Made in Germany

LEHNER®
Streuen & Dosieren mit 12 Volt

www.lehner.eu

Drive
12 V

Spreading width
0.8–6 m

Metal parts
stainless steel (1.4301)

IP rating
IP67

Screw conveyor
Grit up to 6 mm

Capacity
1,000 kg max.





SNOW MACHINERY

POLARO® 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® L/XL

The POLARO® L and POLARO® XL gritters are ideal for finely dosed dispensing of grit, salt and sand, and fertiliser over large areas. 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! If you wish to use the machine only for grit and sand, please state this in your order, and we will then install a reinforced screw conveyor. 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 (up to 12 m as an option)
- 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 non-rusting stainless steel as standard
- Water-tight cables and gear motors (IP67)
- A transformer is required for 24 V operation

Even more capacity with the (X)XL extension:

For an additional payment, both POLARO® models are available with a hopper extension, which increases its capacity, e.g. for gritting salt, to approx. 750 kg on the POLARO® L and approx. 1,000 kg on the POLARO® XL.

For further information visit: **www.lehner.eu**

POLARO® L/XL

TECHNICAL DATA





Hopper capacity (litres)	**380 l**	**550 l**
Dimensions (L x W x H) in mm	1,037 x 1,056 x 820	1,394 x 1,056 x 820
Weight	140 kg	155 kg
Capacity, salt	approx. 500 kg	approx. 720 kg
Spreading area at 20 g/m²	approx. 25,000 m²	approx. 36,000 m²
Control cable / power supply	5 m / 3 m + 6 m, cross section 4.0 mm²	
Motor power	Spreading disc: max. 100 W / Conveyor: max. 250 W	
Operating temp. / storage temp.	-10 to +70 °C / -30 to +70 °C	
IP rating	IP67	

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

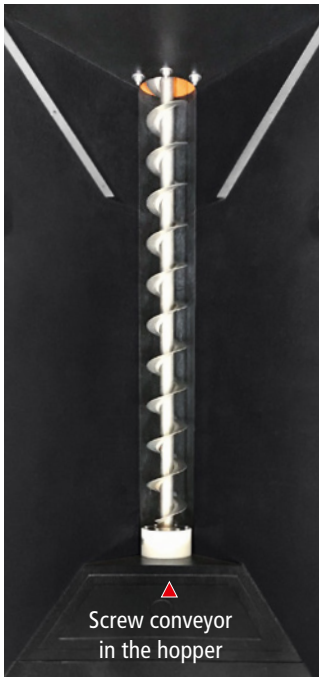
OPTIONAL
AUTO-DOSIS



User-friendly operation with the POLARO® 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.



Screw conveyor in the hopper

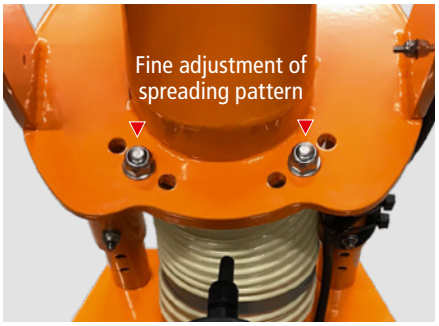
The materials are also streets ahead

All materials are designed for the particular challenges of winter work. So not only are all metal parts of non-rusting 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.

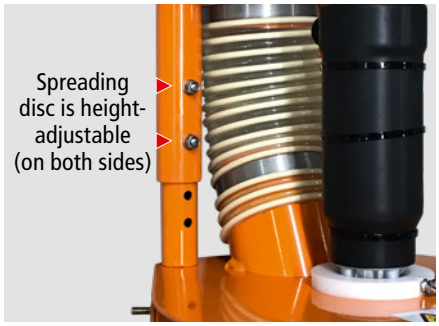
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Further equipment features of the POLARO® L/XL:



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 – 0.80 m 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® 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® L/XL to the loading bed.



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



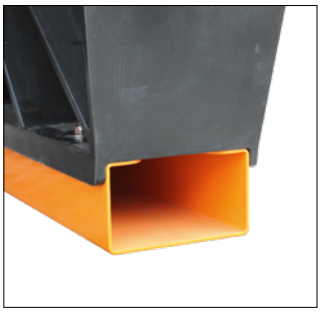
Spreading disc motor for larger working widths with 1,200 rpm for spreading widths of approx. 12 m for salt and 18 m for fertiliser.



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



Three-point linkage for the POLARO® L (CAT I and CAT II) with four heavy-duty wheels.



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

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LEHNER Maschinenbau GmbH / Häuslesäcker 14 / D-89198 Westerstetten, Germany / Tel.: +49 (0)7348 9596-22
Fax: +49 (0)7348 9596-40 / e-mail: info@lehner.eu / www.lehner.eu