



# SPREADERS & DE-ICING SPRAYERS



**HIGH-QUALITY ROAD MAINTENANCE EQUIPMENT**

**MADE IN FINLAND**

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# ICESTRIKER™ SPREADERS



**“You can reduce the salt usage with up to 30% with the optional liquid pre-wet system, and by 75% when using salt brine solution as de-icing method! This is direct savings for you and the environment.”**

# ICESTRIKER™ 1600, 2100 & 2600 COMBI SPREADER



## 12/24V ELECTRIC POLY HOPPER SPREADER, 1600-2600 LITER

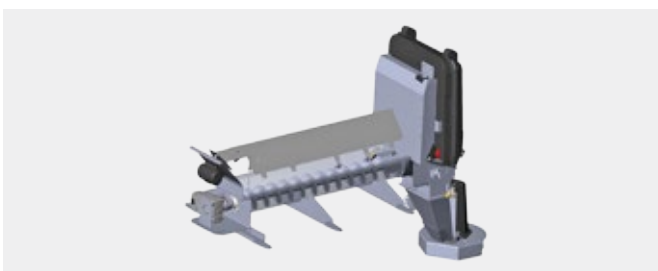


The Hilltip IceStriker™ 1600-2600 is an electric poly hopper spreader designed with a material capacity of 1600, 2100 and 2600 liter, to make your job even more effective and profitable. This spreader includes the same popular features as the smaller models that make the Hilltip IceStriker™ number one in the industry.

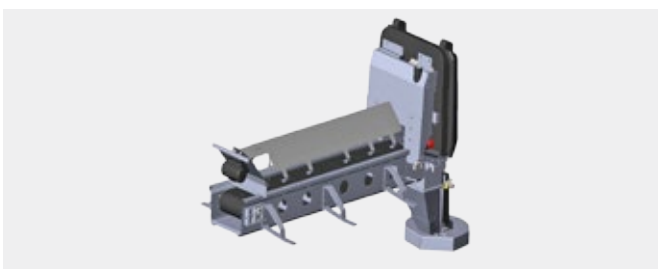
“THE INDUSTRY GAME CHANGER”

## STANDARD FEATURES

- ✓ 12 or 24 volt dual motors, mounted inside a sealed weather-resistant enclosure.
- ✓ Automatic vibrator prevents material from clogging.
- ✓ Controller with automatic GPS speed control adjusts the amount of spreading material ( $\text{g}/\text{m}^2$ ) according to your vehicle speed (see page 23), while manual mode lets you insert a fixed auger/conveyor speed.
- ✓ **Feed mechanism:** Stainless steel auger with **variable pitch** or conveyor belt.
- ✓ Inverted-V helps reduce heavy start-up loads on the feed mechanism.
- ✓ Two-piece tarp mechanism, prevents spill off into truck bed when filling the spreader.
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller.



*Auger drive*



*Belt drive*

# ICESTRIKER™ 1600, 2100 & 2600 COMBI SPREADER



Optional spraybar



IceStriker™ 2100 in the optional color orange

## OPTIONAL FEATURES

- + LED work light
- + Strobe lights
- + Illuminated license plate kit
- + Rear and indicator lights
- + 24V motors and control system
- + Optional color: orange
- + Legstand
- + Adjustable spreading symmetry from inside the cabin.
- + Extended auger/conveyor (+ 60 cm) for optimization of vehicle axle loading.
- + HTrack™ tracking system (see page 24)
- + End of material alarm sensor on spinner.

## OPTIONAL LIQUID FUNCTIONS

- + Pre-wet salt liquid kit, nozzles and pump with built-in tanks in spreader construction.
- + 2 m wide spraybar, with up to 5 m spraying width.
- + 12 m hose reel for spraying hard-to-reach areas with salt solutions or other liquids.



SPREAD



PRE-WET



DUAL  
SPRAYBAR



GPS SPEED  
& HTRACK™

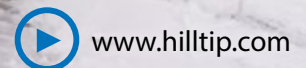
ALL IN ONE  
SPREADER

# ICESTRIKER™ 600TR-1000TR SPREADER

The double-walled hopper construction has got integrated tanks with a capacity of 330 l to transform your spreader into a liquid spreader with pre-wet and spraybar options.



## 600TR-1000TR COMBI SPREADER FOR TRACTORS AND LOADERS



The Hilltip IceStriker™ TR-model is a 630-1050 liter salt and sand spreader with polymer hopper and mounted parts in stainless steel that gives you effective protection against rust and corrosion. This unique all-in-one spreader also includes integrated tanks for the optional liquid systems.

## STANDARD FEATURES

- ✓ 3-point hitch, Cat. I/II.
- ✓ 12-volt motor mounted inside a sealed weather-resistant enclosure.
- ✓ Automatic vibrator prevents material from clogging.
- ✓ Inverted-V helps reduce heavy start-up loads on the feed mechanism.
- ✓ Stainless steel flip-up chute
- ✓ Two-piece tarp mechanism and top screen
- ✓ Controller with automatic GPS speed control adjusts the amount of spreading material ( $\text{g}/\text{m}^2$ ) according to your vehicle speed (see page 23), while manual mode lets you insert a fixed auger speed.
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller.



