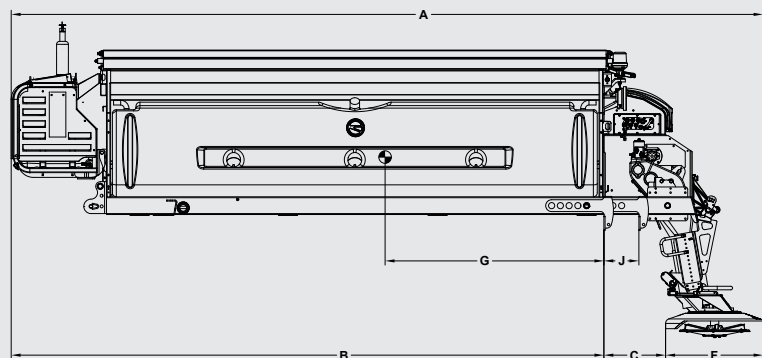
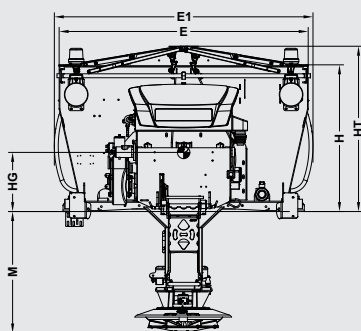
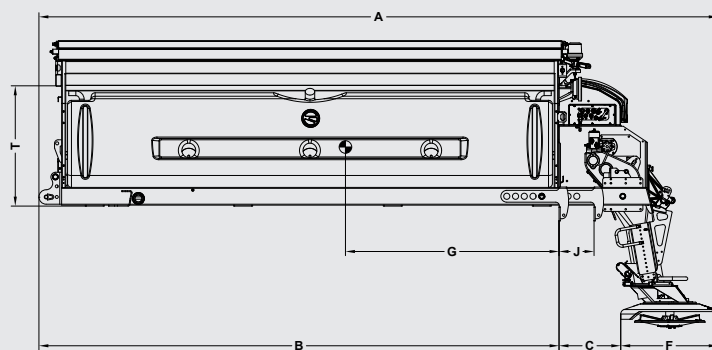
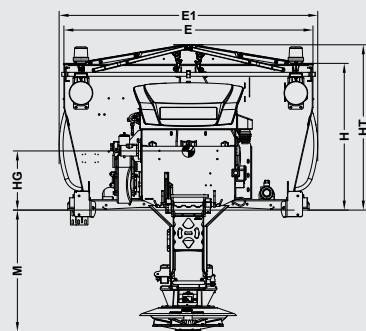


Bucher UniQa H



Key Features



Roller breaker

This allows material to flow continuously from the hopper to the spreading unit, breaking down any lumps and preventing them from dropping in an uncontrolled way.



-Stainless steel pipes

The rear pipes, where possible, are in rigid stainless steel piping to maximize reliability and limit the cost of spare parts over time.



Chain extraction

A metal belt with high strength steel crossbars. Support flatbed always in AISI 430 stainless steel.

