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Bucher Municipal has been committed for decades to keep roads, streets and airports free of snow and ice. Our range of high-quality spreaders, snow-ploughs and airport equipment offers municipalities, contractors and airports all around the world solutions for all areas of winter maintenance. Bucher Municipal supplies customer-orientated solutions for an efficient and environment-friendly winter service.

www.buchermunicipal.com

Technical data		W18n	W20n	W14	W16	W18	W20
Container volume, dry medium	m ³	1,8	2,0	1,4	1,6	1,8	2,0
Container volume, brine	l	-	-	600	640	860	860
Container length [L]	mm	1.990	1.990	1.990	2.130	2.350	2.350
Overall length without brine [B]	mm	1.670	1.670	1.870	1.870	2.000	2.000
Overall length with brine [B]	mm	-	-	1.870	1.870	2.000	2.000
C.o.g. without liquid salt, full [SV]	mm	940	950	850	890	980	985
C.o.g. with salt liquid salt, empty [SV]	mm	-	-	925	1.000	1.005	1.010
Container height at sides [HA]	mm	710	750	622	742	700	740
Unladen weight without liquid salt	kg	710	720	650	690	735	765
Unladen weight with liquid salt	kg	-	-	820	800	855	855
Unladen weight, twin cham.	kg	745	755	685	725	770	808
Unladen weight, twin cham./liquid salt	kg	-	-	855	835	890	928
Spread coverage, salt	g/m ²	5-40	5-40	5-40	5-40	5-40	5-40
Spread coverage, grit/sand	g/m ²	10-250	10-250	10-250	10-250	10-250	10-250
Spread coverage, brine	%	-	-	1-30	1-30	1-30	1-30
Spread width	m	2-8	2-8	2-8	2-8	2-8	2-8

Technical data		W20t	W25	W27	W30	W40	W44
Container volume, dry medium	m ³	2,0	2,5	2,7	3,0	4,0	4,4
Container volume, brine	l	840	1.280	1.280	1.280	1.720	1.720
Container length [L]	mm	1.590	2.350	2.350	2.350	2.685	2.685
Overall length without brine [B]	mm	2.300	2.000	2.000	2.000	2.300	2.300
Overall length with brine [B]	mm	2.300	2.000	2.000	2.000	2.300	2.300
C.o.g. without liquid salt, full [SV]	mm	730	990	995	1.000	1.295	1.300
C.o.g. with liquid salt, empty [SV]	mm	755	1.015	1.020	1.025	1.310	1.325
Container height at sides [HA]	mm	855	940	995	1.065	1.135	1.227
Unladen weight without liquid salt	kg	690	786	796	806	1.050	1.090
Unladen weight with liquid salt	kg	810	930	940	950	1.245	1.285
Unladen weight, twin cham.	kg	730	840	853	868	1.150	1.195
Unladen weight, twin cham./ liquid salt	kg	850	984	997	1.012	1.345	1.390
Spread coverage, salt	g/m ²	5-40	5-40	5-40	5-40	5-40	5-40
Spread coverage, grit/sand	g/m ²	10-250	10-250	10-250	10-250	10-250	10-250
Spread coverage, brine	%	1-30	1-30	1-30	1-30	1-30	1-30
Spread width	m	2-8	2-8	2-8	2-8	2-8	2-8



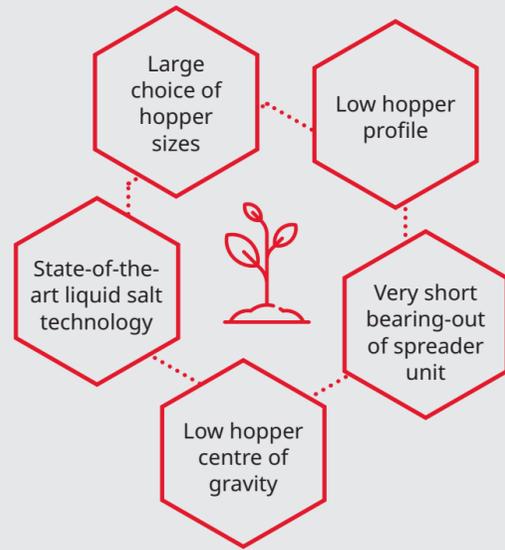
Yeti

with double auger system for
Unimog and medium trucks



Driven by better

Version 01_04/2021 - We reserve the right to make changes with regard to technology and design. The illustrations may contain special and additional equipment that is not part of the standard scope of delivery.