*IceStriker™ 600TR-1000TR*

# ICESTRIKER™ 600TR-1000TR SPREADER



*Led work light (red) and beacon light (orange)*



*Optional spraybar*



*Support leg*

## OPTIONAL FEATURES

- + LED work light
- + License plate kit and rear light
- + Beacon warning-light
- + Optional color: orange
- + Different mounting solutions
- + HTrack™ tracking system (see page 24)
- + End of material alarm sensor on spinner

## OPTIONAL LIQUID FUNCTIONS

- + Pre-wet Salt liquid kit complete with nozzles and pump for use with tanks built into the spreader.
- + 2 m wide spraybar, with up to 5 m spraying width.
- + 12 m hose reel for spraying hard-to-reach areas with salt solutions or other liquids.

# ICESTRIKER™ 550, 750, 850 & 1100 COMBI SPREADER



## POLYELECTRIC COMBI SPREADER FOR PICKUPS AND LIGHT TRUCKS

 [www.hilltip.com](http://www.hilltip.com)

Our IceStriker poly electric spreader is built to meet the requirements of the European light-pickup and -truck segment. Lightweight hopper body made of polyethylene, and mounted parts in stainless steel, provides you long lasting protection against corrosion and rust. This unique spreader includes integrated tanks for the optional liquid systems.

## OPTIONAL LIQUID FUNCTIONS

The hopper construction can easily be transformed into a complete brine solution sprayer or into a pre-wet combi spreader that moistens the spreading material. Integrated tanks in the double-walled hopper body hold up to 450 l of liquid. The spreader can optionally be equipped with a 2 meter spray bar or a hose reel with hand-held spray nozzle.

## STANDARD FEATURES

- ✓ A 12-volt motor is mounted inside a sealed weather-resistant enclosure.
- ✓ Automatic vibrator prevents bridging and de-icing material from clogging by shaking the inverted Vee.
- ✓ Controller with automatic GPS speed control adjusts the amount of spreading material (g/m<sup>2</sup>) according to your vehicle speed (see page 23).
- ✓ Inverted-Vee helps reduce heavy start-up loads on the auger. All in stainless steel.
- ✓ Hopper body includes molded alternate license plate area.
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller.



# ICESTRIKER™ 550, 750, 850 & 1100 COMBI SPREADER



*Stainless steel flip-up chute, designed for spreading salt with high humidity*



*Two-piece tarp mechanism and top screen*



*Optional spraybar and hose reel*

## OPTIONAL LIQUID FUNCTIONS

- + Pre-wet Salt liquid kit complete with nozzles and pump for use with tanks built into the spreader.
- + Spray bar 2 m, with 2-5 m spraying width
- + 12 m hose reel
- + HTrack™ tracking system (see page 24)

## OPTIONAL FEATURES

- + License plate kit and rear light
- + Optional colors: red and orange
- + Beacon warning-light
- + LED-work light
- + Legstand
- + Bladder tank for storing additional liquid inside hopper.
- + Salt liquid level check for optional liquid system, also includes electronic sensor.
- + End of material alarm sensor on spinner.



**SPREAD**



**PRE-WET**



**SPRAYBAR**



**GPS SPEED  
& HTRACK™**

**ALL IN ONE  
SPREADER**

# ICESTRIKER™ 380 STAINLESS STEEL SPREADER



## 380 LITER STAINLESS STEEL SPREADER FOR PICKUPS, UTVS ETC.



The 380 liter spreader is built to meet the requirements of the UTV and European light-pickup segment. Thanks to the convenient size of the spreader, it fits most kinds of small machines, like utility vehicles, tool carriers and mini-loaders. This device is perfect for spreading at parking lots, courtyards, walkways and pedestrian paths.

The high quality stainless steel hopper body guarantees a longlasting corrosion-free use. The hopper surface is easy to clean and maintain, and provides a smooth material flow. The spreader is designed for spreading bulk sand and gravel, bulk/bag salt, sand-salt mixes and fertilisers. Can optionally be equipped with pre-wet kit.



*IceStriker™380 on UTV*

# ICESTRIKER™ 380 STAINLESS STEEL SPREADER



Spreading width up to 8 meter



Flip-up chute



Tarp cover and top screen



IceStriker™ 380 with pre-wet salt liquid kit, nozzles, pump with built-in tanks in spreader construction

## STANDARD FEATURES

- ✓ A 12-volt motor is mounted inside a sealed weather-resistant enclosure and requires no pulleys, sprockets, belts or chains.
- ✓ Automatic vibrator prevents bridging and de-icing material from clogging by shaking the inverted Vee.
- ✓ Controller with automatic GPS speed control adjusts the amount of spreading material ( $\text{g}/\text{m}^2$ ) according to your vehicle speed (see page 23).
- ✓ The 65 mm stainless steel auger gives you an even flow of material to the spinner.
- ✓ Inverted-Vee helps reduce heavy start-up loads on the auger. All in stainless steel.
- ✓ Two-piece tarp mechanism prevents spill off into truck bed when filling the spreader.
- ✓ Top screen prevents rocks and big material chunks from getting into the hopper.
- ✓ Flip-up stainless steel chute