Bucher UniQa H

Technical data - hydraulically-operated Bucher Briner UniQa H

		HP340	HP350	HP360	HP370	HP450	HP460	HP470	HP490	HP4110	
B	Min. loading length (recommended +150 mm)	3600	3600	3600	3600	4400	4400	4400	4400	4400	mm
A	Total length	4950	4950	4950	4950	5750	5750	5750	5750	5750	mm
J	Hopper-stop adjustment from hopper head	300	300	300	300	300	300	300	300	300	mm
C	From hopper-stop to spreading unit	550	550	550	550	550	550	550	550	550	mm
E	Width at the hopper	2100	2100	2100	2100	2100	2100	2100	2100	2100	mm
E1	Width at tanks	2200	2200	2200	2200	2200 / 2300	2200 / 2300	2200 / 2300	2200 / 2300	2200 / 2300	mm
H	Hopper height	1250	1350	1500	1650	1250	1350	1500	1650	1800	mm
HT	Roof height	1400	1500	1650	1800	1400	1500	1650	1800	1950	mm
	Capacity of hopper	4	5	6	7	5	6	7,5	9	11	m3
	Capacity of tanks	2270	2270	2270	2270	2600 / 3000	2600 / 3000	2600 / 3000	2600 / 3000	2600 / 3000	l
G	No-load centre of gravity	1470	1470	1470	1470	1800	1800	1800	1800	1800	mm
G2	Loaded centre of gravity	1600	1600	1600	1600	2100	2100	2100	2100	2100	mm
	No-load basic spreader weight	1500	1545	1585	1625	1700	1750	1795	1830	1900	kg
	OPT U1 humidifier weight	170	170	170	170	200	200	200	200	200	kg
	OPT T1 roof weight	40	40	40	40	50	50	50	50	50	kg
	OPT M6 single handrail weight	54	54	54	54	65	65	65	65	65	kg
	OPT M6/DG double handrail weight	94	94	94	94	112	112	112	112	112	kg

Technical data and images are indicative and not binding.

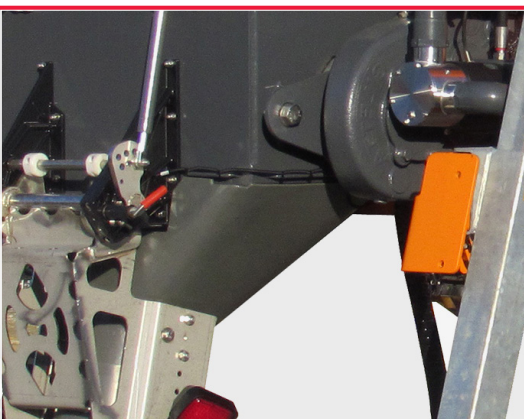
Technical notes for mounting on vehicles

- For hydraulically operated spreaders, the vehicle must be equipped with a hydraulic system capable of continuously supplying at least 45 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.

Reference technical standards:

- DIRECTIVE 2006/42/CE (CE MARK)
- UNI EN 13021



Polyethylene chute

In HD cast moulded polyethylene to allow the salt to flow even at low temperatures; corrosion-free.



Asymmetry (optional)

Electrical control of spreading asymmetry in 5 presettable positions.



Ecosat control

Highly flexible latest generation microprocessor control systems.

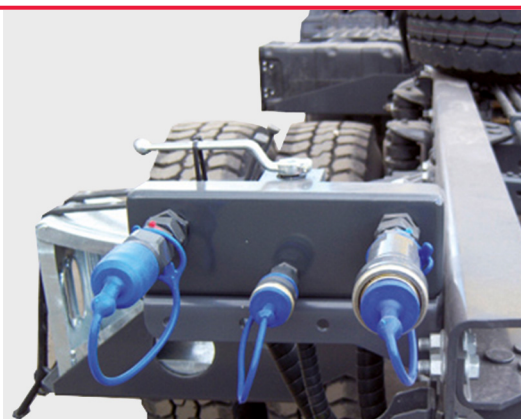
Technical data - auxiliary motor operated Bucher UniQa H