High quality spreaders for **Unimog** and **mid-sized trucks**

The spreaders of the Yeti series have an innovative container design and are available in various hopper sizes. This makes them ideal for mounting on a wide variety of municipal carrier vehicles such as Unimog and trucks. The vehicle-device combination is ideal for professional municipal tasks in urban areas thanks to the optimised weight distribution. The Yeti spreaders are available with hopper sizes from 1.4 m³ to 4.4 m³.

The outstanding double-auger system enables the lowest hopper construction possible. This special construction with two parallel augers offers the user essential benefits. The low sidewall height ensures that the driver has perfect, all round visibility. The low centre of gravity ensures safe driving, even in extreme situations.

Available standard equipment

- Self-supporting hopper construction
- Chain mounting
- Vehicle splash protection
- Mechanical spread pattern adjustment
- Parking legs for unloaded spreader
- Full travel-dependent control via sensors

Available optional equipment

- Supreme coating C5-M
- Infrared camera
- Special vehicle chassis
- Hooking points for crane for unladen spreader
- Stainless steel auger conveyor
- Stainless steel hopper
- Hydraulic demounting system and easy roll-off system (AbRo)



Innovative control technology

EcoSat (optional): Innovative high-end solution with large 7" graphic display and clearly arranged operator menu.

RouteInform (optional): Applied together with EcoSat or EcoTron Plus and external Navicon. Satellite-based data recording and analysis.

EcoTron (optional): The basic solution with 4.3" graphic display for spreading dry material and pure brine.

EcoTron Plus (optional): Upgrade of EcoTron including pre-wetted salt spreading



Liquid salt pump unit (optional)

Consisting of brine pump, XXL filter, 3-way valve and C-connection, stainless steel piping.



Skid unit

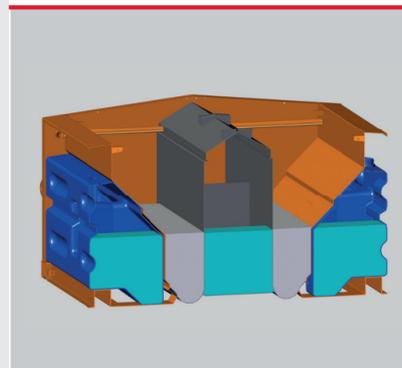
Full stainless steel construction. Height adjustable and damp-proof.

Spreading unit

Consisting of a stainless steel spreader disc with a special plastic cone, highly wear-resistant plastic covering screen.

Fold-up spreading device

For trailer operation in assembled state. Easy operation due to gas spring support.



Internal ECO additional tank for FS 50 spreader (optional)

The FS 50 spreaders with double auger system and FS 50 technology have an additional stainless steel tank installed longitudinally in the spreader hopper.

ECO spreader unit (optional)

Stainless steel spreader disc with a special synthetic cone for exact dosage, cover made of high endurance synthetic. Pure brine is distributed by the ECO FS 100 technology via a standard spreader disc 2-8 m. Widths > 8-12 meters are distributed by the unique BrineStar liquid spreading device.

ESBV - electronic spread pattern adjustment (optional)

With powerful actuator and potentiometer for symmetrical/asymmetrical adjustment of the spreading pattern. Waterproof according to IP 67.

ESK - electronic spread control (optional)

Contactless, infrared technology for monitoring the spreading. The housing is waterproof according to IP 67.

Double chamber version (optional)

The Yeti series is available as double chamber version. Scope of delivery: stainless steel segregation wall, hydraulic block 3-fold, monitoring of both augers.

Dry-run protection

The dry-run protection is part of the optional pre-wetted salt equipment. The pump switches off immediately when the tanks are empty.