## OPTIONAL FEATURES

- + License plate kit and rear light
- + Beacon warning-light
- + LED-work light
- + Pre-wet salt liquid kit; nozzles, pump, tank
- + Legstand
- + HTrack™ tracking system (see page 24)

# ICESTRIKER™ 120-200 TAILGATE SPREADER



**120-200 LITER 12V ELECTRIC SPREADER FOR PICKUPS, TRACTORS, LOADERS ETC.**



The Hilltip IceStriker™ 120-200 is a 12V electric salt and sand spreader designed for installation on pickup tailgates, vans, utility vehicles, tractors, loaders and forklifts. Polymer hopper and mounted parts in stainless steel make it the most cost-effective spreader in this range.



**“THE WORLDS FIRST SMARTPHONE CONTROLLED SPREADER WITH FLEXIBLE MOUNTING TO COMPACT TRACTOR, PICKUP OR MUNICIPAL VEHICLES!”**



*IceStriker™ 200 tailgate spreader*

The spreader is operated wirelessly (Bluetooth) through the next generation control system: **HillTip StrikeSmart™ App (see page 23)**. Android smart phone is included.

# ICESTRIKER™ 120-200 TAILGATE SPREADER



Pickup Tailgate mount



Optional color: orange



LED rear lights, license plate kit and LED work light



Smartphone controller holder

## STANDARD FEATURES

- ✓ Automatic GPS-speedcontrol adjusts the amount of spreading material (g/m<sup>2</sup>) according to your vehicle speed.
- ✓ Independent controlled dual motors for the auger and spinner.
- ✓ Storage transport wheels
- ✓ Mounting solutions for a variety of vehicles and machines.
- ✓ The spreader is operated wirelessly (Bluetooth) through the next generation control system: Hilltip StrikeSmart™ App. Android smartphone is included.

## OPTIONAL FEATURES

- + Vibrator (for wet salt, gravel, salt and sand mix)
- + Optional color: orange
- + LED rear lights and license plate kit
- + LED work light
- + HTrack™ tracking system (see page 24)
- + Smartphone controller holder

## MOUNT TYPES

- + Tow hitch mount, bolted or J-type
- + EU tow/tailgate hitch
- + Swing away mount, bolted
- + 3-point hitch, Cat I/II
- + Wheelloader / Fork lift 1" Pin hitch, adjustable. Height adjustment.

# TOWABLE ICESTRIKER™ SPREADER



## TOWABLE ICESTRIKER™ 380, 550-1100T & 1600-2100

The Hilltip IceStriker™ 380 stainless steel spreader, 550-1100 - and 1600-2100 combi spreaders are available as towable salt spreaders. The trailer spreader models extend the capability and flexibility of the spreaders as you get the flexibility to use any pickup, SUV or car to combat icy conditions.

The tow behind spreaders can all be supplemented with a pre-wet system as well as a spray bar for direct liquid de-icing treatment.

The Hilltip trailer chassis are hot galvanized and powder painted to ensure the best corrosion resistance on the market.



*Towable Icestriker™ 550*



*Towable Icestriker™ 1600*

# **SPRAYSTRIKER™ DE-ICING SPRAYERS**



**“When using salt brine solution as de-icing method, you save up to 75% on your salt used on each route and reduce the impact on the environment!”**

# SPRAYSTRIKER™ 500-2000 SPRAYER



## 500-2000 LITER DE-ICING SPRAYER FOR PICKUPS AND LIGHT TRUCKS



The truck bed mounted sprayer is available in different sizes to match a versatile field of use, and to fit a wide range of vehicles. The SprayStriker™ can be used in different ways when fighting the ice and snow, and it can also be used in the summer for agricultural purpose.

The sprayer is designed for maximum liquid tank capacity and for use on European market machines and vehicles. The durable and light poly tanks are supported by a powder coated stainless-steel frame construction. The pump and CPU-unit is protected inside an easy-to-reach stainless-steel housing.

## STANDARD FEATURES

- ✓ 12 V Twin pumps.
- ✓ 20ml/m<sup>2</sup> at max speed 25km/h.
- ✓ 2" camlock inlet for filling sprayer.
- ✓ Nozzles with triple stream spray-pattern.
- ✓ GPS speed control adjusts the liquid flow (ml/m<sup>2</sup>) according to your vehicle speed (see page 23).
- ✓ Controller lets you operate the sprayer and its functions from inside the cab.
- ✓ 2 m spraybar with double spray nozzles (7 + 7).
- ✓ Nozzles on the end of the boom, for extended spray width.
- ✓ Additional tank for rinsing/cleaning the spray system with anti-freeze liquid after each use.



# SPRAYSTRIKER™ 500-2000 SPRAYER



Optional legstand and sliding-tracks on truck bed for easy installation and removing of sprayer.



Double spray nozzles for de-icing even in high speeds.

