



SPREADERS 0.1-1.5 m³
DE-ICING SPRAYERS 250-2000 L



HIGH-QUALITY ROAD MAINTENANCE EQUIPMENT

MADE IN FINLAND

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ICESTRIKER™ SPREADERS



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

ICESTRIKER™ 550, 750, 850 & 1100 COMBI SPREADER



POLY ELECTRIC COMBI SPREADER FOR PICKUPS AND LIGHT TRUCKS



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

- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ Controller with automatic **GPS speed control** adjusts the amount of spreading material (g/m²) according to your vehicle speed (see page 24).
- ✓ 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.
- ✓ Inverted-Vee helps reduce heavy start-up loads on the auger. All in stainless steel.
- ✓ Stainless steel flip-up chute
- ✓ Two-piece tarp mechanism and top screen
- ✓ 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



Spreader in the optional orange color



Optional spray bar and hose reel

OPTIONAL FEATURES

- + License plate kit and rear lights
- + Optional color: orange
- + Beacon warning-light
- + LED work light
- + Leg stand
- + Fixation kit to avoid sliding
- + End of material alarm sensor on spinner
- + 24V motors and control system
- + Additional vibrator for 850 & 1100
- + Spreading symmetry adjustment, in-cabin control 12V/24V
- + Telescopic chute for truck beds over 110 cm

OPTIONAL LIQUID FUNCTIONS

- + Pre-wet Salt liquid kit complete with nozzles and pump for use with tanks built into the spreader.
- + Bladder tank for storing additional liquid inside hopper.
- + 2 m spray bar with 2-5 m spraying width
- + 12 m manual hose reel



SPREAD



PRE-WET



SPRAY BAR



**GPS SPEED
& HTRACK™**

**ALL IN ONE
SPREADER**

ICESTRIKER™ 900-1150 AM, 1250 AML COMBI SPREADER



12/24 V ELECTRIC COMBI SPREADER FOR LIGHT TRUCKS



Hilltip IceStriker 900-1150 AM & 1250 AML is a electric poly hopper combi spreader for light trucks. Lightweight hopper body made of polyethylene, and mounted parts in stainless steel, provides you long lasting protection against corrosion and rust. This spreader is unique as it has a modular hopper body with built-in tank for the optional pre-wetting system, and it requires no extra tanks.

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 530 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

- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ Controller with **automatic GPS speed control** adjusts the amount of spreading material (g/m^2) according to your vehicle speed (see page 24)
- ✓ 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
- ✓ Inverted-Vee helps reduce heavy start-up loads on the auger. All in stainless steel.
- ✓ Stainless steel flip-up chute
- ✓ Two-piece tarp mechanism and top screen
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller

ICESTRIKER™ 900-1150 AM, 1250 AML COMBI SPREADER



Stainless steel flip-up chute



LED rear lights and strobe lights (optional)



LED work light (optional)

OPTIONAL FEATURES

- + Rear lights & License plate kit
- + Optional color: orange
- + Strobe lights
- + LED-work light
- + 24V motors and control system
- + Leg stand
- + Extended Auger (+ 40 cm) for models 900-1150 AM
- + Long chute (+ 25 cm) for truck bed height over 110 cm
- + Adjustable spreading symmetry from inside the cab 12/24V
- + 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
- + Bladder tank for storing additional liquid inside hopper.
- + 2 m spray bar with 2-5 m spraying width
- + 12 m hose reel for spraying hard-to-reach areas with salt solutions or other liquids



SPREAD



PRE-WET



**DUAL
SPRAY BAR**



**GPS SPEED
& HTRACK™**

**ALL IN ONE
SPREADER**

ICESTRIKER™ 600 TR & 900-1450 TR SPREADER

The double-walled hopper construction has got integrated tanks with a capacity of 450 l to transform your spreader into a liquid sprayer with pre-wet and spray bar options.

600-1450 LITERS COMBI SPREADER FOR TRACTORS AND LOADERS



The Hilltip IceStriker™ TR-model is a 600-1450 liters 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.



