



LEHNER®

Streuen & Dosieren mit 12 Volt

Drive

12V

Spreading width


0.8–6 m

Metal parts

Stainless steel

Configuration

Compliant with the StZVO

Agitator

Grit up to 8 mm

Control panel


LAS4

OPTIONAL

AUTO-DOSIS



SNOW MACHINERY

POLARO® C

The user-friendly, StVZO-compliant 12 V winter maintenance spreader – fitted as standard with electronic metering and a stainless steel hopper for the convenient spreading of road salt, grit, sand or even fertiliser.

POLARO® C – THE METALHEAD WITH COOL FEATURES FOR MAXIMUM EASE OF USE

The POLARO® C combines a high material capacity with a low centre of gravity, making it particularly suitable for wheel loaders, tractors and forklift trucks with the appropriate load capacity. The metal parts and hopper are made of stainless steel. The control panel is, of course, included as standard. What's more, the hopper is equipped with everything you could wish for to make filling it with salt, sand or grit a breeze. Should the 250-litre capacity prove insufficient, the hopper's capacity can be further increased with the appropriate extension.

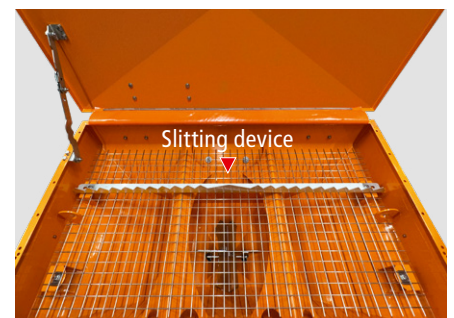
The POLARO® C is packed with features such as:

- Working width: 0.8 – 6.0 m (optionally up to 12 m)
- Complies with the German Road Traffic Licensing Regulations (StVZO): fitted as standard with lighting, warning markings, reflectors and number plate holder
- Hopper including mesh insert and slitting aid, as well as frame, slide and spreading disc, made from stainless steel as standard
- Electronic, infinite adjustment of the spreading dosage
- Operated via LAS4 control panel or LISA app control
- Speed-dependent dosing via AUTO-DOSIS optional with LAS4 control panel, standard with LISA App control
- One-sided spreading manually adjustable on the spreader
- Cables protected in waterproof junction box
- Autostart separates agglomerated spreading material
- Stainless steel agitator with patented agitator system guarantees a continuous flow of free-flowing material
- 24V operation is possible using a transformer
- Optional: The capacity can be increased by a further 125 l or 250 l using container attachments



For further information visit: www.lehner.eu

POLARO® C TECHNICAL DATA



Hopper capacity (litres)	250 l
Dimensions (LxWxH) in mm	1,180x750x1,020
Weight	91 kg
Capacity, salt	approx. 325 kg
Spreading area at 20 g/m ²	approx. 16,250 m ²
Battery cable / control cable	5 m / 6 m
Motor power	Spreading disc: 60 W / Agitator: 150 W
Power consumption	Start-up up to 24 A, normal operation up to 13 A
Operating temp./storage temp.	-10 to +70 °C / -30 to +70 °C

The POLARO® C stainless steel container: clever, safe and convenient

Thanks to the large filling opening and the lockable stainless steel lid, the container is easy to fill. The mesh insert allows for the convenient placement and slitting of grit bags and ensures that only free-flowing material enters the container. This reliably prevents blockages and mechanical damage.



■ The POLARO® C comes as standard from the factory with all the markings and lighting elements required by the StVZO and DIN 30710.



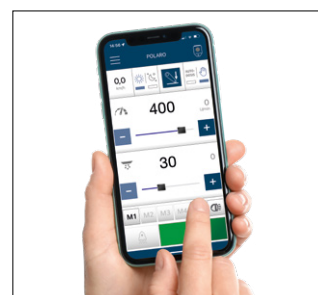
Patented agitator system:

The stainless steel agitator with patented LEHNER agitator system keeps the material flowing freely. This helps to prevent the contents from compressing and ensures a continuous flow of spreading material.



OPTIONAL: Stainless steel trolley

The empty spreader can simply be placed in the recess on the trolley and unhooked. The precisely fitting recess ensures it stands securely and allows for easy transport – even by a single person if required.



Spread with comfort and convenience using the LAS4 control panel or LISA app control – the choice is yours!

As well as setting the working width, all other switching functions are also controlled from the control panel or via the app. These include On/Off, adjusting the valve for the spreading dosage, checking the voltage, setting the empty indicator, etc. What's more, the app and control panel also issue a visual and acoustic warning when the valve is not in position, for example, or the hopper level is down to minimum. With AUTO-DOSIS as standard for speed-dependent dosing, LISA app control offers even greater convenience (see overleaf).

Speed-dependent dosing with AUTO-DOSIS



The menu of the AUTO-DOSIS control unit contains spreading charts from the manufacturer. If necessary, the manufacturer can install further spreading charts (if available).

After you have entered the desired parameters, the AUTO-DOSIS (optional with the LAS4 panel, standard with LISA control) automatically reacts to the driving speed – that is, to braking and acceleration as well – and controls the dosing valve accordingly. This keeps the discharge rate (g/m^2) constant all the time.

1. AUTO-DOSIS via 7-pin signal socket

The driving speed is recorded via the 7-pin signal socket on the tractor, and transmitted to the LAS4 control panel. In this version, the signal socket also includes the headland management system.

2. AUTO-DOSIS via GPS receiver

The speed is determined by GPS and transmitted to the LAS4 control panel.

3. AUTO-DOSIS with LISA control as standard

The speed data are determined and processed by the GPS of the LISA control.



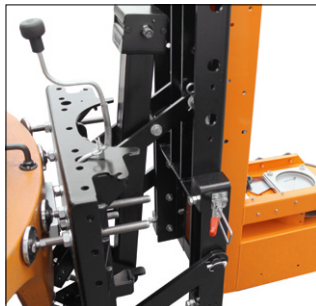
7-pin headland management cable (accessory)



GPS receiver (accessory)

ACCESSOIRE

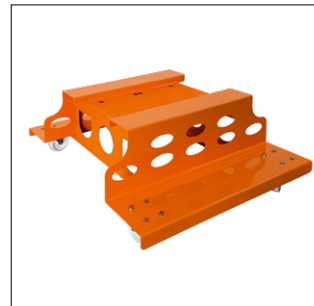
You can find further brackets and special accessories for the POLARO® C at www.lehner.eu



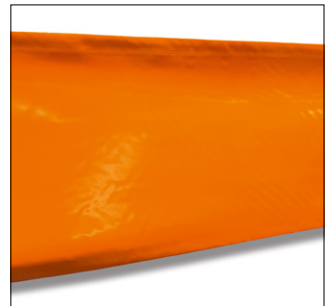
Drawbar coupling holder, lowerable – for easy attachment of the POLARO® C 250 to a wheel loader or forklift truck.



Three-Point-Frame CAT 0, CAT I, CAT II for attaching to the top and bottom links of the hydraulics (front or rear installation).



Stainless steel trolley: For easy movement and fitting of the empty spreader by a single person.



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



Cable connection (plug/socket) – water-tight – for disconnecting the main cable between the spreader and the control panel.



Spreader disc motor for working widths up to approx. 12 m – fitted to the spreader at the factory.



Voltage converter from 24 V to 12 V for carrier vehicles with a power supply of 24 volts or more.



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