## OPTIONAL FEATURES

- + 12 m hose reel for spraying sidewalks and other hard-to-reach areas.
- + Beacon warning-light
- + Adjustable leg stands
- + Electric solenoids on end-nozzles
- + HTrack™ tracking system (see page 24)



Optional manual hose reel



SprayStriker™ 500 on Kubota utility vehicle

# TOWABLE SPRAYSTRIKER™ 500-2000



## TOWABLE 500-2000 LITER DE-ICING SPRAYER

The Hilltip SprayStriker™ 500-2000 sprayers are available as towable de-icing sprayers. The trailer models extend the capability and flexibility of the sprayers, as you get the flexibility to use any pickup, SUV or car to combat icy conditions.

The 12V Spraystriker™ sprayer series is adaptable to the single axle trailer ( 500L ) and dual axle trailer (1000-2000L models).

The liquid de-icing trailer is the most efficient electric liquid sprayer on the market with the capability of spreading 20 ml / m<sup>2</sup> with the speed of 25 km / h and spreading width 2 m. The maximum spreading width is 5 m, by the optional spraybar end nozzles.



*SprayStriker™ 500 with support legs*

# SPRAYSTRIKER™ 250TR - SERIES SPRAYER

## 250 L DE-ICING SPRAYER FOR TRACTORS

The 250TR-Series de-icing sprayer is with a high performing 12V pump specially designed for de-icing liquids. The sprayer is designed to compact tractors / loaders for use on pathways and other narrow areas. It can also be installed in flatbed pickups. The tank is in polyethylene and body is made of mild steel with zinc base and powder painted finish.

The Hilltip SprayStriker™ sprayer unit is delivered and controlled with StrikeSmart™ Smartphone App (Phone included). The SprayStriker™ can be equipped with 12m hose reel, 3 different widths of spraybars, as well as individually in-cabin controlled side-nozzles for increased spray width.

The sprayer unit can also be equipped with disinfection nozzles on both handheld and spray bar nozzles, to fight germs, bacteria and viruses.



SprayStriker™ 250TR

## STANDARD FEATURES

- ✓ 12 V pump
- ✓ GPS speed control adjusts the liquid flow (ml/m<sup>2</sup>) according to your vehicle speed (see page 23).
- ✓ The spreader is controlled with Hilltip StrikeSmart™ App. Android smartphone is included.
- ✓ 0.8 m, 1.2 m or 2 m spraybar.
- ✓ Nozzles on the end of the boom, for extended spray width.

## MOUNT TYPES

- + EU tow/tailgate hitch
- + Swing away mount, bolted
- + 3-point hitch, Cat I/II
- + Wheelloader / Fork lift 1" Pin hitch, adjustable. Height adjustment.

## OPTIONAL FEATURES

- + 12 m hose reel for spraying sidewalks and other hard-to-reach areas.
- + Beacon warning-light
- + Directional in cabin control of side nozzels (both sides)
- + HTrack™ tracking system (see page 24)
- + Smartphone controller holder



Hilltip StrikeSmart™ smartphone app.

# BRINEMIXX™ BRINE SOLUTION BLENDER



## BRINEMIXX™ 500-3000 FOR ICESTRIKER™ AND SPRAYSTRIKER™ LIQUID SYSTEM!

This external brine blender makes it easier to get the perfect water/salt-mixture for your purpose. The blender includes a pump that transfers the prepared liquid into the tank of your brine spraying device with a speed of 390 l/min.

The blending tank and lid is made of durable polyethylene which gives you a rust and corrosion free lightweight product.

The BrineMixx™ is available in three different sizes, 500 l, 1400 l and 3000 l.

### STANDARD FEATURES

- ✓ Sharp edge to cut bags
- ✓ Liquid level indicator
- ✓ Heavy duty filter and 3-way valve



*Sharp edge to cut bags*



*Heavy duty filter and 3-way valve*

# BRINEMIXX™ BRINE SOLUTION BLENDER

## MATERIAL SOLUTIONS

### NaCl (Sodium Chloride):

Solid rock salt made into brine is the basis of most de-icing materials.

-21° C at 23.3 %

### CaCl (Calcium Chloride):

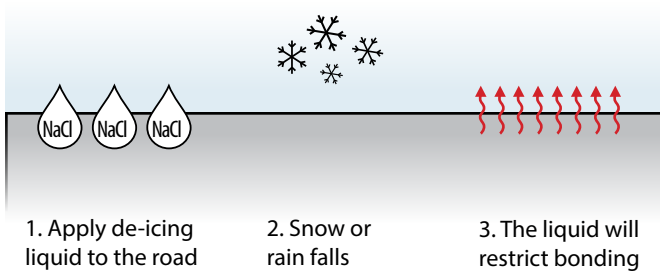
Natural liquid brine, most versatile deicer and commonly used to pre-wet.

