

# ØVERAASEN **Railroad** Snow Removal Equipment

BRUSHES BLOWERS TRACK CLEANERS PLOUGHS POWER PACKS



... the snow professionals

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**ØVERAASEN**  
SNOWREMOVAL SYSTEMS

## Snow-How: ØVERAASEN Railroad Snow Removal Equipment

Most people, who are living with snow 6–8 months of the year, learn how to use it and feel at home in this element. When working with snow, it is a great advantage to know the variety of the snow, whether it is dry, icy or hard packed. In Norway we have the opportunity to experience all the different types of snow under always changing, often extreme weather conditions. This knowledge and experience has contributed to the modern range of ØVERAASEN snow removal equipment. We like to call it: **“Norwegian Snow-How”**.

The ØVERAASEN railway snow removal equipment covers a wide range of machines and equipment. From simple small snow blowers and ploughs to the world’s largest rail-bound snow blower with more than 3000 hp and a weight of approximately 70 tons.

For many years ØVERAASEN has supplied modular equipment such as power packs, snow brushes, snow blowers and lifting devices for various types of rail bound maintenance vehicles.

Since our customer operates under extreme and various conditions we offer a number of customized solutions to meet the different requirements.

### Customized solutions are our **strength**





ØVERAASEN  
Railroad Snow Removal Equipment

For **TM III** Maintenance Vehicles we deliver:

Power Pack PP 310

Duo Lift Rail

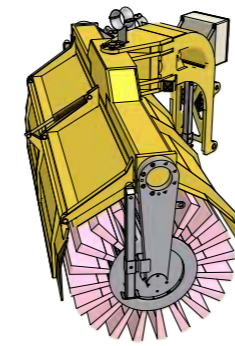
KM 120 H

2 KM 90 H Split Brush

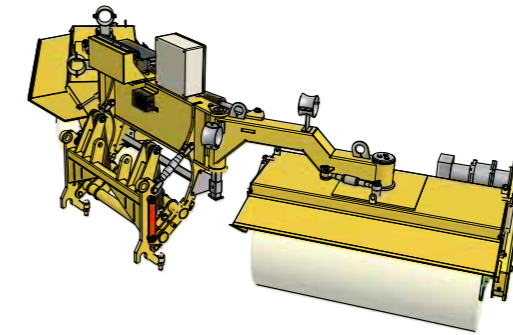
150 H PS Snow Blower

The TM III is a maintenance vehicle produced by Raco/Saurer in Switzerland. They have been in use for many years and a large number have now been completely refurbished. ØVERAASEN have refurbished and modernised some of them to suit as carriers of heavy snow removal equipment. The TM III is because of its short wheelbase, short overhang, weight and traction ideal. It can easily be converted to a regular maintenance vehicle by replacing the power pack with a flatbed and a crane.

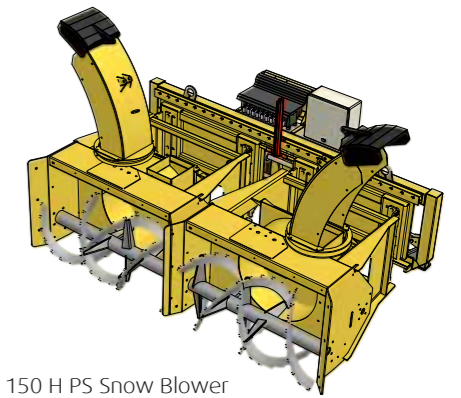
ØVERAASEN has tailor made this machine with a complete modular system of power pack and snow removal equipment. The system includes a common control panel for both power pack and snow equipment. Kindly note that different kind of snow removal equipment can be mounted to most similar types of maintenance vehicles.



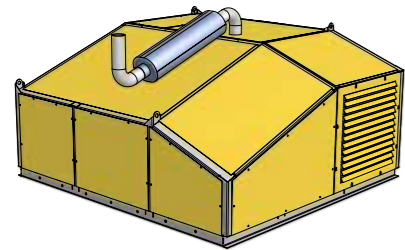
KM 120 H Snow Brush



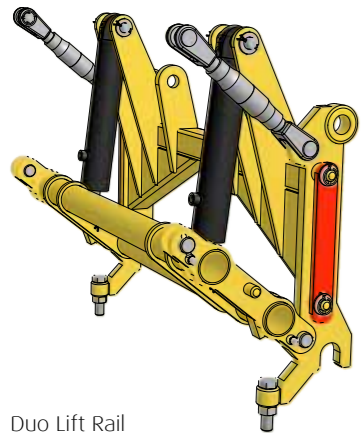
2 KM 90 H Split Brush



150 H PS Snow Blower



Power Pack PP 310



Duo Lift Rail

The **PP 310** is a diesel hydraulic power pack for operating snow blowers, brushes and other hydraulic powered equipment. The PP 310 has two independent hydrostatic circuits and one LS pump. There are two hydrostatic outlets in the front and one in the back. In addition to those there are also outlets for maneuver hydraulics at both ends.

The PP 310 and the connected equipment are controlled by the same electrical control system.

**Duo Lift Rail** is a parallelogram lifting device. It is hydraulically operated. The Duo Lift Rail is mounted between the snow removal equipment and the maintenance vehicle. The Duo Lift Rail is being used to connect the equipment to the carrier.

The **KM 120 H** is a snow brush with a parallelogram lifting device. The brush unit is mounted in front or back of the TM III. The brushes are powered by the hydraulic motor, which is mounted, inside the brush axle. The brush unit can be angled to both left and right. The movement is hydraulically operated from a steering panel which is placed inside the cabin.

