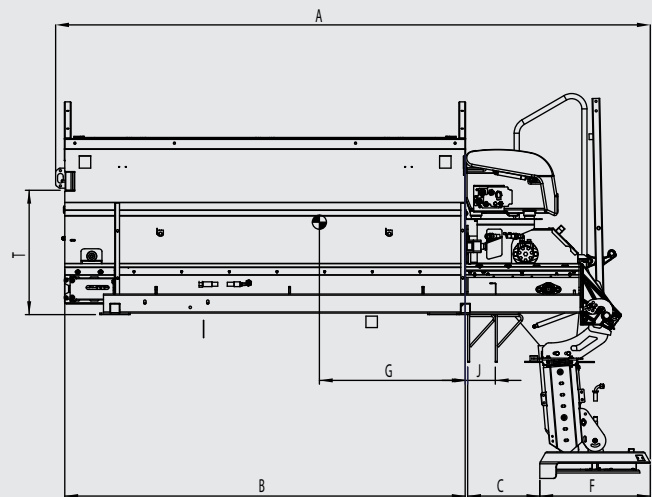
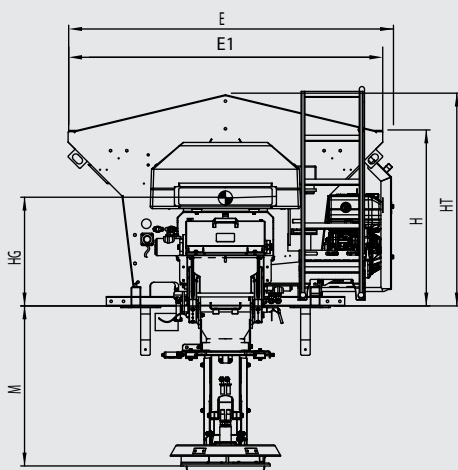


Bucher One H

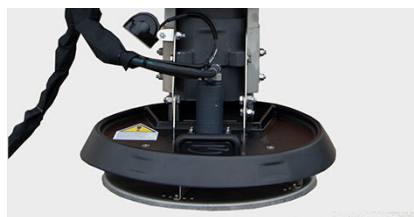


Key Features



Hopper in AISI 304 stainless steel

Bucher One H series salt spreaders are built exclusively with stainless steel to ensure a highly reliable and long-lasting product.



"Light" spreading unit

Five models are available for different platform heights of the vehicles where Bucher One H units will be mounted. The flatbed height measurements compatible with Light unit range from 870 mm to 1860 mm



Chain extraction system

In AISI 304 stainless steel metal strip with cross bars. The chain is driven by toothed sprockets which ensure constant traction without slipping.

Bucher One H

Technical data - hydraulically-operated Bucher Briner One H

| | | HO111 | HO116 | HO213 | HO221 | |
|----|---|-------|-------|-------|-------|----------------|
| B | Min. loading length (recommended +150 mm) | 1650 | 1650 | 2150 | 2150 | mm |
| A | Total length | 2560 | 2560 | 3060 | 3060 | mm |
| E | Width at the hopper | 1650 | 1650 | 1650 | 1650 | mm |
| E1 | Width at tanks | 1650 | 1650 | 1650 | 1650 | mm |
| H | Hopper height | 920 | 1115 | 920 | 1115 | mm |
| HT | Roof height | 1115 | 1315 | 1115 | 1315 | mm |
| | Capacity of hopper | 1.1 | 1.6 | 1.3 | 2.1 | m ³ |
| | Capacity of tanks | 530 | 530 | 850 | 850 | l |
| | % humification | 0÷30 | 0÷30 | 0÷30 | 0÷30 | % |
| G | No-load centre of gravity | 480 | 480 | 640 | 640 | mm |
| G2 | Loaded centre of gravity | 800 | 800 | 1050 | 1050 | mm |
| | No-load spreader weight | 380 | 400 | 410 | 430 | kg |
| | OPT U1 humidifier weight | 60 | 60 | 70 | 70 | kg |

Technical data and images are indicative and not binding.
 Reference technical standards: Directive 2006/42/CE (CE mark) and UNI EN 13021

Technical notes for mounting on vehicles

- For hydraulically operated spreaders, the vehicle must be equipped with a hydraulic system capable of continuously supplying at least 25 l/min - 200 bar.
- Tachometric signal available in the cab for tachometric dependence dosing.
- 24V power socket available in the cab for control panel power supply.



Control box (optional)
 Electronic control system for setting spreading parameters with Ecosat or EcoTron versions.



Auxiliary engine (optional)
 Driven by an auxiliary diesel or petrol engine; can be installed on the side or at the front.



Hydraulic drive
 Driven by the vehicle's hydraulic system and compliant with the EN15431 European standard.

Technical data - Bucher Briner One H driven by a front auxiliary engine

| | | HO111 | HO116 | HO213 | HO221 | |
|----|---|-------|-------|-------|-------|----------------|
| B | Min. loading length (recommended +150 mm) | 2170 | 2170 | 2670 | 2670 | mm |
| A | Total length | 3020 | 3020 | 3520 | 3520 | mm |
| E | Width at the hopper | 1650 | 1650 | 1650 | 1650 | mm |
| E1 | Width at tanks | 1650 | 1650 | 1650 | 1650 | mm |
| H | Hopper height | 920 | 1115 | 920 | 1115 | mm |
| HT | Roof height | 1115 | 1315 | 1115 | 1315 | mm |
| | Capacity of hopper | 1.1 | 1.6 | 1.3 | 2.1 | m ³ |
| | Capacity of tanks | 530 | 530 | 850 | 850 | l |
| | % humification | 0÷30 | 0÷30 | 0÷30 | 0÷30 | % |
| G | No-load centre of gravity | 530 | 530 | 700 | 700 | mm |
| G2 | Loaded centre of gravity | 800 | 800 | 1050 | 1050 | mm |
| | No-load spreader weight | 470 | 490 | 500 | 520 | kg |
| | OPT U1 humidifier weight | 60 | 60 | 70 | 70 | kg |

Technical data and images are indicative and not binding.

