

AS 660

Sweeper

The AS 660 is an extremely powerful and efficient truck-mounted sweeper that is specially designed and perfectly matched to meet the needs of airports. With its rear suction unit and high suction power extending across the entire width of the vehicle, the AS 660 removes FOD (Foreign Objects Debris), leaves and dirt, plus liquids such as glycol or water, easily from the runway. Its operation is fully integrated into the super efficient and highly acclaimed ES control panel, enabling easy and straightforward control whilst driving.

Highlights

- Combination of linear and parallel lift enables **flexible suspension** and ensures **tilt compensation when cornering** and close proximity **to the ground contour.**
- Two-part suction shaft with **adaptive ground adjustment.**
- **Castor wheels** improve running smoothness and enable **ideal contour tracking.**
- **Lateral shift** enables lateral adjustment when driving straight ahead and allows the rear suction nozzle to be **positioned closer to the curb.**
- Pressurised water recirculation system **extends the operating time by up to 30%.**

Your benefits

- **Outstanding sweeping performance** even when cornering, thanks to excellent coverage with disc brush, roller brush and suction nozzle, two-part suction nozzle and a flexible suspension.
- Greatly **reduced brush wear**, thanks to adjustable brush pressure and speed.
- **Electrically controlled water jets** with **maximum flexibility** through operation via the ES control panel.
- **Dust-free collection of debris** thanks to water jets in the suction shaft, on the disc brush and feed roller.
- Outstanding not only at airports, but ideal when **clearing up on construction sites**

Performance features

Cleaning concept

The AS 660 boasts outstanding suction power, a 7 m^3 hopper and a large water volume for long sweeping distances and maximum efficiency. With a self supporting frame, the sweeper can be mounted on any conventional two-axle truck chassis in the 15 – 18 tonne class, provided that the requirements for approval in terms of load capacity are met – a unique concept that offers maximum flexibility and adaptability.



Suction system

The rear suction unit enables full surface cleaning across the entire vehicle width. The high suction power and flow-optimised suction shaft ensure outstanding collection of debris – even persistent dirt and liquids. The flexible suspension, combined with a two-part suction vehicle, ensures that the suction nozzles ideally adjust to the swept surface, even when the truck is on a steep incline or uneven roads.



The transverse shift to the left or right enables lateral adjustment when driving straight ahead. The rear suction unit can therefore be positioned closer to the curb, while the corresponding pneumatic suspension also serves as lateral collision protection. The rear suction unit is not dependent on the type of truck and its operation is fully integrated into the ES control panel, enabling simple and easy control whilst driving.

Rear suction functions

- Lateral adjustment -80 /0/ +80
- Debris flap
- Inclination locking of the two suction shafts (locking of the center joint)
- Floating axle – wheels on pivoted carrier rockers for optimal contour tracking in the driving direction
- Quick height adjustment on the floating axle
- Optional high-pressure spray bar, before or after the rear suction unit

Operation

State-of-the-art control technology is an important step towards safe and efficient sweeping. Logical and intuitive menu navigation and automatically controlled processes help drivers remain focused on the road.



Gallery







Related products

AS 990 / ASC 990

Sweeper



eCleango 550

Sweeper



Street King 660

Sweeper



Technical data

Hopper	
Hopper volume	7 m³
Tilt angle	60°
Sweeping unit	
Disc brush diameter	550 / 650 / 750 mm
Sweeping width	1,200 mm
Sweeping width with suction nozzle and roller brush	2,350 mm
Sweeping width rear suction unit	2,500 mm
Sweeping width dual version	3,500 mm
Roller brush diameter	400 mm
Roller brush length	1,300 mm
Suction unit	
Model	Rear suction unit
Suction hose diameter	250 mm
Suction nozzle diameter	250 mm
Suction fan	
Type of drive	Hydraulic motor
Max. air flow rate (free flow)	18,000 m³/h
Speed	2,100 - 3,100 1/min
Water system	
Total water volume	1,600 l
Drive system	
Drive	Auxiliary engine
Drive system - auxiliary engine	
Engine type	Deutz TCD 7.8 L6
Exhaust emission	EuroMot V
After treatment system	DOC + DPF
Displacement	2,900 cm³
Torque	260 Nm
Speed range	1,600 1/min
Drive system - auxiliary engine 2	
Engine type	Deutz TD 2.9 L04
Exhaust emission	EuroMot IIIA
Displacement	2,900 cm³
Speed range	1,600 1/min
Hydraulic system	
Hydraulic tank volume	130 l
Speed	
Transport speed	90 km/h
Sweeping speed	20 km/h
Weights	
Empty weight of the basic unit approx.	4,250 kg

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Document created on 10 JUL 2026

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