IceStriker™ 600 TR

STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ Controller with automatic **GPS speed control** adjusts the amount of spreading material (g/m^2) according to your vehicle speed (see page 24)
- ✓ 3-point hitch, Cat. I/II
- ✓ 12-volt motor mounted inside a sealed weather-resistant enclosure
- ✓ Feed mechanism: 65 mm stainless steel auger (600 TR) and 115 mm stainless steel auger (900-1450 TR)
- ✓ Automatic vibrator prevents material from clogging
- ✓ Inverted-V helps reduce heavy start-up loads on the feed mechanism
- ✓ Two-piece tarp mechanism and top screen
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller

ICESTRIKER™ 600 TR & 900-1450 TR SPREADER



Optional rear lights, strobe & work light kit, 900-1450 TR



Optional led work light and spray bar, 600 TR



Support legs and **dual** spray bar, 900-1450 TR



IceStriker 1450 TR

OPTIONAL FEATURES 600 TR

- + LED work light
- + License plate kit and rear light
- + Beacon warning-light
- + Optional color: orange
- + Different mounting solutions
- + End of material alarm sensor on spinner

OPTIONAL FEATURES 900-1450 TR

- + LED work light (2 pcs), strobe light (2 pcs) and rear light (2 pcs) kit
- + Optional color: orange
- + Different mounting solutions
- + 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
- + Bladder tank for storing additional liquid inside hopper
- + 2 m wide spray bar with up to 5 m spraying width
- + 12 m hose reel for spraying hard-to-reach areas with salt solutions or other liquids

ICESTRIKER™ 380 STAINLESS STEEL SPREADER



380 LITER STAINLESS STEEL SPREADER FOR PICKUPS AND 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 the spreader construction

STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ Controller with automatic **GPS speed control** adjusts the amount of spreading material (g/m²) according to your vehicle speed (see page 24)
- ✓ 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
- ✓ 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 spillage 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
- + Leg stand
- + End of material alarm sensor

ICESTRIKER™ 120-300 TAILGATE SPREADER



120-300 LITER 12V ELECTRIC SPREADER FOR PICKUPS, TRACTORS, LOADERS ETC.



The Hilltip IceStriker™ 120-300 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 on the market.



“THE WORLD’S FIRST SMARTPHONE CONTROLLED SPREADER WITH FLEXIBLE MOUNTING TO COMPACT TRACTOR, PICKUP OR MUNICIPAL VEHICLES!”

The spreader is operated wirelessly (Bluetooth) through the next generation control system: **HillTip StrikeSmart™ App (see page 24)**. Android smart phone is included.



IceStriker™ 200 tailgate spreader

ICESTRIKER™ 120-300 TAILGATE SPREADER



Pickup Tailgate mount



Optional color: orange



LED rear lights, license plate kit and LED work light



Smartphone controller holder



STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ Automatic **GPS speed control** adjusts the amount of spreading material (g/m²) according to your vehicle speed (see page 24)
- ✓ The spreader is operated wirelessly (Bluetooth) through the next generation control system: **Hilltip StrikeSmart™ App**. Android smartphone is included.
- ✓ Independent controlled dual motors for the auger and spinner
- ✓ Storage transport wheels
- ✓ Mounting solutions for a variety of vehicles and machines

OPTIONAL FEATURES

- + Vibrator (for wet salt, gravel, salt and sand mix)
- + Optional color: orange
- + LED rear lights and license plate kit
- + LED work light
- + Salt Stop kit for dry/ fine salt
- + 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
- + Wheel loader / Forklift 1" Pin hitch, adjustable. Height adjustment.
- + Various wheel loader, tool carrier and forklifts mounts

ICESTRIKER™ 220-500 DSB DROP SPREADER



ICESTRIKER™ DSB SELF-LOADING DROP SPREADER FOR TRACTORS & LOADERS

Hilltip IceStriker™ DSB is a 220-500 l self-loading drop spreader bucket designed for compact tractors and loaders. These hydraulic or 12V electric spreaders can be mounted on the front or back of vehicles and are perfect for parking lots, courtyards, walkways and pedestrian paths. The spreader is designed for spreading salt, sand and fine gravel.

Control options for IceStriker™ DSB spreaders include our StrikeSmart™ Smartphone App via a Bluetooth link with the spreader or the hard-wired StrikeSmart™ CAN-BUS controller. HTrack™ 2-way online tracking/control system is available as an optional feature.



