



DOBROWOLSKI

De-icing sprinkler-flusher airport machine ORION PP2 is designed to help protect the safety and on-time performance of winter-weather flight operations.

PP2

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Technical specification

Capacity

Tanks for chemicals substances (rated capacity)
Tanks for chemicals substances (working capacity)
Tanks for chemicals substances for ballasting

Weight

Superstructure
Empty sprinkler-flusher
The permitted total weight

Working speed

Recommended min sprinkling-flushing speed
Max sprinkling-flushing speed
Engine RPM during sprinkling-flushing
Engine RPM during operation

Sprinkling

Working width
Consumption
Automatic sprinkling-flushing controlled from the remote control
when using the tracking control system or alarm system manual control

The other parameters

Consumption of the membrane pumps
Maximum pressure
Working pressure
Time to fill
Maximum pressure in the hydraulic rail motion control system
Rail opening and closing time
Max pressure in the hydraulic pump drive
Voltage of the electric control systems and lighting
Voltage of the installation of heating the engine hydraulic tank
oil at temperatures below -5 °C

PP2

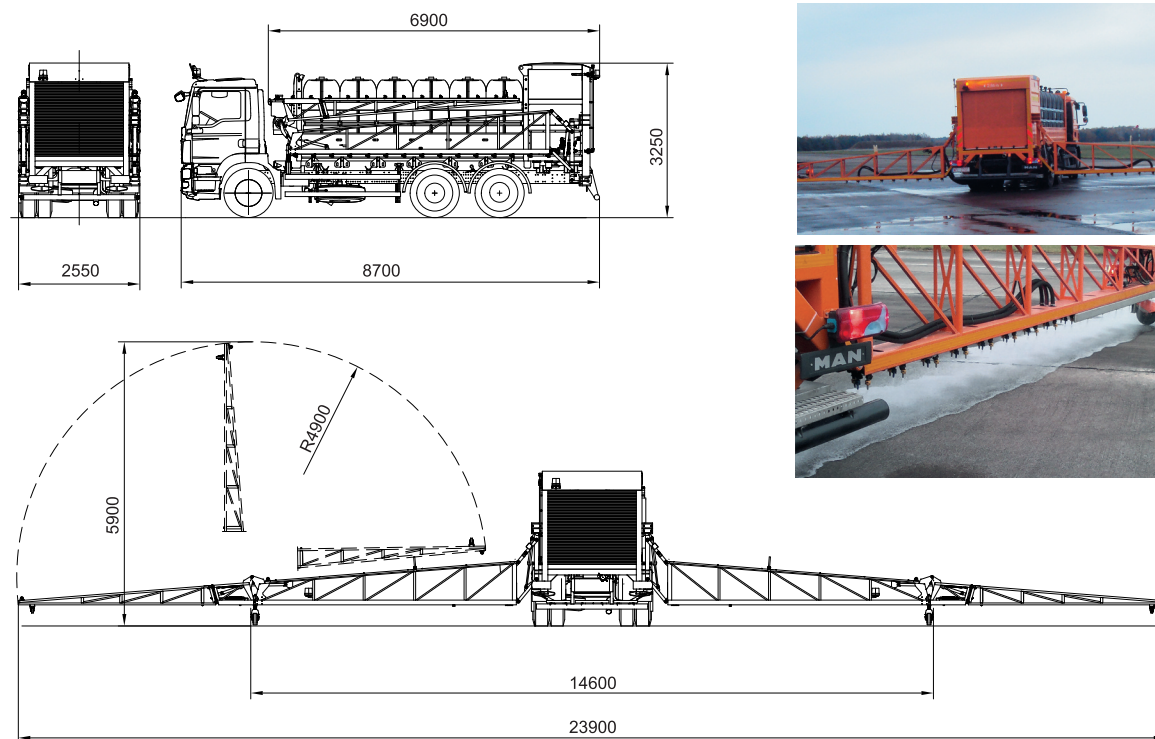
12.000 l.
11.400 l.
4.000 l.

5200 kg
11800 kg
26000 kg

15 km/h
40 km/h
1550 -1700 rev/min
2000 rev/min

3 m, 14 m, 24 m
5 – 40 g/m²

max 3x 250 l/min
20 bar
up to 8 bar
approx 1 h
170 bar
approx 1,5min
190 bar
24 V
230 VAC



De-icing sprinkler-flusher airport machine ORION PP2 is designed to help protect the safety and on-time performance of winter-weather flight operations. The unit ORION PP2 is manufactured for removal of snow, ice or frost from the surfaces of the airports runways and areas by pouring designated for that chemicals substances.

Control over the work of de-icing sprinkler-flusher ORION PP2 comes directly from the drivers cabin through the use of a special microprocessor with control panel, which allows to maintain your settings regardless of changes in speed.

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