Reference technical standards: Directive 2006/42/CE (CE mark) and UNI EN 13021

Technical data - Bucher Briner One H driven by a side-mounted auxiliary engine

| | | HO111 | HO116 | HO213 | HO221 | |
|----|---|-------|-------|-------|-------|----------------|
| B | Min. loading length (recommended +150 mm) | 1650 | 1650 | 2150 | 2150 | mm |
| A | Total length | 2560 | 2560 | 3060 | 3060 | mm |
| E | Width at the hopper | 1650 | 1650 | 1650 | 1650 | mm |
| E1 | Width at tanks | 1650 | 1650 | 1650 | 1650 | mm |
| H | Hopper height | 920 | 1115 | 920 | 1115 | mm |
| HT | Roof height | 1115 | 1315 | 1115 | 1315 | mm |
| | Capacity of hopper | 1.1 | 1.6 | 1.3 | 2.1 | m ³ |
| G | No-load centre of gravity | 500 | 500 | 680 | 680 | mm |
| G2 | Loaded centre of gravity | 800 | 800 | 1050 | 1050 | mm |
| | No-load spreader weight | 470 | 490 | 500 | 520 | kg |
| | OPT U1 humidifier weight | 60 | 60 | 70 | 70 | kg |

Technical data and images are indicative and not binding.

Reference technical standards: Directive 2006/42/CE (CE mark) and UNI EN 13021



Asymmetry (optional)

Electrical control of spreading asymmetry in 5 presettable positions.



Ladder

Safety ladder on RH rear side in AISI 304 stainless steel.



Salt sensor (optional)

A mechanical sensor indicating on the control panel in the driver's cab that no salt is coming out of the spreading disc.

Chain extraction system

Comprising stainless steel parallel crosspieces, it allows uniform emptying of the hopper, excellent spreading precision and avoids the bridge effect. All parts of the chain including the platform are in AISI 304 stainless steel.

“Light” spreading unit

The structure and disc are in stainless steel and the conveyor is in polyethylene. The disc diameter is 470 mm and spreading is performed thanks to 6 bolted blades, for a maximum spreading radius of 8 metres. The operator is protected by a sensor that allows disc rotation to be blocked (if it is operating) when the unit is overturned. Manual adjustment of asymmetry in 5 different positions

Spreading data

| | |
|---|-------------------------|
| J - Hopper-stop adjustment from hopper head | 0÷145 mm |
| C - From hopper-stop to spreading unit | 380÷235 mm |
| Spreading width | 2÷8 m |
| Salt spreading dosing | 5÷40 g/m ² |
| Sand spreading dosing | 10÷350 g/m ² |
| Work speed | 5÷60 km/h |

Hopper

In extra-thick stainless steel. Continuous robot welding. The widened base ensures

a lower centre of gravity thereby, making spreading operations safer.

Paintwork

Metal structural components are painted in several stages: SA 2.5 shot blasting; powder primer with 30% galvanized epoxy resin; polyester powder painting, cured at 200 °C. The hydraulic and electrical parts, on the other hand, are treated with Teroson Terotex 3000. This type of painting has obtained certification from an independent laboratory for resistance to more than 2000h exposed to salt spray.

Screen grilles

In galvanized steel with 60x60 mesh. They prevent entry of over-sized material into the hopper.

Lump-breaker chains

The lump-breaker chains, located at the bottom of the conveyor chain, crush blocks of salt to prevent them reaching the spreading unit directly

Auxiliary motor technical data

| | |
|--|--------|
| Maximum auxiliary diesel engine power | 5.5 kW |
| Maximum auxiliary diesel engine torque | 16 Nm |
| Auxiliary diesel engine tank capacity | 4.3 l |
| Maximum auxiliary petrol engine power | 6.6 kW |

| | |
|--|---------|
| Maximum auxiliary petrol engine torque | 19,1 Nm |
|--|---------|

| | |
|---|-----|
| Auxiliary petrol auxiliary engine tank capacity | 6 l |
|---|-----|

| | |
|--|------|
| Auxiliary auxiliary engine oil tank capacity | 28 l |
|--|------|

Main optional weights

| | |
|---------------------------------------|-------|
| OPT L7 rear light repeater bar weight | 25 kg |
|---------------------------------------|-------|

| | |
|--------------------|-------|
| OPT T1 roof weight | 10 kg |
|--------------------|-------|

| | |
|----------------------|-------|
| OPT M5 ladder weight | 20 kg |
|----------------------|-------|

| | |
|-------------|-------|
| Sign weight | 10 kg |
|-------------|-------|

| | |
|----------------|-------|
| Crusher weight | 20 kg |
|----------------|-------|

Optional

- Rear light repeater bar
- Rear ladder
- Roller breaker
- Power supply voltage 24V
- Weight transfer plate

Bucher Municipal



For local contact and support, please scan the QR code or visit

buchermunicipal.com

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