



Why choose Bucher One He as the **ideal solution** to meet your needs?

Bucher One He is suitable for light vehicles such as small trucks and Unimogs.

The presence of the metal belt, which allows the spreading of all types of material, is a big advantage.

The chain conveyor system, made of stainless steel, is corrosion-free and it has a 37 cm wide crossbars, held together by riveted pins.

The hopper, fully welded to avoid vibrations, is made of AISI304 stainless steel with stiffening ribs and provides a

large loading capacity: from 1.1 to 3.5 m3.

The hopper shape facilitates the perfect flow of material thanks to the sloping and reinforced side walls, which reduce the risk of blocks or bridges forming inside the hopper.

One H range salt spreaders are known for their outstanding reliability, high level of product quality and excellent price-to-performance ratio.

The high quality and the use of well-tested components are further proof of the technical

skills that characterise our machines.

**100% free of polluting gas emissions (CO2 and NOx) and noise** otherwise caused by endothermic traction or auxiliary engines.

**100% eco-friendly**, through the complete elimination of hydraulic filters, pipes or oil disposal; there are no pollutants to be disposed of during the entire life cycle of the unit

**75% more efficient in energy consumption** than conventional hydraulic systems.

## Bucher Municipal

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At Bucher Municipal we design innovative solutions for cleaning and winter maintenance and help our customers to grow and make their work more efficient and profitable. With over 200 years in the business, we are committed to helping you accomplish more with less. We are proud to be considered a reliable partner and work at local level with you to create a smarter, cleaner and more efficient future.



● Bucher Municipal locations  
● Distribution Partners

Driven by better



BMU SpA ONE H - Rev01 - 06/2023  
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**BUCHER**  
municipal

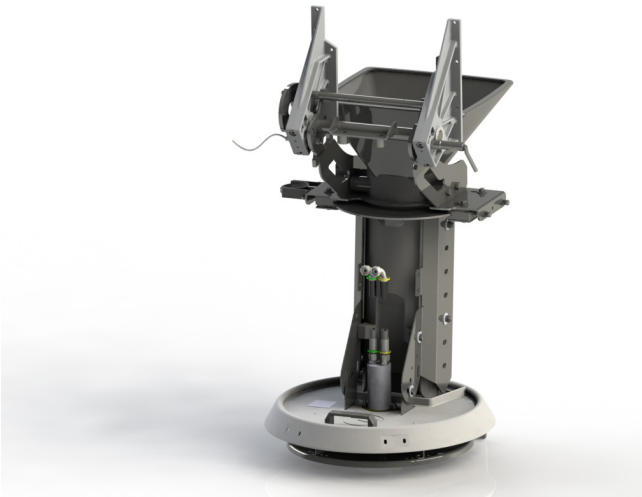
# One He

## The electric spreader for light trucks





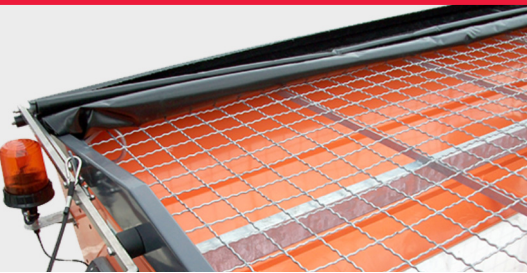
**Electrically driven system**  
Bucher One He is powered directly by the vehicle alternator on which the salt spreader is mounted. The energy consumption of the spreader can vary depending on the configuration: with integrated pre-wetting system is 30 A, without is 25 A. It is additionally equipped with its own lead-acid buffer battery with a capacity of 100 Ah. The spreader's integrated electronics maintain and distribute the charge between the spreader and vehicle batteries.