-31,5° C at 29.8 %

**“WHEN USING A LIQUID SYSTEM YOU SAVE MONEY AND REDUCES THE IMPACT ON THE ENVIRONMENT, WHILE ACHIEVING THE SAME DE-ICING RESULTS AS BEFORE.”**

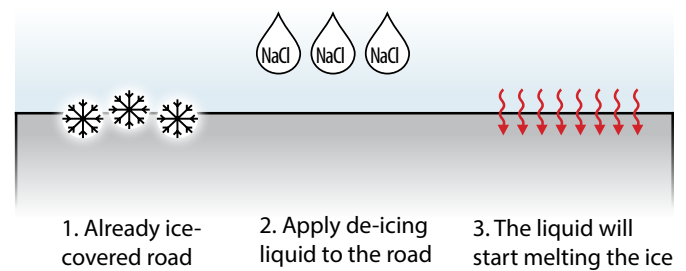
## ANTI-ICING

By applying a liquid solution before the snow or rain falls, it will stay in the pores and cracks of the road and restrict the bonding of the road surface and ice. This allows snow and ice to be easily removed during plowing.



## DE-ICING

When a liquid solution is applied to an already icy/snowy road it will immediately start breaking up the ice from the top down. By mixing the right solution for your current winter temperatures, you won't be wasting salt or money.

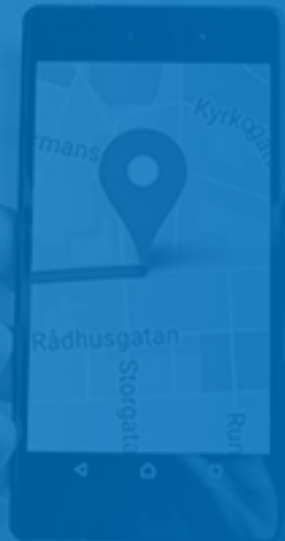


Other de-icing solutions than NaCl (Sodium chloride) can also be used, please see local recommendations.

TYPE	SALT BRINE NaCl	PRE-WETTED NaCl	DRY SALT NaCl	GRANULAT
Spread volume	20-50 ml/m <sup>2</sup>	10-25 g/m <sup>2</sup>	20-40 g/m <sup>2</sup>	150-250 g/m <sup>2</sup>
Average Spread volume	35 ml/m <sup>2</sup>	17 g/m <sup>2</sup>	30 g/m <sup>2</sup>	180 g/m <sup>2</sup>
Spreading length/width	1000 m/2 m	1000 m/2 m	1000 m/2 m	1000 m/2 m
Spreading area	2000 m <sup>2</sup>	2000 m <sup>2</sup>	2000 m <sup>2</sup>	2000 m <sup>2</sup>
Spreading volume per km	70 l Brine = 15,4 kg	34 kg	60 kg	360 kg

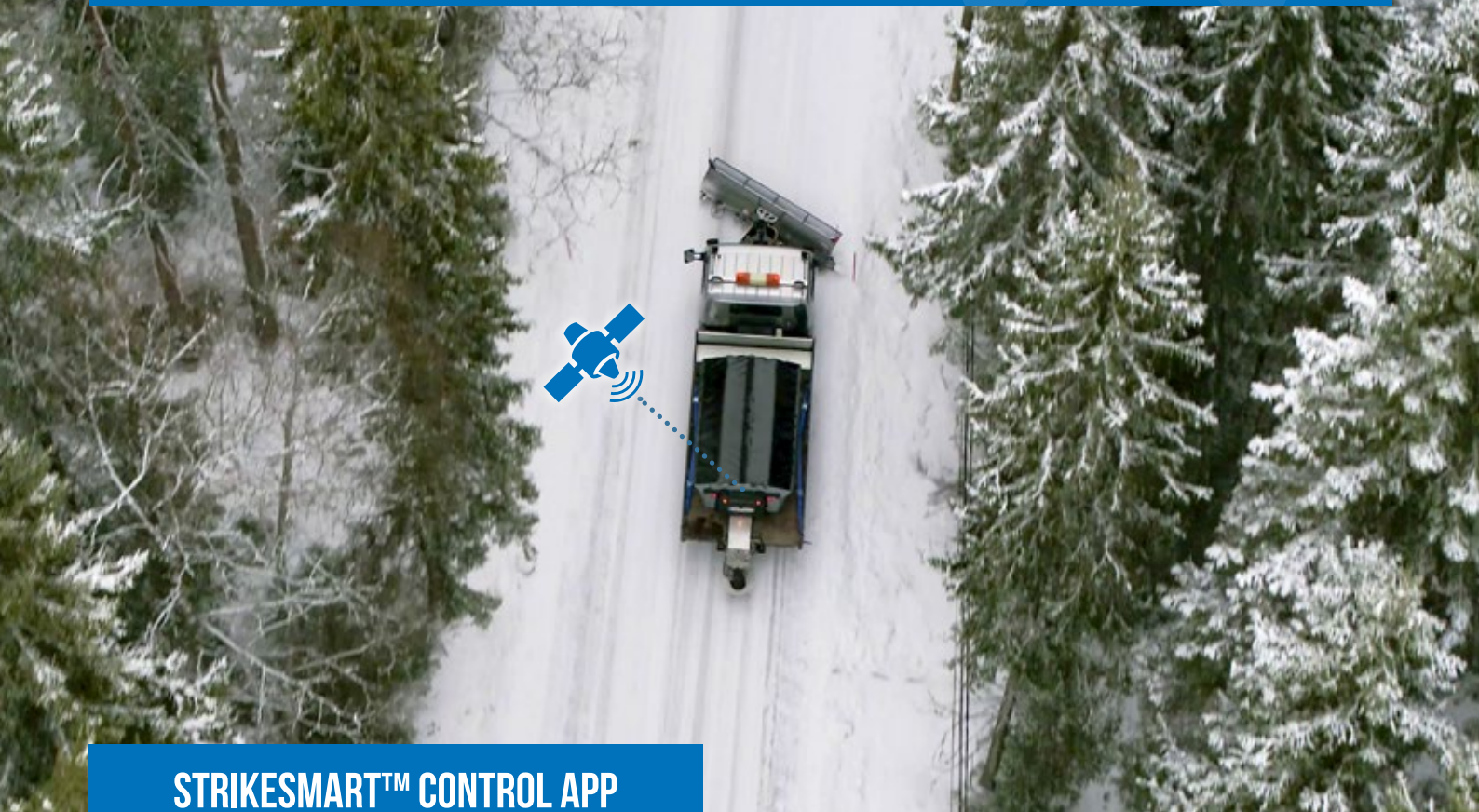
These material weights are only guidelines, we do not take any responsibility in any direct or indirect damages or warranty cases concerning the values above.

