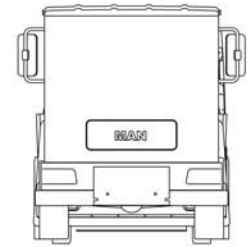
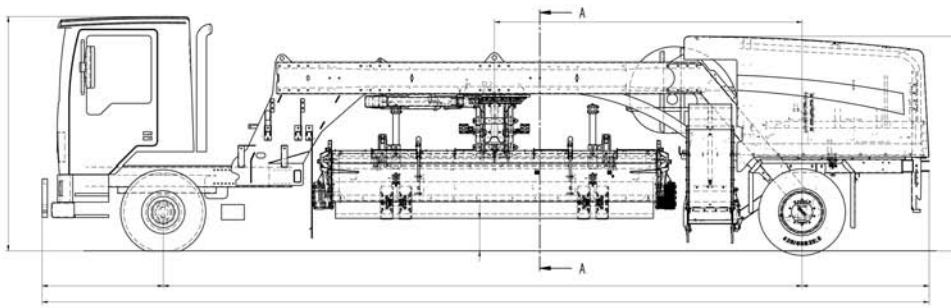


TJS-C 560 with Dumper Front End Compact Jet Sweeper



For clearing snow from airport runways and taxiways.





TJS-C 560 with Dumper Front End

The TJS-C 560 compact jet sweeper was specially designed for clearing snow from airport runways and taxiways. It distinguishes itself with its large clearing width, high operating speed and excellent manoeuvrability.



Construction and Technology

The TJS 560 is comprised of three components: the dumper front end, the supporting frame and the rear vehicle. The jet sweeper is powered by an automatic drive on the front axle. The front-mounted, extra wide, foldable MS 72.1 K snow plough is attached to the dumper front end. A 5 600 mm wide, hydraulically powered, adjustable brush is attached to the underside of the supporting frame. In transport position the brush is locked in lengthwise. Changing it to the operating position only takes two minutes. The blower unit with its motor and the rotary brush are all located on the rear vehicle.

Combined Clearing

The TJS-C 560 clears airport manoeuvring areas in three stages. First the snow plough pushes the snow off to the side. Then, with a clearing width of up to 4 750 mm, the rotary brush sweeps the remaining snow and ice to the side. Finally, the hydraulically powered blower generates an intensive 145 m/s air flow over the entire swept area. This is emitted directly above the ground in front of the wheels of the rear vehicle to blow the remaining snow and liquid off to the side with high pressure. The TJS-C 560 can clear up to a maximum speed of 60 km/h depending on the level of snow.

Full Output

The sweeper can be used on its own or in combination with other jet sweepers. The rear axle steering with the automatic track system ensures the high degree of manoeuvrability. The automatic sweeping level adjustment is consistently regulated by the hydraulically controlled double impellers. The suspended rotary brush lies on the ground and is unaffected by movement of the vehicle or ground unevenness. Regulated by the two different power settings, the high pressure air flow can reach up to 630 m³/min.

Technical Data

| | |
|--------------------|--------------------------------|
| Drive unit | |
| Engine | Mercedes Benz, Type OM 501 LA |
| Output | 315 KW at 1 800 rpm |
| Sweeping unit | |
| Brush length | 5 600 mm |
| Brush angle/width | 32° / 4 750 mm, 36° / 4 530 mm |
| Blower unit | |
| Air volume | 10.5 m ³ /s |
| Speed | ca. 145 m/s |
| Air flow direction | left or right |

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