IceStriker™ 250 DSB

STANDARD FEATURES

- ✓ Hydraulic, conventional control
- ✓ Top screen prevents rocks and big material chunks from getting into the hopper

OPTIONAL FEATURES

- + 12 V electric
- + Advanced control options:
 - **Bluetooth StrikeSmart™ SmartPhone Control** with automatic GPS speed control & HTrack™ 2-way GPRS tracking/control system
 - **Hard wire StrikeSmart™ CAN-BUS Control** with automatic GPS speed control & HTrack™ 2-way GPRS tracking/control system
- + Smartphone controller holder
- + Self-loading design
- + LED Rear light kit
- + Various quick hook attachments for front loaders

TOWABLE ICESTRIKER™ SPREADER



TOWABLE ICESTRIKER™ 380-2100 SPREADERS

The Hilltip IceStriker™ 380 stainless steel spreader, 550, 900, 1150, 1600 and 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™ 900

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 DE-ICING SPRAYER



500-2000 LITER DE-ICING SPRAYER FOR PICKUPS, LIGHT TRUCKS & TRACTORS



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 liquid brine sprayer is designed for **maximum liquid tank capacity and for use on variety of vehicles, trucks and machines worldwide.**

The durable and light poly tanks are supported by a powder coated stainless-steel frame construction. The liquid pumps and CPU-unit is protected inside an easy-to-reach stainless-steel housing. These **fully 12V electric-powered** units help contractors reduce salt usage while increasing their level of service.



SprayStriker™ 500 on Kubota utility vehicle



SprayStriker™ 800 with optional 3-point hitch mount frame

SPRAYSTRIKER™ 500-2000 DE-ICING SPRAYER

STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 24)
- ✓ **GPS speed control** adjusts the liquid flow (ml/m²) according to your vehicle speed (see page 24)
- ✓ 12 V twin pumps
- ✓ 20 ml/m² at max speed 25km/h
- ✓ 2" camlock inlet for filling sprayer
- ✓ The StrikeSmart™ controller lets you operate the sprayer and its functions from inside the cab
- ✓ 2 m spray bar with double spray nozzles (7 + 7)
- ✓ Nozzles on the end of the boom, for extended spray width

OPTIONAL FEATURES

- + 12 m hose reel for spraying sidewalks and other hard-to-reach areas.
- + Beacon warning-light
- + LED work light
- + Adjustable leg stands
- + Electric solenoids on end nozzles controlled from cabin
- + 3-point hitch mount frame for SprayStriker™ 500 and 800
- + Optional color: orange



IceStriker™ 500 in optional orange color



Double spray nozzles for de-icing even at higher speeds



Optional manual hose reel, 12 m



Optional leg stand and sliding-tracks on truck bed for easy installation and removal of sprayer.

TOWABLE SPRAYSTRIKER™ 500-2000



TOWABLE 500-2000 LITER DE-ICING SPRAYER

SprayStriker™ 2000

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 / m² 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™ 2000

SPRAYSTRIKER™ 250 TR & 350 UTV - SERIES SPRAYER

250-350 LITER DE-ICING SPRAYER

The 250 TR and 350 UTV 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 and UTVs for use on pathways and other narrow areas. It can also be installed on tailgates and in receiver hitches with a wider spray bar. The tank is polyethylene and the body is made of zinc based mild steel with a powder coated 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 spray bars, 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™ 250 TR

STANDARD FEATURES

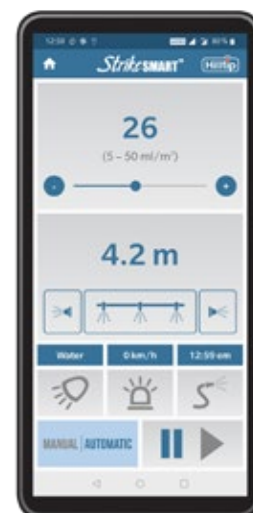
- ✓ **HTrack™ 2-way online tracking & control system** (see page 25)
- ✓ **GPS speed control** adjusts the liquid flow (ml/m²) according to your vehicle speed (see page 24)
- ✓ The spreader is controlled with Hilltip **StrikeSmart™ App**. Android smartphone is included.
- ✓ 12 V pump
- ✓ 0.8 m, 1.2 m or 2 m spray bar.
- ✓ Nozzles on the end of the boom for extended spray width

OPTIONAL FEATURES

- + 12 m hose reel for spraying sidewalks and other hard-to-reach areas.
- + Rear lights & license plate kit
- + LED Work light
- + Beacon warning-light
- + Directional in cabin control of side nozzles (both sides)
- + Smartphone controller holder

