

# LEHNER



12 VOLT  
**POLARÓ**®

The 12 volt spreader to  
distribute de-icing salt,  
grit and sand

# LEHNER

- Continuously variable adjustment of the spreading width from 0.8 – 6 metres
- Operated by a user friendly control panel mounted in cab/next to driver
- Translucent hoppers 70 litre, 105 litre and 170 litre
- Supporting frame, slide and spreading disc manufactured in stainless steel
- Quickly and easily attached to all types of vehicles
- 12 volt operated – suitable for almost every non-specialist vehicle (24 volt adapter)
- Patented slow-moving stirring mechanism prevents “bridging” and ensures constant agitation of the gritting materials
- Adjustable application rates



**POLARO® 100** mounted at rear of large mechanical shovel.



**POLARO® 100** mounted at Off-Road Vehicle



**POLARO® 70** mounted on mini tractor with snow blade.

The powerful 12 volt drive system allows the POLARO® to be attached to most vehicles. Expensive, task specific vehicles are no longer required to spread salt, grit and sand.



**POLARO® 70** mounted on ATV.



**POLARO® 100** mounted on platform truck.

## Technical specifications:

Measures L/B/H	570/485/870 mm	570/485/1050 mm
Weight:	29 kg	38 kg
Volume:	70 ltr.	105 ltr.
Area treated with 20g/m <sup>2</sup>	approx. 4.000 m <sup>2</sup>	approx. 6.000 m <sup>2</sup>
Drive:	12 Volt motor	12 Volt motor
Current consumption:	13 A	13 A
Battery cable:	3 m	5 m
Power cable - control panel:	2 m	2 m
Controller cable:	3 m	6 m

# POLARO

## Efficient agitation in the hopper

A separate, non-overloading, agitator within the hopper ensures the gritting material will freely gravitate towards and through the adjustable measuring slide and on to the revolving spreading disc. Lehner's patented technology guarantees that the agitator will work with most types of easily compactable/damp gritting materials.

**POLARO®** spreaders can be conveniently mounted on any suitable vehicle with 12 volt electrics, i.e. passenger cars, load carrying freight vehicles, all types of tractors, fork-lift vehicles, and ATV's. An adapter is used on 24 volt vehicles.

With the **POLARO®** gritting materials are accurately measured and uniformly spread.

## Total in-cab control

The driver can adjust each of the following functions:

- Spreading disc on/off
- Slide open/close
- RPM of spreading disc.

The application rate/rate of flow can be continuously regulated by adjusting the measuring slide and the spreading width quickly changed from 0.8 metres (footpath) to 6 metres (large open parking areas), by increasing the speed of the distributor plate whilst driving.

## Assembly:

The assembly and installation/ mounting of a Lehner spreader is very straightforward and can be carried out in most workshops.



**POLARO® 100** at platform truck



**POLARO® 170**

700/626/1070 mm
42 kg
170 ltr.
approx. 10.000 m <sup>2</sup>
12 Volt motor
13 A
5 m
2 m
6 m



The rate of flow can be continuously adjusted with the measuring slide.



Operator console for remote control.



# LEHNER

## Accessories

*Spare wheel carrier*



*Three point linkage*



*Pick-Up fixing device*



*Tailboard fixing device*



*Mini Tractor fixing device on request*



*Quad rear fixing device*



**Assembly also at  
fork lift:**

Pliers fixing device for  
mounting when pliers  
exist.

*Pliers fixing device*



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