

AIRPORT RUNWAY SWEEPER

Sympajet 6



FOR ANY ASSISTANCE,
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Notes:

NAFFCO reserve the right to introduce minor changes to improve operational and performance related aspects of the vehicle and if also necessary to supply equivalent equipment/components if they should become unavailable or obsolete.

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TECHNICAL SPECIFICATION

Made in accordance to the guideline 2006/42/EG and is labelled with the CE sign.



REAR DOOR

The rear door is locked and unlocked, opened and closed hydraulically. A unlatch safety valve secures the rear door when raised against its accidental fall down, regarding to the German UVV safety regulations. In order to separate the waste water from the solid part of the debris, there is a large filter grid at the inside part of the rear door connected to the outside through a drain adapter and a drainage flexible pipe.

TRANSMISSION

Using four V-Belts, the suction fan is directly connected to the drive shaft of the auxiliary engine. Additionally, a hydraulic pump for the drive of the secondary functions, like brushes and hopper tipping system is driven over the same v-belts.

AIR RECYCLING SYSTEM

The FAUN air recycling system is recirculating up to 70% (adjustable) of the suction fan exhaust air and reusing it through a flexible hose in the blowing nozzle. The rest of the exhaust air will be decelerated in the air stilling chamber and sinks under the vehicle out to the environment. The high rated heavy-duty suction fan, adapted for the FAUN air recycling system is made of high wear resistant steel.

BODY

Emptying of the body is controlled over the switches on the control panel in the cab (open the rear door and tilting the hopper). Following the UVV standard prescriptions the closing of the rear door can only be made from the tail of the sweeper.



HOPPER

- 6m³.

HOPPER TIPPING

- 60°.

AUXILIARY ENGINE

- John Deere 86kw Euromot 3a.

SUCTION FAN

- 12.000m³/h output with 600mm water column.

CHANNEL BRUSH

- 750mm diameter.

WIDE SWEEP BRUSH

- 400mm diameter 1500mm length.

WATER TANK

- glass fiber reinforced plastic 1200 litres, mounted under hopper storz "c" hydrant connection as per en/din 14302.

WATER PUMP

- hydraulically driven.

Equipment

Sweeping devices, the sub-frame and the fixing plates for the engine and the fan are coated with black painting RAL 9005.

Pneumatic

The pneumatic system for lifting, lowering and pivoting of the sweeping equipment consists of an additional air tank, some electro-pneumatic valves, pneumatic cylinders and wear-free air bellows.



Front Magnetic bar and Washing system



Technology Partner