**Spreading system**  
The spreading unit consists of a disc with a diameter of 470 mm. All metal parts are made of AISI304 stainless steel, except for the conveyor which is made of polyethylene. Equipped with asymmetry adjustment in five different positions, it can spread material up to 8 m wide. During unloading operations, the spreading unit can be easily lifted and tipped; a sensor ensures automatic locking of the disc if it is lifted.

|                         | HO111e | HO116e | HO213e | HO221e |      |
|-------------------------|--------|--------|--------|--------|------|
| Load length             | 2560   | 2560   | 3060   | 3060   | mm   |
| Hopper capacity         | 1,1    | 1,6    | 1,3    | 2,1*   | m3   |
| Tanks capacity          | 530    | 530    | 850    | 850    | l    |
| Min/max spreading width | 2+8    | 2+8    | 2+8    | 2+8    | m    |
| Salt spreading dosage   | 5+40   | 5+40   | 5+40   | 5+40   | g/m2 |
| Sand spreading dosage   | 10+350 | 10+350 | 10+350 | 10+350 | g/m2 |

\*Hopper capacity of 3.5 m3 can be reached by adding raises.



**PVC Tarpaulin cover and protective grid**  
Manual PVC hopper cover with a hook and eye closure under which there is a galvanised protective grid with a mesh size of 80 x 80 mm.



**Demounting system (option)**  
Demounting system available with manual mechanical legs with crank lift/lower movement (P1). Also available as demounting system for skip-loaders and sled with hook-lift.



**Pre-wetting system (option)**  
Through the control box it is possible to vary the ratio between solid and liquid, allowing greater flexibility and professional use of the salt solution. A volumetric control is used, depending on the rotation speed of the pump, so that the exact quantity of liquid material required is always available. The tanks are manufactured by the process of rotational moulding in polyethylene (100% recyclable), which guarantees a higher product strength due to the absence of welds.



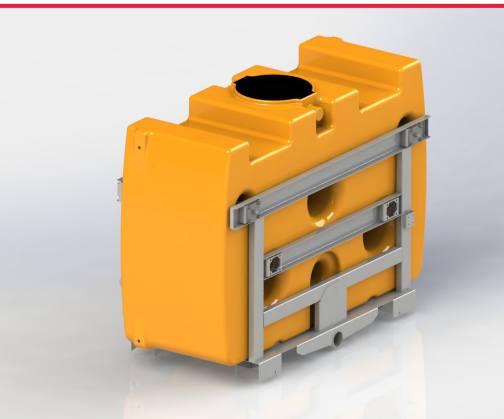
**Asymmetry**  
Electrical adjustment of spreading asymmetry with 0.5 m resolution:

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The system can be easily operated from the driver's cab, with the possibility of manual adjustments in case of emergency.



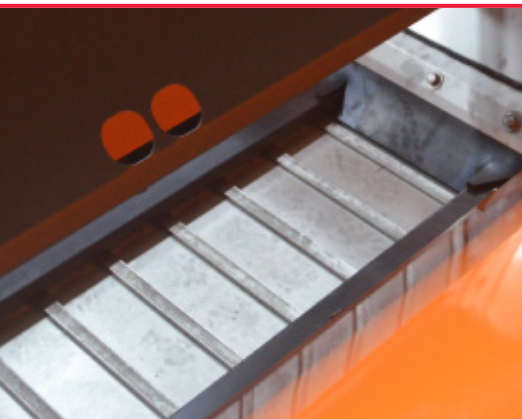
**Ecosat Pro control box (option)**  
Electronic control system for adjusting spreading parameters and automatic spreading.



**Auxiliary tank (option)**  
Made of polyethylene (100% recyclable), it increases the brine capacity by a further 500 litres.



**Electric engine**  
All operations are driven by electric engines, especially designed to meet winter road maintenance.



**Chain conveyor system**  
Made up of AISI304 stainless steel crossbars with a width of 37 cm.



**Rear ladder (option)**  
Rear right-hand side safety access ladder in AISI304 stainless steel.



**Salt missing sensor (option)**  
Mechanical sensor that indicates the lack of material flowing out of the disc on the in-cab control box.