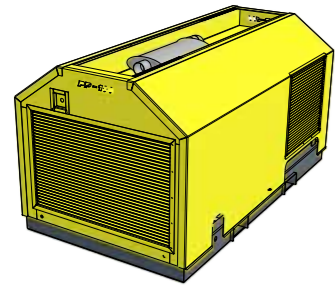
The **2 KM 90 H Split Brush** consists of two brushes of the type KM 90 that are suspended in a frame with swivel arms. The brushes can move individually out to about 3 meters from the centre of the railroad track. The frame is connected to a Duo Lift Rail parallelogram lifting device. The brush unit is mounted on the back of the TM III.

The **150 H PS** consists of two snow blowers mounted in a frame with a horizontal parallelogram. The blowers can move individually out to about 3 meters from the centre of the railroad track. The frame is connected to a Duo Lift Rail parallelogram lifting device. This split snow blower unit is mounted in front of the TM III.

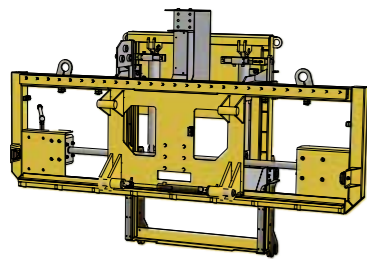


For Vehicles we deliver:

- Power Pack PP 180 MKII
- R- Lift HS
- R- Lift HSS
- KM 90 Brush
- L 285 Track cleaner
- V 130 Snow Blower
- Dual Stage Snow Blowers
- SK 250 Brush Blower



Power Pack PP 180 MKII



R- Lift HSS lifting device



KM 90 rotating Brush

The maintenance vehicle is a common machine used for track maintenance jobs. We offer light to medium heavy snow removal equipment for such machines. The equipment can be mounted on the front and rear buffer plate. A power pack is mounted on the flatbed to provide hydraulic power to the different kind of snow removal equipment.

The **Power Pack PP 180 MKII** is a diesel hydraulic unit for operating snow blowers, brushes and other hydraulic powered equipment. The PP 180 has one hydrostatic circuit and one LS pump, and is delivered with a control panel for operating the hydrostatic circuit and the manoeuvring the different equipment.

The **R- Lift HS** is a lifting device. It is mounted between the snow removal equipment and the vehicle. This device can lift the equipment approximately 800mm.

The **R- Lift HSS** has all the same features as the HS, but can also move sideways. The movement is up to 600 mm in each direction.

The **KM 90 Brush** is a hydraulic powered rotating brush. The brush unit can be angled to both left and right. The movement is hydraulically operated from a steering panel which is placed inside the cabin.

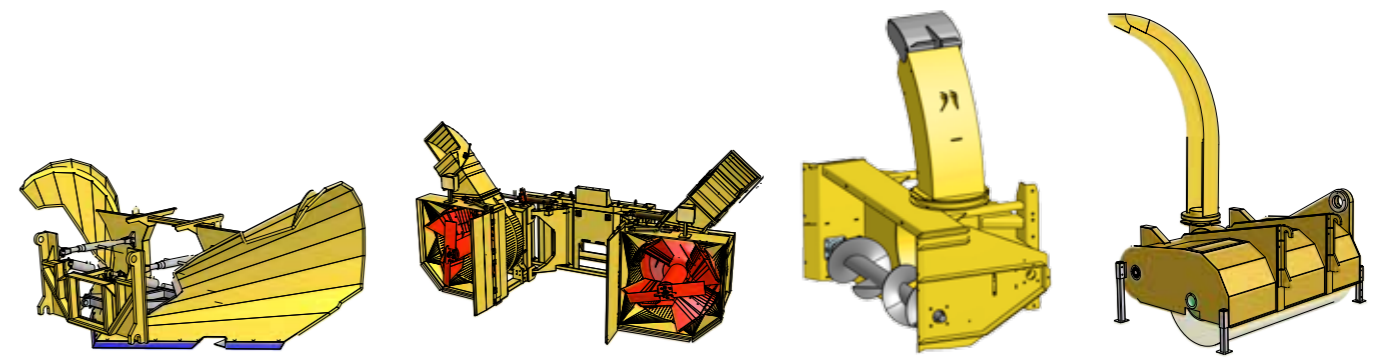
The **L 285 Track Cleaner** is a rear mounted snow plough for railway tracks. The L 285 cleans approximately 70 mm under the rail top and out to about 1600 mm from the center of the railroad track. The snow plough has a unique design which will throw snow up and away from the railway track. An operator panel is included. From this panel the L 285 can be raised and lowered.

The **V 130 Snow Blower** consists of two heavy snow blowers mounted on a frame with a horizontal parallelogram. The impellers can move individually out to about 3 meters from the centre of the railroad track. The frame is connected to a Duo Lift Rail parallelogram lifting device.

**Dual Stage Snow Blowers**

ØVERAASEN can deliver different types of dual stage snow blowers, tailor made for the different needs and capacity requirements from the customers. Based on a modular system most special requirements can be met.

The **SK 250** gently cleans the track with a brush. It is a track cleaner combined with a snow blower. It consists of a rotating brush and a rotating impeller/auger. The brush cleans the snow about 80 mm below the top of the rail. The brush feeds the snow into a rotating auger with an impeller in the centre. The impeller throws the snow into the chute. The chute controls the casting of the snow from the railroad track or into a wagon. The chute is hydraulically operated from the steering panel. The panel is placed inside the cabin.



L 285 rear mounted Track Cleaner

V 130 Snow Blower

Dual Stage Snow Blower

SK 250 Brush Blower



Maintenance vehicles are used for snow clearing



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