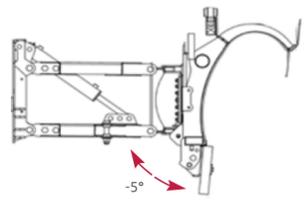


**Configuration examples**

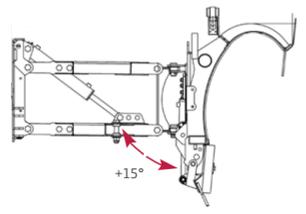
Any kind of snow needs a specific scraping edge:

- Bi-shore rubber or polyurethane scraping edge for soft or wet snow
- Steel scraping edge for hard packed or iced snow

	SCRAPING EDGE MATERIAL	ANGLE
MC	Neoprene Rubber	-5°
MN	Steel + Rubber	-5°/15°



**“MC” WITH SINGLE RUBBER SCRAPING EDGE**  
In “Neoprene” with bi-shore structure, it’s attached directly to the blade; it fits perfectly to the road profile disconnections, produces no noise and is ideal for soft or wet snow.



**“MN” WITH RUBBER SCRAPING EDGE AND A SECOND STAINLESS SCRAPING EDGE WITH HYDRAULIC ENTERING**  
You can choose at any time whether to work with the rubber scraping edge or the steel one, depending on the snow and road conditions. This version is suitable for every application, thanks to the integration of both scraping edges.



BMU\_M\_EN\_rev03-06/2020 - The technical data and pictures are indicative and not binding.



Snow Plough



- Adjustable castor wheels**  
Fitted on request, they are used to adjust the scraping edge height from the ground.
- Side fenders**  
On request, they prevent the blade from sticking into obstacles at the road side.
- Parking supporting feet**  
On request, they are in steel tubular for the implement parking; also available in a version with wheels.
- Safety locking devices**  
On the lifting cylinder, in accordance with the safety regulations (CE). On request also available on the rotation.

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**Polyx M**  
Ployethylene Snow Ploughs

# Polyx M

## Ployethylene Snow Ploughs

Single-section heavy plough M, with HD polyethylene shield and a high yield point steel structure. The Polyethylene bolted to the structure is free from corrosion. Thanks to a minor adhesion of snow on this material, it allows for a better snow evacuation and a reduction of the vehicle effort. Suitable for clearing snow from highways, airports and fast or trunk roads.

Engineered for any environmental condition, it can have steel or rubber scraping edges or both of them, and a positive or negative angle of attack, depending on the snow conditions.

	M_32	M_34	M_36	M_38	M_40	M_42	M_45	
Scraping edge length (min/max)	3200	3400	3600	3800	4000	4200	4500	mm
Working width at 30° (min/max)	2775	2950	3125	3295	3470	3645	3905	mm
Minimum width for narrow passages at 30°	2850	3025	3200	3370	3545	3720	3980	mm
Max right-left rotation angle	32	32	32	32	32	32	32	°

### MC with rubber scraping edge

Weight of basal version "MC"	795	810	825	840	855	870	900	Kg
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### MN with double rubber and steel scraping edges

Weight of basal version "MN"	940	970	1000	1030	1070	1100	1150	Kg
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**Led clearance lights**  
Resistant to vibrations and external agents.

**Nitrogen accumulator**  
In the hydraulic circuit of the double steel scraping edge, it allows it to rotate back and absorb shocks.

**Steel structure**  
High tension steel.

**Shield in polyethylene**  
At high density.

**Oscillation**  
A central oscillation system allows the plough to follow the road profile (+/-7°).

**Rotation**  
Rotation angle from +30° to -30°

**Blade curvature**  
The special profile perfectly discharges even large amounts of snow.

**Supporting feet**  
With mechanical height adjustment.

**Rotation hydraulic pistons and by-pass valve**  
In the rotation hydraulic circuit it ensures an effective shock absorption against side impacts.

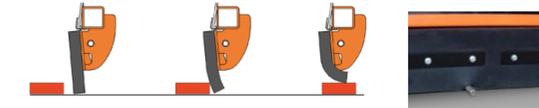
**Neoprene scraping edge**  
For soft or damp snows.

**Hydromechanic accumulator**  
On request, in the lifting circuit, it allows to adjust the pressure on the road surface, in order to avoid an excessive wear of the polyurethane scraping edge.

**Rapid attachment plate to vehicle**  
Available in standard EU15432 version F1 or F2, DIN760060 or SETRA.

**Steel scraping edge**  
On request, two hydraulic pistons enable the steel scraping edge insertion, thus allowing to alternate it to the neoprene one.

**Obstacle overcoming system with rubber scraping edge**  
The elasticity of the Neoprene scraping edge enables its deformation in case of impacts against fixed obstacles, thus allowing an easy obstacle overcoming and its immediate return to the working position, without any rebound.



**Obstacle overcoming system with stainless scraping edge**  
Each element is connected to a shock absorber system with spiral springs which allows to perform a rotation movement backwards in the case of impacts against fixed obstacles, thus enabling their overcoming.



**Auxiliary spotlight kit**

Available on request, in compliance with current traffic regulations, they back-up the vehicle lights and are adjustable.



**Electro-hydraulic control unit**

It can be installed on request on the plough mounting plate.



**3 point connection**

For farm tractors available in Cat. 2 and 3.



**Rubber splash guard**

It limits snow splashes on the vehicle windscreen.



**Lateral edges**

Available on request, in plastic material, they are ideal for clearing near new-jersey barriers and helping the snow discharge.



**Protection edges in steel**

On request at the two plough sides, they protect the polyethylene shield from impacts and wear.



**Duplicator valve**

On request, it allows to split a hydraulic control, thus enabling to perform alternately two movements from a single hydraulic line. Tripling version also available.



**Splash guard**

On request, with hydraulic regulation, it allows to direct the snow discharging.

