



Drive

12V

Spreading width


0.8–6 m

Metal parts

Stainless steel

IP rating

IP67

Screw conveyor

Grit up to 6 mm

Capacity

1,000 kg max.



Videos



220 l (M)



380 l (L)



550 l (XL)

SNOW MACHINERY

POLAROS® M/L/XL

Our powerful 12 V spreaders for professional winter service for efficiently dispensing salt, grit, and sand over a large area.

HIGH CAPACITY. OPTIMUM RANGE. PERFECT CONTROL – POLARO® M/L/XL

POLARO® M, L and XL are “salt spreaders” that are also ideal for spreading grit, sand or fertilizer over large areas and in fine doses. Your vehicle does not need a hydraulic drive or cardan shaft. Simply mount the gritter on a vehicle with a loading bed, 12 V socket, and a sufficient payload, and off you go! The dimensions of the POLARO® M make it ideal for mounting on sweepers, for example. If you only want to spread sand and grit, we offer a reinforced auger drive as an option. Whatever your spreading material, you can infinitely adjust the spreading width and rate directly on the control panel, and conveniently change the settings while on the move.

Perfectly equipped for winter:

- Infinitely adjustable working width 0.8 – 6.0 m
- Control console for easy, user-friendly control of all functions from the driver's seat (as standard)
- Stepless adjustment of the spreading dosage
- Polyurethane hopper with screw conveyor and vibrator with automatic start-up, for a constant material flow
- All metal parts are of stainless steel as standard
- Water-tight cables and gear motors (IP67)
- A transformer is required for 24V operation




Even more capacity with the (X)XL extension:

POLARO® L and XL can be equipped with a hopper extension, which increases the capacity of e.g. gritting salt on the POLARO® L to approx. 750 kg and on the POLARO® XL to approx. 1,000 kg.



For further information visit: www.lehner.eu

POLARO® M/L/XL TECHNICAL DATA

			
Hopper capacity (litres)	220 l	380 l	550 l
Dimensions (LxWxH)	1,562x1,112x1,245 mm	1,602x1,200x1,311 mm	1,964x1,200x1,311 mm
Weight	140 kg	140 kg	155 kg
Capacity, salt	approx. 290 kg	approx. 500 kg	approx. 720 kg
Spreading area at 20 g/m ²	approx. 14,500 m ²	approx. 25,000 m ²	approx. 36,000 m ²
Control cable / power supply	5 m / 3 m + 6 m, cross section 4.0 mm ²		
Motor power	Spreading disc: max. 100W / Conveyor: max. 250W		
Operating / storage temperature	-10 to +70°C / -30 to +70°C		
IP rating	IP67		



■ Pickup truck with the POLARO® XL and hopper extension for the max. quantity of spreading material

OPTIONAL
AUTO-DOSIS



User-friendly operation with the POLARO® M/L/XL control panel

As well as infinitely adjusting the speed of the spreading disc to set the working width, you can also control all other functions centrally via the control panel, such as:

- Altering the screw speed to control the discharge rate, and boost function for briefly discharging larger quantities of spreading material when necessary (ice formation)
- Three memory keys (P1–3) for individual settings
- Automatic breakaway for screw conveyor
- Empty warning, residue emptying, service prompts, etc.

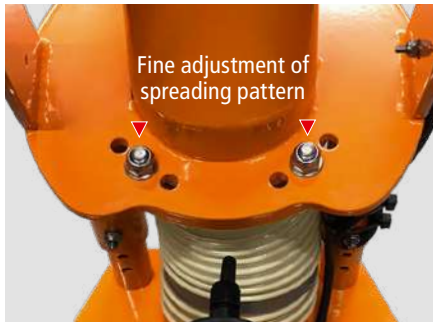


The materials are also streets ahead

All materials are designed for the particular challenges of winter work. So not only are all metal parts of stainless steel as standard, but all cables and the individual gear motors are resistant to the ingress of dust and water (IP67).

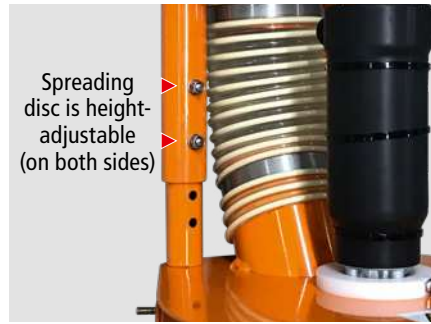
The hopper is made of temperature-resistant polyurethane that is completely impermeable to air and water, damps vibrations, and resists embrittlement.

Further equipment features of the POLARO® M/L/XL:



Adjustable spreading pattern

The spreading disc can be manually positioned slightly more to the left or right, using two set screws. This way, material can be dispensed directly onto the neighbouring pavement or cycle path, for example, in parallel with gritting the road.



Height-adjustable spreading disc

To achieve the desired results regardless of carrier vehicle, the discharge height of the spreading disc (recommended: 0.40 – 0.80m from the road surface) can be adjusted in the blink of an eye to suit different types of vehicle.



Vibrator with automatic start-up

The screw conveyor transports the material from the hopper to the spreader. If the flow is blocked, the vibrator – provided as standard – starts up automatically, breaking up the material in the hopper when necessary, so that it can continue to flow.

ACCESSORIES

You can find further information and accessories for the POLARO® M/L/XL at www.lehner.eu



LED work light with 1,000 lumens light output, break-proof spreading disc and cast aluminium housing.



LED rotating beacon light "Crystal" with huge light output, while consuming very little electricity.



Lashing straps – 3 m with ratchet and hook or 4 m with ratchet for securing the POLARO® M/L/XL to the loading bed.



AccoSat GPS receiver speed sensor using DGPS and a 3D accelerometer.



Splash guard for self-assembly with a height of 90 cm and double hollow seam top/bottom (can be ordered quantity in meter).



Support feet (height-adjustable) as a convenient parking aid or manual lifting platform for your empty POLARO® M/L/XL.



Reversing camera set – 7-inch digital TFT LCD monitor with removable sun visor, receiver, and 120° camera.



Forklift shoes (2x) for transporting and depositing the spreader.



LEHNER®
Streuen & Dosieren mit 12 Volt