# **STRIKESMART™ CONTROL SYSTEM & HTRACK™**



**“Keep track of your expenses and get de-icing performance evidence for slip and fall injury claims with HTrack™!”**

# STRIKESMART™ CONTROL SYSTEM



## STRIKESMART™ CONTROL APP & CONTROLLER



### STRIKESMART™ CONTROL APP

The StrikeSmart™ control app is a standard feature for the IceStriker™ 120-200 tailgate spreader.

The app in the smart phone lets you customize your spreading session according to your current situation. Automatic GPS speed control adjusts the amount of spreading material ( $\text{g}/\text{m}^2$ ) according to your vehicle speed, while manual mode lets you insert a fixed auger speed. Additionally the app collects and saves essential spreading data allowing you to generate spreading reports. This wireless control system also makes it easy to turn on functions, work light and optional vibrator from the smart phone inside the cab.



### STRIKESMART™ CONTROLLER

The StrikeSmart™ controller is a standard feature for IceStriker™ 1600-2600, IceStriker™ 600TR-1000TR, IceStriker™ 500-1100, IceStriker™ 380 stainless steel and SprayStriker™ 500-2000.

The color controller screen lets you customize your spreading session according to your current situation. Automatic GPS speed control adjusts the amount of spreading material ( $\text{g}/\text{m}^2$ ) according to your vehicle speed, while manual mode lets you insert a fixed auger speed. Additionally, the controller collects and saves essential data to a USB memory allowing you to generate spreading reports. The controller also makes it easy to turn on functions like the vibrator, beacons and work lights from inside the cab.

# HTRACK™ TRACKING SYSTEM

## FEATURES

- ✓ Easy-to-use interface
- ✓ Track your devices in real-time or between specific time intervals:
  - Show route on map
  - Show speed, GPS location, material used etc.
- ✓ Show one or multiple units
- ✓ Download session reports and performance details



### Mikes truck

12:40:21 - 01.02.2017  
Spreading salt  
Amount: 14 g/m<sup>2</sup>  
Spreading width: 4m  
Vehicle speed: 16 km/h  
Snowplow activated

## PROTECT YOUR BUSINESS FROM SLIP AND FALL LIABILITY

The Hilltip HTrack™ system is compatible with all models of IceStriker™, SprayStriker™ and SnowStriker™. With the tracking software you can track and manage all of your spreading devices and snowplows online on your computer, tablet or smart phone.



GPS satellite returns vehicle position & speed



HTrack™ transfers spreading data via mobile network



## WHY HILLTIP ICESTRIKER™ SPREADERS?

- ✓ The industry's only 2-way GPRS capable tracking software that allows communication between your smart phone/tablet/computer and your StrikeSmart™ controller.
- ✓ User friendly interface allows application rates to be remotely set and adjusted in real time for each customer site depending on weather conditions.
- ✓ HTrack™ assists in route optimizations and resource allocations for increased operational efficiency and profitability.
- ✓ Reports of spreading material used, daily, monthly etc. by specific customers.
- ✓ Detailed documentation of ice control activities at individual customer locations that provides additional evidence if legal action should become necessary.



