

RUNWAY SWEEPER RS 400^{7.5 MKII}

...Setting the standard!



In General

The RS series is the most modern high capacity, high speed runway sweeper on the market today. The modular RS series boasts a large brush diameter and sleek, elegant design.

The Jumbo-sized runway sweeper RS 400 is a standard module in Øveraasen's Modular System of which more than 200 units are delivered worldwide. With its impressive 5,5 meter (18 foot) clearing width, it represents a lower total investment compared to conventional equipment:

- Snowclearing can be achieved with fewer machines.
- Less manpower is required.
- Less garage space is needed.
- Lower operational costs.
- Lower investments.

Øveraasen RS 400 is a major time-saver for airports with busy schedules:

- 1 170 mm (46 inch) brush diameter.
- 5,5 meter (18 foot) working width.
- 65 km/h (40 mph) working speed (maximum).
- Snowclearing easier to organize with fewer machines and less manpower.
- Proven reliability with more than 300.000 hours of practical operation.

The Mercedes-Benz truck provides a new world of comfort for operators. Heated comfort seats, electrically adjustable and heated mirrors, heated wipers and windshields, rear view monitor, electronic automatic gear shift (or Allison transmission) are examples of qualities that can be offered.

The easy-to-use computerized control system ensures a smooth and co-ordinated maneuver of the snow plow and sweeper based on hydraulic cylinders. Repositioning the machine no longer requires inductive switches or sensors that can corrode or malfunction when exposed to chemical-laden snow ice, and water.

Check out the advantages!



46-inch brush diameter

High airblower capacity

Proven reliability

Optimal snow removal quality

Higher working speed

The element snow plow is specially designed for use in combination with runway sweepers at airports. The plow employ a strong versatile reversible snowblade consisting of 9 pc. individual elements. This means the plow follows the surface very close.



No critical micro switches. Hydraulic cylinders have no middle position. One cylinder per movement.



Optimal snow removal quality
 - Automatically controlled brush speed (revolution) in relation to forward speed, snow conditions and current brush diameter.
 - Automatically adjustment of brush pattern (option).
 - Long lifetime of brushes, - reduced operational costs.



Brush diameter increased from 915 to 1 170 mm / 36 inch to 46 inch.
 - Same peripheral (tip) speed at lower revolutions and a flatter trajectory of thrown snow.
 - Markedly higher working speed.
 - Achievement of desired clearing speed with all brush diameters.



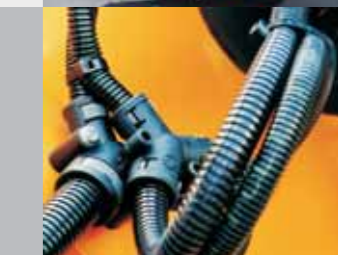
Mechanical floating function allows the brush to follow the ground surface well, with good level adjustment (brush pattern), even at high speeds.
 Reacts instantly to uneven surfaces.



Engine compartment can be opened upwards hydraulically. Easy access to engine compartment for service and daily inspections. Free access to electrical installations, diesel engine, hydraulic components etc.



Durable high-tolerance electrical system. Cables and connections are safely protected against water, chemicals and corrosion.



Remote control panel for manual brush adjustment and service purposes.



Easy-to-use control panel located in the drivers cabin.



Rust resistant hydraulic connections and fittings designed especially as protection against acetates and other chemicals.



All bolts, screws and nuts in rust resistant material. Protected against acetates and other de-icing agents.



All steel parts are sandblasted before a 150-250my "offshore" paint is applied. 5 layers of high quality paint. Sandblasting is a must to avoid rust and loose paint.