MOUNT TYPES

- + EU tow/tailgate hitch
- + Swing away mount, bolted
- + 3-point hitch, Cat I/II
- + Wheel loader/Forklift 1" Pin hitch, adjustable. Height adjustment.
- + Various wheel loader, tool carrier and forklifts mounts



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 are 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):

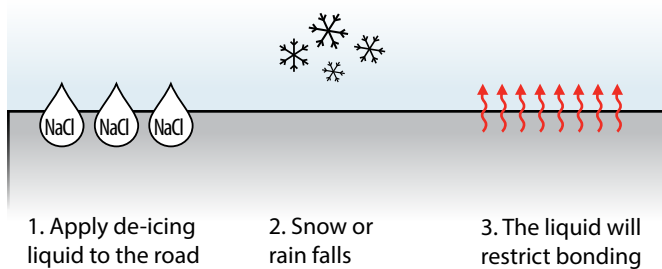
Natural liquid brine, most versatile deicer and commonly used to pre-wet.

-31,5° C at 29.8 %

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

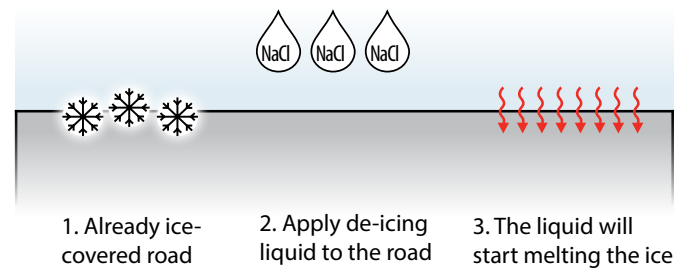
ANTI-ICING

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 ice to the road surface. 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.



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

TYPE	SALT BRINE NaCl	PRE-WETTED NaCl	DRY SALT NaCl	SAND
Spread volume	20-50 ml/m ²	10-25 g/m ²	20-40 g/m ²	150-250 g/m ²
Average Spread volume	35 ml/m ²	17 g/m ²	30 g/m ²	180 g/m ²
Spreading length/width	1000 m/2 m	1000 m/2 m	1000 m/2 m	1000 m/2 m
Spreading area	2000 m ²	2000 m ²	2000 m ²	2000 m ²
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™



“Hilltip’s spreaders and sprayers keep track of your expenses and provide evidence for slip and fall injury claims with HTrack™ as a standard feature!”

STRIKESMART™ CONTROL SYSTEM



STRIKESMART™ CONTROL APP & CONTROLLER



STRIKESMART™ CONTROL APP

The StrikeSmart™ control app is a standard feature for the IceStriker™ 120-300 tailgate spreader and SprayStriker™ 250TR & 350UTV Sprayer.

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 (g/m^2 or ml/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™ 380-1450 and SprayStriker™ 500-2000.

The color screen controller lets you customize your spreading session according to your current situation. Automatic GPS speed control adjusts the amount of spreading material (g/m^2 or ml/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

Date	2024-01-01 08:47:24
Vehicle	Transporter
Customer	ABC
Contract	Parking Area
Work site	ABC Parking
Spreading mode	Spreading dry
Spreading material	Salt
Amount	15 g/m ²
Spreading width	8 m
Vehicle speed	19 km/h

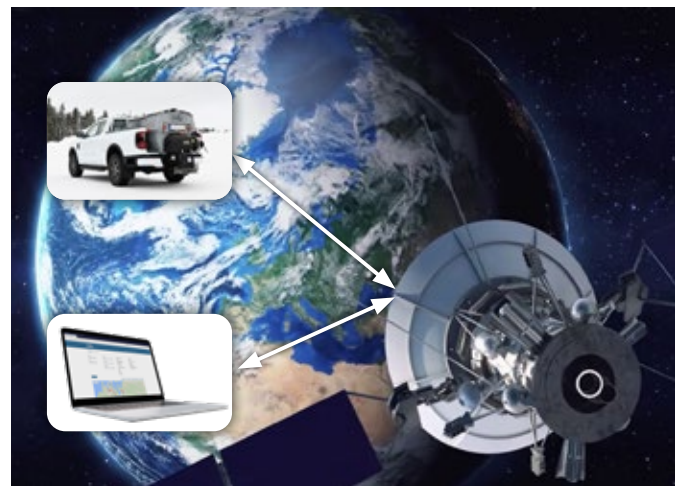
Detailed reports of ice control activities
with HTrack™

**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.

The HTrack™ system provides a **2-way online communication channel** as it informs the driver what sites to treat during operations. Application rates can be remotely set for each client's site according to weather conditions, enabling the driver to concentrate on completing the operation as quickly and safely as possible.



