

FLL

Snow plough

The FLL is a single-bladed spring flap snow plough. The FLL has been specially designed for mounting on narrow track vehicles, municipal compact vehicles, tractors, off-road vehicles or pickups. It is particularly useful for clearing low-to-medium amounts of snow in narrow or limited areas, such as depots, cycle paths, footpaths and alleyways in old town centres.

Highlights

- **Flat share curvature** for easy snow ejection
- Available in **five different sizes**
- Stable, durable and **robust construction**
- **Spring flat override system**

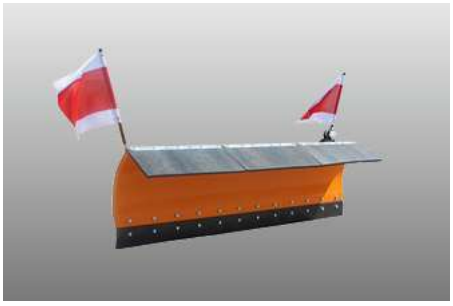
Your benefits

- **Wide range of applications:** The FLL is versatile and ideal for use on pavements, car parks and pedestrian zones.
- **Lightweight:** The low weight of 195 -260 kg makes the FLL ideal for use in the community.
- **Flexible use:** The FLL can be used for any type of snow and is suitable for low or medium snow depths.

Performance features

Plough blade

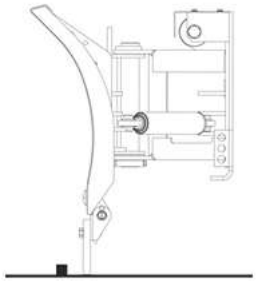
The FLL has a flat blade curvature, which ensures easy snow ejection and is ideal for clearing in inner city areas. The robust steel construction with spring flap segments on the underside ensures clean clearing. The inclination of the FLL to right or left is infinitely variable, so it can be positioned precisely in a user-friendly manner for any location and purpose.

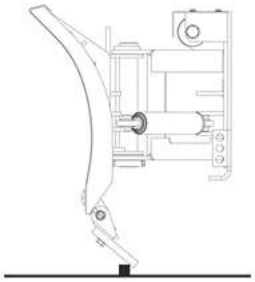


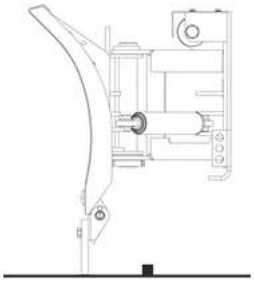


Override security system

The FLL snow ploughs have a stable and torsion-resistant construction and are equipped with a spring flap override system with pre-tensioned torsion springs to protect against contact with unseen obstacles. Thanks to the override system, obstacles are simply driven over while the plough blade remains in the clearing position and is undamaged. Depending on length, the FLL has three, four or six spring flaps.







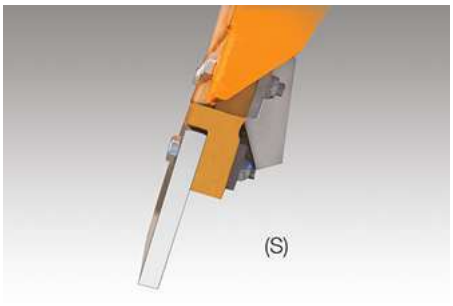
Cutting edges

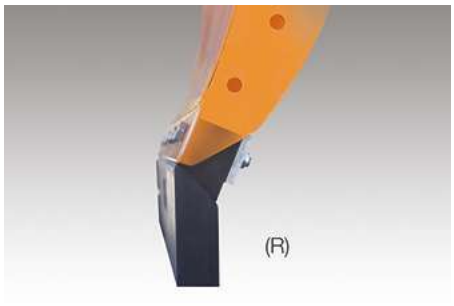
Steel cutting edge (S)

A multi-purpose, cost optimised solution for aggressive clearing – if necessary. Steel cutting edges are resistant to bending and twisting, giving a clean result.

Rubber cutting edge (R)

A good solution for use on inner city roads and speciality properties like parking lots. Due to the flexible and elastic characteristics of rubber, it glides smoothly over the surface. Allows gentle clearing of paved surfaces.





Lifting device

FLL snow ploughs ensure big lifting height, depending on the spring excursion of the vehicle. The lifting device is easy to operate. Mounting and removal of the implement is possible within a few minutes only.

Angling system
A mechanical angling system is supplied as standard, while a hydraulic version for infinitely variable swivelling both right and left is available as an option.

Hydraulic system
Hydraulic system suitable for vehicle hydraulics with two control valves for operation of the snow plough.

Working support devices
The castor wheels ensure precise adjustment of the snow plough and provide appropriate aggressiveness during snow clearing. They support the frame when driving over obstacles and extend the service life of the cutting edge.

Snow deflector
Snow splash guard reduces visibility from the driver‘s cab. The rubber shield directs the air stream along with the snow dust to the side. Rubber protection is used mainly during slow clearing of wet and heavy snow. Thanks to its great flexibility, the splash guard is not easily damaged. It is simple and cost effective option.

Mounting
The FLL snow plough can be mounted on vehicles with their own lifting system using appropriate adaptors or on vehicles with their own three-link lifting system, using double-acting hydraulic cylinders.

Options
- Warning marks and safety devices
- Plough lighting LED

Related products

CP

Snow plough



SNK

Snow plough



MPC

Snow plough



Technical data

	FLL 14	FLL 16	FLL 18
Construction			
Number of spring loaded segments	3	4	4
Dimensions			
Plough height	720 mm	720 mm	720 mm
Length at cutting edge	1,400 mm	1,600 mm	1,800 mm
Operational Dimensions			
Clearing width	1,210 mm at 30°	1,390 mm at 30°	1,570 mm at 30°
Weights			
Approx. weight with steel cutting edges	195 kg	210 kg	220 kg

	FLL 20	FLL 24
Construction		
Number of spring loaded segments	4	6
Dimensions		
Plough height	720 mm	720 mm
Length at cutting edge	2,000 mm	2,400 mm
Operational Dimensions		
Clearing width	1,740 mm at 30°	2,090 mm at 30°
Weights		
Approx. weight with steel cutting edges	235 kg	260 kg

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