		HP340	HP350	HP360	HP370	HP450	HP460	HP470	HP490	HP4110	
B	Min. loading length (recommended +150 mm)	4250	4250	4250	4250	5050	5050	5050	5050	5050	mm
A	Total length	5600	5600	5600	5600	6400	6400	6400	6400	6400	mm
J	Hopper-stop adjustment from hopper head	300	300	300	300	300	300	300	300	300	mm
C	From hopper-stop to spreading unit	550	550	550	550	550	550	550	550	550	mm
E	Width at the hopper	2100	2100	2100	2100	2100	2100	2100	2100	2100	mm
E1	Width at tanks	2200	2200	2200	2200	2200 / 2300	2200 / 2300	2200 / 2300	2200 / 2300	2200 / 2300	mm
H	Hopper height	1250	1350	1500	1650	1250	1350	1500	1650	1800	mm
HT	Roof height	1400	1500	1650	1800	1400	1500	1650	1800	1950	mm
	Capacity of hopper	4	5	6	7	5	6	7,5	9	11	m3
	Capacity of tanks	2270	2270	2270	2270	2600 / 3000	2600 / 3000	2600 / 3000	2600 / 3000	2600 / 3000	l
G	No-load centre of gravity	1520	1520	1520	1520	1850	1850	1850	1850	1850	mm
G2	Loaded centre of gravity	1600	1600	1600	1600	2100	2100	2100	2100	2100	mm
	No-load basic spreader weight	1925	1970	2010	2050	2125	2175	2220	2255	2325	kg
	OPT U1 humidifier weight	170	170	170	170	200	200	200	200	200	kg
	OPT T1 roof weight	40	40	40	40	50	50	50	50	50	kg
	OPT M6 single handrail weight	54	54	54	54	65	65	65	65	65	kg
	OPT M6/DG double handrail weight	94	94	94	94	112	112	112	112	112	kg

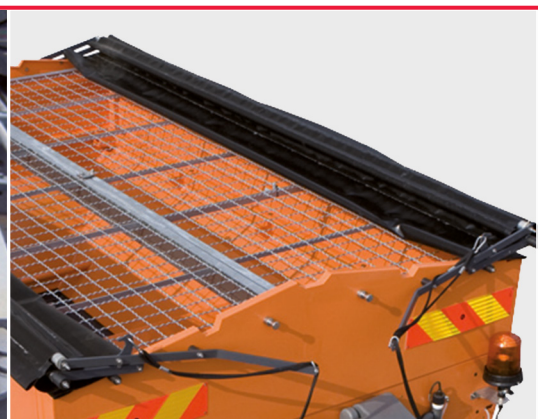
Technical data and images are indicative and not binding.



Auxiliary engine (optional)
Diesel engine drive



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



Protective grid
80 x 80 mm mesh galvanized steel protective grid.

Chain extraction system

It comprises parallel crosspieces in high resistance steel. The flatbed supporting the chain is always in AISI 430 stainless steel to avoid corrosion. Allows uniform emptying of the hopper, excellent spreading precision and avoids the bridge effect.

Spreading unit

All metal parts are in stainless steel; the conveyor are in polyethylene. 600 mm diameter disk in stainless steel for spreading width up to 12 m. Asymmetry can be adjusted electrically in 5 different positions

Spreading data

Spreading width	2÷12 m
Salt spreading dosing	0÷40 g/m ²
Sand spreading dosing	0÷350 g/m ²
Work speed	0÷60 km/h
% humification	0 ÷ 30% / 0 ÷ 100%

Hopper

In extra-thick high strength steel (or stainless steel on request) to avoid deformations arising from the large quantities of loaded material. Continuous welding is performed by robots and the hopper structure is entirely forged without the hopper inserts being bolted during assembly.

Paint

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.

Weight transfer plate

Triangular structure in stainless steel. Allows excellent flow of material and prevents the formation of the bridge effect

Grid

Screening grilles in galvanized steel with 80x80 mesh. They prevent entry of over-sized material into the hopper.

Auxiliary engine data

Auxiliary motor work power	14,8 kW
Maximum auxiliary engine power	16,3 kW
Maximum auxiliary engine torque	48 Nm
Auxiliary diesel engine tank capacity	45 l
Auxiliary auxiliary engine oil tank capacity	86 l

Optional main weight

OPT L7 rear light repeater bar weight	75 kg
OPT M5 ladder weight	35 kg
OPT P3 tipper demounting system weight	125 kg
15 T OPT P3 tipper demounting system weight	390 kg

Optional

- Wetting device
- Sensors
- Folding rear ladder
- Different types of demounting system
- Handrails on left, right or both sides

Bucher Municipal



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

buchermunicipal.com

Driven by better



Bucher Un/Qa H DataSheet Rev01_11/2022
Technical specifications are subject to change without prior notice.
Illustrations may differ from the standard equipment.