GPS satellite returns
vehicle position & speed



HTrack™ transfers spreading
data via mobile network



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.
- ✓ The spreading/spraying width is visually represented on the map.
- ✓ Download session reports and performance details.
- ✓ You can preset desired application rate for all your spreaders for specific work sites.
- ✓ HTrack™ precalculates your salt usage per work site.
- ✓ HTrack™ automatically recognizes when the spreader reaches a preset work site.
- ✓ You can change application rates on hundreds of spreaders in a few seconds!
- ✓ All tracking data is collected under specific work sites for easy reporting.



HTrack™ allows users to create work sites for their client's areas. They can see exactly the size of the area being treated and the amount of material needed.



Pop up on the controller screen when spreader reaches a preset work site.

WHY HILLTIP ICESTRIKER™ SPREADERS?

- ✓ The HTrack™ 2-way online tracking software 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.

STRIKESMART™ PLUS & TEMPSTRIKER™

STRIKESMART™ PLUS

The Hilltip **HTrack™** and **StrikeSmart™ PLUS** system are the next generation control systems, offered as **optional control feature to our current spreader controller**.

Hilltip's HTrack™ tracking and control system is the heart of our innovative system in our spreaders & sprayers, designed to provide you with **real-time information and control over your spreader fleet**.

STANDARD FEATURES

✓ Real-time weather forecast

With HTrack™, you'll have access to up-to-the-minute weather forecasts tailored to your location. No more relying on outdated information. Stay ahead of weather changes and adapt your spreading strategy accordingly.

✓ Spreading rate guidance

Based on the gathered data, HTrack™ provides **real-time recommendations for your spreading rate directly to the spreader controller**. This ensures efficient material usage while maximizing the effectiveness of your winter maintenance efforts. It can also suggest if you should use granulate salt or sand, pre-wetted salt or brine liquid.

✓ Save spreading setting on a specific route

With our updated HTrack™ features, the operator can save a specific spreading setting on the route driven. This ensures the same spreading direction or spreading width is always the same for a specific location. These settings can be stored before or after the route has been treated.

OPTIONAL FEATURES

+ Road condition monitoring with TEMPSTRIKER™

HTrack™, with our **TEMPSTRIKER™** sensor, continually monitors road conditions, assessing factors like **temperature, humidity, and surface conditions**. It's like having a digital road scout ensuring you always apply the right amount of material for the current situation.



8,7" touch screen and control panel



With the data fed by HTrack™, **StrikeSmart™ can automatically adjust the spreader's settings to match the weather & road conditions**. This automation ensures consistency and reduces the risk of over or under spreading.



By following the recommended spreading rates and adjusting them on the fly, you'll save on material costs while still maintaining optimal road conditions.

TECHNICAL SPECIFICATIONS



- ICESTRIKER™
- SPRAYSTRIKER™
- BRINEMIXX™

ICESTRIKER™ SPECIFICATIONS



ICESTRIKER™ 900 AM-1250 AML SPREADER

MODEL	900 AM	1150 AM	1250 AML
Total length (including spinner)	260 cm	260 cm	300 cm
Minimum truck bed length	170 cm	170 cm	210 cm
Maximum external width (with tarp mounted)	114 cm	114 cm	114 cm
Total height of the hopper from the loading surface of the carrying vehicle	115 cm	130 cm	115 cm
Capacity, struck	850 l	1100 l	1180 l
Capacity, rounded	900 l	1150 l	1250 l
Weight (empty)	225 kg	245 kg	270 kg
Hopper construction	Poly	Poly	Poly
Spreading width	1 - 12 m (may vary depending on material)		
Spinner size	390 mm	390 mm	390 mm
Auger diameter (stainless steel)	115 mm	115 mm	115 mm
Material	Salt, sand, fine gravel/ mixed (max 8 mm Ø)		
Vehicle	Min. 3,5 ton trucks	Min. 3,5 ton trucks	Min. 3,5 ton trucks

