

New Generation



CJS

Compact Jet Sweeper



- Highly manoeuvrable, high-performance vehicle for any area of application
- Dependable new design
- Sustainable engine technology

Compact Jet Sweeper

Unrivalled reliability – More efficiency, more performance, more CJS!

- Tried and tested control technology, great variety of options and smart assistance systems
- Easy steering and manoeuvring for all areas of application on the airfield
- New ergonomic design
- Quick and reliable clearing operations at speeds of up to 60 km/h
- Maximum blower performance where it really matters thanks to optimum, aerodynamic air flow
- Long life of the brush materials due to automatic sweeping pattern adjustment
- Sturdy and compact design on standard truck chassis
- New fan system helps to prevent fine snow particles from being drawn in



Environmentally friendly operations

Efficient diesel engine technology

The latest EuroMot IV engine technology reduces the emission of particulate matter by about 90% compared to EuroMot IIIA and that of toxic nitrogen oxides by about 90%.



Saving fuel in the eco mode

The eco mode permits additional fuel savings of up to 5%.

The low engine speed also significantly reduces the noise level.



Smart Service Concept – Easy maintenance

- Easy access to all vital components
- Shorter service times thanks to the optimum arrangement of components requiring maintenance
- Handy holder for the control panel on the switch cabinet during servicing and maintenance
- Optimised cable harness layout (knitted cable harness) ensures higher quality standards and reduced service requirements
- Air inlet underneath the machine reducing dirt in the air filters



Safety

- Increased safety during clearing operations thanks to the optional 360° reversing camera
- Optional lighting concepts

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Chassis and steering

- 4x4 MAN or Mercedes-Benz chassis.
- Four-wheel steering with automatic track control, front axle steering as an option.

Power unit for sweeping and blower unit

| | EuroMot IV |
|------------------|---|
| Auxiliary engine | 260 kW (354 HP) |
| Power | at 1,800 rpm |
| Fuel tank | 600 l (approx. 8–10 hours of operation) |

Snow plough

Reliable and aggressive snow clearing on airports is achieved by our Tarron snow ploughs, e.g. MS 56.1. A secondary cutting edge, low blade or ejection barrier are available as an option.

Sweeping unit

- Twin castor wheels lead to a smooth and efficient sweeping operation.
- The automatic spoiler adjustment with aerodynamic spoiler guidance and wear-dependent brush speed control supports a flat snow ejection and back to the black surface, resulting in maximum safety.
- The automatic and infinite sweeping pattern adjustment enables an even and low wear and tear of the brush profile, which reduces the vehicle's whole life costs.

Blower unit

- The compact and aerodynamic rear-mounted blower unit with its short blower nozzles offers maximum performance and optimum drying of the cleared surface.
- Constant air speed over the entire working width leads to steady clearing of the surface.
- The blower performance is adjustable in two steps.

Control system

- Control unit with colour graphic display provides synchronised control of the plough, brush and blower for quick and reliable operation.
- Intuitive and customised control menu is easy to use and allows the driver to fully focus on the clearing operation.

MB 2033AK

MAN TGS 18.360 4x4BB

Weights (kg)

| | | |
|--------------------------------|----------------|----------------|
| Total weight with vehicle: | approx. 18,500 | approx. 18,200 |
| Total weight of sweeping unit: | approx. 2,400 | approx. 2,400 |
| Total weight of blower unit: | approx. 150 | approx. 150 |

Dimensions (mm)

| | | |
|----------------------------------|----------------|----------------|
| Length with snow plough | | |
| MS 56.1 in working position: | approx. 12,200 | approx. 12,300 |
| Length without snow plough: | approx. 9,295 | approx. 9,395 |
| Transport width: | approx. 2,500 | approx. 2,500 |
| Transport width with snow plough | | |
| MS 56.1 in working position: | approx. 4,750 | approx. 4,750 |
| Height (without warning beacon): | approx. 3,850 | approx. 3,900 |
| Sweeping width at 32° angle: | approx. 3,560 | approx. 3,560 |

Subject to technical changes without notice!