# TECHNICAL SPECIFICATIONS



- **ICESTRIKER™**
- **SPRAYSTRIKER™**
- **BRINEMIXX™**

# ICESTRIKER™ SPECIFICATIONS



## ICESTRIKER™ 1600-2600 SPREADER SPECIFICATIONS

MODEL	1600	2100	2600
Total length (including spinner)	3000 mm	3000 mm	3000 mm
Minimum truck bed length	2100 mm	2100 mm	2100 mm
Maximum external width (with tarp mounted)	1750 mm	1750 mm	1750 mm
Total height of the hopper from the loading surface of the carrying vehicle	1250 mm	1390 mm	1550 mm
Capacity, struck	1500 l	2000 l	2500 l
Capacity, rounded	1600 l	2100 l	2600 l
Weight (empty)	260 kg	295 kg	320 kg
Hopper construction	Poly	Poly	Poly
Spreading width	1-8 m (may vary depending on material)		
Spinner size	500 mm	500 mm	500 mm
Auger diameter (stainless steel)	150 mm	150 mm	150 mm
Conveyor width	300 mm	300 mm	300 mm
Material	Salt, Sand, Granulat/Mixed (max 8 mm Ø with auger)		
Vehicle	3,5-10 ton trucks		

## OPTIONAL LIQUID SYSTEM

MODEL	1600	2100	2600
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min
Spraybar, Spray volume	5-25 l/min	5-25 l/min	5-25 l/min
Pre-wet, Spraying width	1-8 m (together with spreading material)		
Spray bar, Spraying width	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	900 l	900 l	900 l
Spray bar, liquid tank capacity	900 - 2200* l	900 - 2200* l	900 - 2200* l
Spraying material	Anti- and deicing liquids, water. **		

\* With optional bladder tank inside for spray bar system

\*\* Do not use flammable or petroleum liquids for the liquid system

# ICESTRIKER™ SPECIFICATIONS



## ICESTRIKER™ 600TR-1000TR SPREADER SPECIFICATIONS

MODEL	600TR	800TR	1000TR
Overall width	1500 mm	1500 mm	1500 mm
Height	1500 mm	1650 mm	1800 mm
Capacity (water level)	550 l	750 l	950 l
Capacity (rounded)	630 l	850 l	1050 l
Weight (empty)	320 kg	360 kg	390 kg
Hopper construction	Poly	Poly	Poly
Spreading width	1-8 m (may vary depending on material)		
Spinner size	390 mm	390 mm	390 mm
Auger diameter	65 mm	65 mm	65 mm
Vibrator	YES	YES	YES
GPS speed control	YES	YES	YES
Vehicle	Tractors/loaders		
Material	Salt, sand, granulat, mixed (max 8mm Ø)		

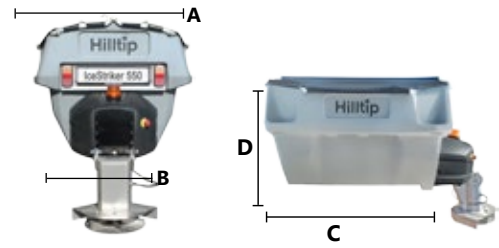
## OPTIONAL LIQUID SYSTEM

MODEL	600TR	800TR	1000TR
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min
Spraybar, Spray volume	5-25 l/min	5-25 l/min	5-25 l/min
Pre-wet, Spraying width	1-8 m (together with spreading material)		
Spraybar, Spraying width	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	330 l	330 l	330 l
Spraybar, liquid tank capacity	330/900 l *	330/900 l *	330/900 l *
Spraying material	Anti- and de-icing liquids, water, liquid fertilizers **		

\* With optional bladder tank inside for spray bar system

\*\* Do not use flammable or petroleum liquids for the liquid system

# ICESTRIKER™ SPECIFICATIONS



## ICESTRIKER™ 550-1100 SPREADER SPECIFICATIONS

MODEL	550	750	850	1100
Overall Width A	120 cm	120 cm	120 cm	120 cm
Width B	90 cm	90 cm	90 cm	90 cm
Minimum Truck bed Length C	120 cm	120 cm	170 cm	170 cm
Height D	92 cm	107 cm	92 cm	107 cm
Capacity, struck	500 l	700 l	750 l	1000 l
Capacity, rounded	630 l	780 l	880 l	1100 l
Weight (empty)	145 kg	170 kg	190 kg	215 kg
Hopper construction	Poly	Poly	Poly	Poly
Spreading width	1 - 8 m (may vary depending on material)			
Spinner size	390 mm	390 mm	390 mm	390 mm
Auger diameter	65 mm	65 mm	65 mm	65 mm
Material	Salt, Sand, Granulat/Mixed (max 8 mm Ø)			
Vibrator	✓	✓	✓	✓
GPS Speed control	✓	✓	✓	✓
Manual Speed control	✓	✓	✓	✓
Vehicle	Pick-ups and UTV	Pick-ups and UTV	Pick-ups and trucks	Min. 3,5 ton trucks

## OPTIONAL LIQUID SYSTEM

MODEL	550	750	850	1100
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min	3-12 l/min
Spraybar, Spray volume	5-25 l/min	5-25 l/min	5-25 l/min	5-25 l/min
Pre-wet, Spraying width	1-8 m (together with spreading material)			
Spray bar, Spraying width	2-5 m	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	330 l	330 l	450 l	450 l
Spray bar, liquid tank capacity	330l/900l*	330l/900l*	450l/1200l*	450l/1200l*
Spraying material	Anti- and deicing liquids, water. **			

\* With optional bladder tank inside for spray bar system

\*\* Do not use flammable or petroleum liquids for the liquid system

Specifications and other details are subject to change without notice.