A = Auger, C = Chain, M = Modular

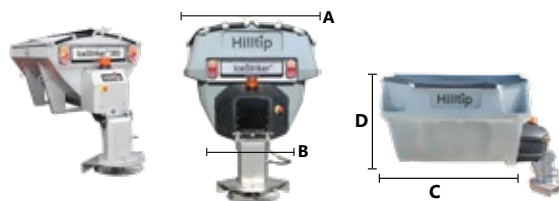
OPTIONAL LIQUID SYSTEM

MODEL	900 AM	1150 AM	1250 AML
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min
Spray bar, 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	450 l	450 l	530 l
Spray bar, liquid tank capacity	450 l / 1200 l *	450 l / 1200 l *	530 l / 1500 l *
Spraying material	Anti- and de-icing 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™ 380-1100 SPREADER

MODEL	380	550	750	850	1100
Overall Width A	91 cm	120 cm	120 cm	120 cm	120 cm
Width B	70 cm	90 cm	90 cm	90 cm	90 cm
Minimum Truck bed Length C	100 cm	120 cm	120 cm	170 cm	170 cm
Height D	73 cm	92 cm	107 cm	92 cm	107 cm
Capacity, struck	350 l	500 l	700 l	750 l	1000 l
Capacity, rounded	380 l	600 l	780 l	880 l	1100 l
Weight (empty)	120 kg	145 kg	170 kg	190 kg	215 kg
Hopper construction	Stainless steel	Poly	Poly	Poly	Poly
Spreading width	1 - 8 m (may vary depending on material)				
Spinner size	390 mm	390 mm	390 mm	390 mm	390 mm
Auger diameter	65 mm	65 mm	65 mm	65 mm	65 mm
Material	Salt, sand, fine gravel/ mixed (max 8 mm Ø)				
Vehicle	Pick-ups and UTV	Pick-ups and UTV	Pick-ups and UTV	Pick-ups and trucks	Min. 3,5 ton trucks

OPTIONAL LIQUID SYSTEM 550-1100

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)			
Spraybar, 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
Spraybar, liquid tank capacity	330l/900l*	330l/900l*	450l/1200l*	450l/1200l*
Spraying material	Anti- and de-icing liquids, water. **			

* With optional bladder tank inside for spray bar system

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

PRE-WET SYSTEM 380

MODEL	380
Spray volume	3-12 l/min
Liquid tank capacity	100 l
De-icing solutions	Anti- and de-icing liquids, water**

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

Specifications and other details are subject to change without notice.

ICESTRIKER™ SPECIFICATIONS



ICESTRIKER™ 600-1000 TR SPREADER

MODEL	600 TR	900 TR	1150 TR	1450 TR
Overall width	150 cm	205 cm	205 cm	205 cm
Height	150 cm	168 cm	180 cm	191 cm
Depth	148 cm	125 cm	125 cm	125 cm
Capacity, struck	550 l	800 l	1100 l	1300 l
Capacity, rounded	600 l	900 l	1150 l	1450 l
Weight (empty)	320 kg	730 kg	755 kg	780 kg
Hopper construction	Poly	Poly	Poly	Poly
Spreading width	1-8 m (may vary depending on material)		1-12 m (may vary depending on material)	
Spinner size	390 mm	500 mm	500 mm	500 mm
Auger diameter	65 mm	115 mm	115 mm	115 mm
Vehicle	Tractors/loaders			
Material	Salt, sand, fine gravel/ mixed (max 8mm Ø)			

OPTIONAL LIQUID SYSTEM

MODEL	600 TR	900 TR	1150 TR	1450 TR
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)			
Spraybar, Spraying width	2-5 m	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	330 l	450 l	450 l	450 l
Spraybar, liquid tank capacity	330/900 l *	450 l/1200 l *	450 l/1200 l *	450 l/1200 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™ & SPRAYSTRIKER™ SPECIFICATIONS



ICESTRIKER™ 120-300 SPREADER

MODEL	120	200	300
Total width	80 cm	80 cm	80 cm
Total depth	60 cm	60 cm	60 cm
Total height	82 cm	105 cm	130 cm
Capacity, struck	120 l	205 l	290 L
Capacity, rounded	130 l	215 l	305 l
Weight (empty)	58 kg	65 kg	70 kg
Hopper construction	Poly	Poly	Poly
Spreading width	1-8 m (may vary depending on material)		
Spinner size	320 mm	320 mm	320 mm
Auger diameter (stainless steel)	65 mm	65 mm	65 mm
Material	Salt, sand, fine gravel/ mixed (max 8 mm Ø)		
Vehicle	Utility vehicles, pick-ups, vans, tractors, loaders and forklifts		



