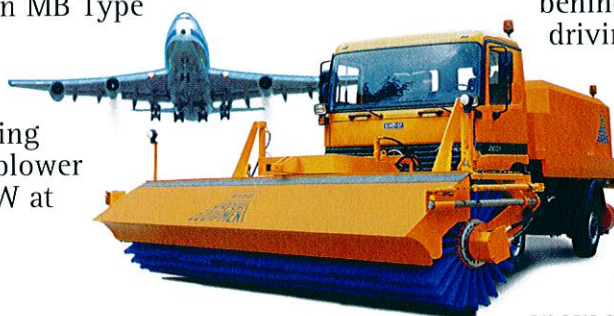


CFB Compact Jet Sweeper

The CFB was developed for clearing snow from airport runways, taxiways and aprons. Due to its compact design and front mounted rotary brush, the jet sweeper is highly manoeuvrable and reliably clears snow and slush with a clearing width of 4 500 mm.

Drive unit

Carrier vehicles with four-wheel-drive are used for the CFB. An MB Type OM 501 LA engine is used to drive the hydraulic pumps and to control the sweeping unit and high pressure blower with an output of 260kW at 1 800 rpm.



Sweeping Unit

The sweeping unit is mounted on the front of the carrier vehicle. This means that the CFB can efficiently clear both snow and slush. The brush is powered by two hydraulic engines. A hydraulic cylinder enables swivelling to the left and right. The rotary brush is suspended which ensures that horizontal adjustment to the sweeping surface is possible. Two castor wheels guide the rotary brush.

High Pressure Blower

The high pressure blower is driven by an auxiliary engine via a variable pump. The fan can be turned on or off by swivelling the pump. The blower was developed to produce an efficient fan output capacity of ca. 630 m³/min. The air speed of up to 125 m/s is almost constant over the entire passage of air. This ensures that only a minimal loss of pressure and capacity occurs. The air is blown at the rear of the CFB just above the

ground to dry the swept surface or remove any remaining snow. Apart from the blower housing, there are no moveable parts. When in the transport position, none of the parts stick out behind or to the side. This means that driving backwards is not dangerous.

Snow Plough

As an alternative to the rotary brush, the CFB can be fitted with a snow plough. Both the MS 56.1 and the MS 64.1 airport snow ploughs are ideally suited for this purpose.

Technical Data

Drive unit	
Engine:	MB Type OM 501 LA
Output:	260 KW at 1 800 rpm
Sweeping unit	
Rotary brush length:	5 485 mm
Brush angle/width:	35° / 4 500 mm
Blower unit:	
Air volume:	8.8 m ³ /s
Speed:	up to 125 m/s
Air flow direction:	left or right

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