

What benefits does using **sprayer** equipment provide?

Designed for heavy trucks, the Bucher Briner sprayer is ideal in terms of performance, reliability and precision for spraying liquid chlorides and solutions thanks to innovative technology. Thanks to its experience, Bucher Municipal has developed this equipment with reference to all road, motorway and airport contexts.

The special feature of Bucher Briner lies in the special type of "triangular" spraying by nozzles to achieve total coverage of the surface, even in extreme situations such as snow-covered or icy roads. This solution ensures the best coverage in any covering condition.

Research and commitment in designing a high-performance machine culminated to the creation of cutting-edge technology capable of ensuring a mechanical rather than a chemical action to tackle snow-covered surfaces thanks to the vertical spray of the liquid solution under pressure.

Bucher Briner ensures less dispersion and more coverage of the road surface in all conditions.

Bucher Municipal

Giletta SpA
Via A. De Gasperi, 1
I-12036 Revello (CN)
tel. +39 0175 258 800
info.it@buchermunicipal.com
www.buchermunicipal.it

Bucher Municipal designs innovative solutions for winter cleaning and maintenance, thereby helping our customers grow and improve the efficiency and profitability of their work. Boasting more than 200 years of history, we are committed to helping you achieve more with less. We are proud to be seen as a reliable partner and work today on a local scale to build a smarter, cleaner and more efficient tomorrow together with you.



● Bucher Municipal locations
● Distribution Partners

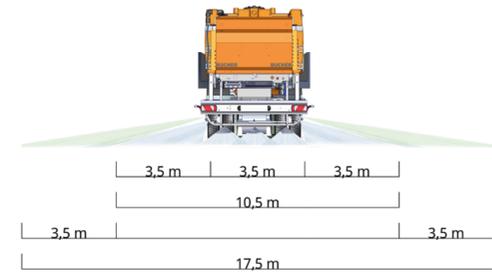
Driven by better



BMU SpA, Bucher Briner, rev.01 - 08/2023
Technical data and pictures are indicative and not binding.

Briner Sprayers for brine spreading





Spray width

Fitted with three spray nozzle bars with twenty-seven nozzles controlled by solenoids that adjust spraying to achieve a maximum width of 34.4 ft. To ensure even more comfortable use, the spraying pattern is symmetrical/asymmetrical in 11.5 ft steps.

Fitting six optional nozzles (three on the right and three on the left) achieves a maximum spray width of 57.4 ft.

A/ID HYDRAULIC DRIVE VERSION

	NB360	NB380	NB4100	NB5120	NB6140	NB3100	NB4125	NB5150	NB6175	
Min. loading length (recommended +150 mm)	9.6	12.1	14.8	17.4	20	12.1	14.8	17.4	20	ft
Total length	12.8	15.4	18	20.7	23.3	15.4	18	20.7	23.3	ft
Max height	5.6	5.6	5.6	5.6	5.6	6.7	6.7	6.7	6.7	ft
Total capacity	1585	2113.4	2641.7	3170.1	3698.4	2641.7	3302.1	3962.6	4623	gal
Standard spray width	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	11.5-23 - 34.4	ft
Solution dosing capacity	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	lb/ lane/ mile

A/DW VERSION DRIVEN BY AUXILIARY DIESEL ENGINE

	NB360	NB380	NB4100	NB5120	NB6140	NB3100	NB4125	NB5150	NB6175	
Min. loading length (recommended +150 mm)	9.6	12.1	14.8	17.4	20	12.1	14.8	17.4	20	ft
Total length	12.8	15.4	18	20.7	23.3	15.4	18	20.7	23.3	ft
Max height	5.6	5.6	5.6	5.6	5.6	6.7	6.7	6.7	6.7	ft
Total capacity	1585	2113.4	2641.7	3170.1	3698.4	2641.7	3302.1	3962.6	4623	gal
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Solution dosing capacity	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	186.4 ÷ 869.7	lb/ lane/ mile



Spray nozzle bars with height adjustment

Rear-positioned nozzle bars are forged from stainless steel to be resistant to the high-salinity environments to which they are exposed. Built-in nozzle bar height adjustment.



Ecosat control system

Microprocessor tachometer control system with maximum programming flexibility and display of the various spreading parameters: width, asymmetry and dosage in relation to vehicle speed.



Modular tanks

Made of recyclable polyethylene and connected to each other to create a solid structure that also retains flexibility such so that it can be mounted on the vehicle chassis without affecting its elasticity.



Ladder (optional)

Folding rear access ladder for easy access to electrical and hydraulic compartments.



Technical compartment

Rear bonnet in high-strength steel to protect the technical compartment (pump, valves, electrical/electronic components and auxiliary engine, if present). The technical compartment is opened using gas-operated springs.



Positioning systems

Positioning with crank-operated galvanized telescopic feet. Raised front feet for easy loading on vehicles equipped with siderails (see photo). Optional rapid positioning systems using rollers and retractable feet for the tipper or demountable slide complete with protective tank for the vehicle flatbed and height-adjustable rear rollers.



Manhole

The 17.9 in diameter for inspections or maintenance ensures excellent performance and reduces the need for replacement and management overheads.

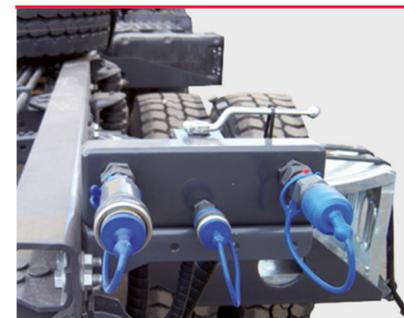
Modular tanks

Modular tanks in recyclable polyethylene and connected to each other to create a solid structure that also retains flexibility such so that it can be mounted on the vehicle chassis without affecting its elasticity. The low centre of gravity and the flow breakers inside the individual tanks ensure safe driving in all load conditions, even on uneven paving.



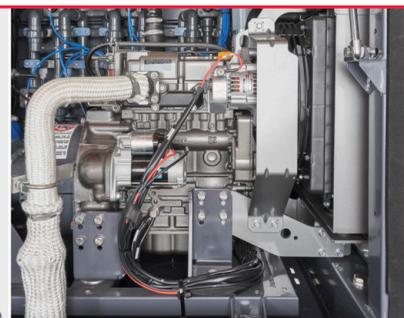
Nozzles

The brine is spread on the ground through 3 nozzle bars each fitted with 9 nozzles entirely in stainless steel controlled by pneumatic valves. Machine operations are managed automatically based on the parameters set on the control panel.



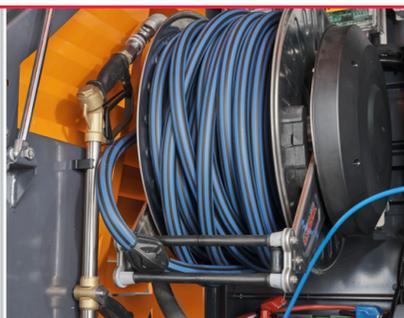
Hydraulic drive

Operated by the vehicle's hydraulic system whose features must comply with European EN15431 standards.



Auxiliary engine

Driven by liquid-cooled 2-cylinder diesel engine.



Auxiliary lance (optional)

Possibility of hose reel with lance system (flow rate 4 gal/min). Alternative high pressure system (flow rate 4 gal/min, pressure 150 bar).



Filling valve

Butterfly inlet valve with PVC duct. The solution can be discharged by gravity through the same valve.



Hydrant valve

The rear side of the technical compartment is fitted with a hydrant connection valve protected by a metal clamp.



"Overfull" discharge

Safety system for overflow draining to avoid excessive tank filling.