# ICESTRIKER™ SPECIFICATIONS



## ICESTRIKER™ 380 SPREADER SPECIFICATIONS

MODEL	380
Total width	910 mm
Total length	1670 mm
Hopper length	1110 mm
Height	730 mm
Weight	120 kg
Capacity, water level	350 l
Capacity, rounded	380 l
Hopper construction	Stainless steel
Spreading width	1-8 m (may vary depending on material)
Spinner diameter	390 mm
Auger diameter	65 mm
Material	Sand, salt, gravel, mixes (max 8 mm Ø)
Power source	Electric 12V DC

## PRE-WET SYSTEM

Spray volume	3-12 l/min
Liquid tank capacity	100 l
De-icing solutions	Anti- and de-icing liquids, water**



## TOWABLE ICESTRIKER™ SPECIFICATIONS

MODEL	380	550	750	850	1100	1600	2100
Trailer type	Single axle	Single axle/ Dual axle with brakes	Dual axle with brakes	Dual axle with brakes	Dual axle with brakes	Dual axle with brakes	Dual axle with brakes
Total trailer length (including spinner)	2550mm	2550/ 4500 mm	4500 mm	4500 mm	4500 mm	4500 mm	4500 mm
Total trailer width	1600 mm	1700 mm	1700 mm	1700 mm	1700 mm	1700 mm	1700 mm
Height	1500 mm	1650 mm	1800 mm	1650 mm	1800 mm	2000 mm	2000 mm
Max weight (loaded)	750 kg	750kg/ 2700 kg	2700 kg	2700 kg	2700 kg	3500 kg	3500 kg

Specifications and other details are subject to change without notice.

# ICESTRIKER™ & SPRAYSTRIKER™ SPECIFICATIONS



## ICESTRIKER™ 120-200 SPREADER SPECIFICATIONS

MODEL	120	200
Total width	800 mm	800 mm
Total depth	600 mm	600 mm
Total height	820 mm	1050 mm
Capacity, struck	120 L	205 L
Capacity, rounded	130 L	215 L
Weight (empty)	58 kg	65 kg
Hopper construction	Poly	
Spreading width	1-8 m (may vary depending on material)	
Spinner size	320 mm	
Auger diameter (stainless steel)	65 mm	
Material	Salt, Sand, Granulat, Mixed (max 8 mm Ø)	
Vehicle	Utility vehicles, pick-ups, vans, tractors, loaders and forklifts	



## SPRAYSTRIKER™ SPRAYER SPECIFICATIONS

MODEL	500 LITER	1000 LITER	1500 LITER	2000 LITER
Height	1050 mm	1050 mm	1050 mm	1050 mm
Width	1060 mm	1060 mm	1060 mm	1060 mm
Length	1000 mm	1600 mm	2250 mm	2850 mm
Tank volume	500 l	1000 l	1500 l	2000 l
Spray width (max)	5 m	5 m	5 m	5 m
Spray volume	5-36 l/min	5-36 l/min	5-36 l/min	5-36 l/min
Weight	180 kg	230 kg	280 kg	350 kg



## TOWABLE SPRAYER SPECIFICATIONS

MODEL	500 LITER	1000 LITER	1500 LITER	2000 LITER
Trailer type	Single axle	Dual axle with brakes	Dual axle with brakes	Dual axle with brakes
Total trailer length (including spraybar)	2500 mm	4350 mm	4350 mm	4350 mm
Total trailer width	1600 mm	1700 mm	1700 mm	1700 mm
Height	1500 mm	1500 mm	1500 mm	1500 mm
Weight (loaded)	max 750 kg	max 2700 kg	max 2700 kg	max 2700 kg

Specifications and other details are subject to change without notice.

# SPRAYSTRIKER™ & BRINEMIX™ SPECIFICATIONS



## SPRAYSTRIKER™ 250TR -SERIES SPECIFICATIONS

MODEL	250 TR
Liquid tank capacity	250 l
Width	90 cm
Height	120 cm
Length	70 cm
Empty Weight	120 kg
Spray bar width	0,8 m, 1,2 m or 2 m
Spraying width	0,8 - 5 m
Spray volume	3-18 l/min
Power supply	12 V, max 30 Ah



## BRINEMIX™ SPECIFICATIONS

MODEL	500	1400	3000
Capacity	500 l	1400 l	3000 l
Output	390 l/min	390 l/min	390 l/min
Empty weight	54 kg	85 kg	168 kg
Height	1039 mm	1260 mm	2000 mm
Tank diameter	888 mm	1245 mm	1500 mm
Total diameter	1088 mm	1477 mm	1711 mm

## SNOW AND ICE CONTROL EXPERTS

Hilltip is a leading European manufacturer of road maintenance equipment for light pickups and trucks.

The climate of Finland and many years of experience have made us experts in developing the most efficient and durable products for snow and ice control. The combination of high quality materials and state of the art technology makes it hard to compete with Hilltip products.

Our products are designed, engineered and produced in our factory in Pietarsaari, Finland.



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