ICESTRIKER™ DSB

MODEL	220 DSB	280 DSB	250 DSB	320 DSB	400 DSB	500 DSB
Width	900 mm	900 mm	1200 mm	1200 mm	1200 mm	1200 mm
Height	600 mm	745 mm	600 mm	690 mm	765 mm	840 mm
Volume	220 l	280 l	250 l	320 l	400 l	500 l
Weight (empty)	135 kg	170 kg	160 kg	190 kg	200 kg	210 kg
Spreading width	80 cm	80 cm	110 cm	110 cm	110 cm	110 cm
Self loading	Yes					
Source of power	12V electric or hydraulic					
Material	Salt, sand, fine gravel/ mixed (max 10 mm Ø)					
Vehicle	Tractors & Loaders					

ICESTRIKER™ SPECIFICATIONS



TOWABLE ICESTRIKER™

MODEL	380	550	900	1150	1600	2100
Capacity, struck	350 l	500 l	850 l	1100 l	1500 l	2000 l
Capacity, rounded	380 l	600 l	900 l	1150 l	1600 l	2100 l
Spreader weight, empty	120 kg	145 kg	225 kg	245 kg	360 kg	395 kg
Hopper construction	Stainless steel	Poly	Poly	Poly	Poly	Poly
Spreading width	1-8 m (may vary depending on material)		1-12 m (may vary depending on material)			
Spinner size	390 mm	390 mm	390 mm	390 mm	500 mm	500 mm
Auger diameter	65 mm	65 mm	115 mm	115 mm	150 mm	150 mm
Material	Salt, sand, fine gravel/ mixed (max 8mm Ø)					
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
Total trailer length (including spinner)	2550mm	2550/ 4500 mm	3940 mm	3940mm	4500 mm	4500 mm
Total trailer width	1600 mm	1700 mm	1450 mm	1450 mm	1700 mm	1700 mm
Height	1500 mm	1650 mm	1900 mm	2003 mm	2000 mm	2140 mm
Max weight (loaded)	750 kg	750kg/ 2700 kg	2700 kg	2700 kg	3500 kg	3500 kg

Specifications and other details are subject to change without notice.



Towable IceStriker™ 900

SPRAYSTRIKER™ SPECIFICATIONS



SPRAYSTRIKER™ 500-2000 SPRAYER

MODEL	500 LITER	800 LITER	1000 LITER	1500 LITER	2000 LITER
Height	105 cm	125 cm	105 cm	105 cm	105 cm
Width	106 cm	127 cm	106 cm	106 cm	106 cm
Length	100 cm	127 cm	160 cm	225 cm	285 cm
Tank volume	500 l	800 l	1000 l	1500 l	2000 l
Spray width (max)	5 m	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	5-36 l/min
Weight	180 kg	200 kg	230 kg	280 kg	350 kg



TOWABLE SPRAYSTRIKER™

MODEL	500 LITER	1000 LITER	1500 LITER	2000 LITER
Tank volume	500 l	1000 l	1500 l	2000 l
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



SPRAYSTRIKER™ 250 TR & 350 UTV-SERIES

MODEL	250 TR	350 UTV
Liquid tank capacity	250 l	350 l
Width	90 cm	100 cm
Height	120 cm	95 cm
Length	70 cm	85 cm
Empty Weight	120 kg	140 kg
Spraybar width	0,8 m, 1,2 m or 2 m	0,8 m, 1,2 m or 2 m
Spraying width	0,8 - 5 m	0,8 - 5 m
Spray volume	3-18 l/min	3-18 l/min
Power supply	12 V, max 30 Ah	12 V, max 30 Ah

Specifications and other details are subject to change without notice.

BRINEMIX™ SPECIFICATIONS



BRINEMIXX™ BRINE BLENDER

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

Specifications and other details are subject to change without notice.



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 manufactured in our factory in Finland and distributed worldwide. Head office and production are located in Pietarsaari, Finland and our two subsidiaries, Hilltip Corp. in the US and Hilltip GmbH in Germany.



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