

## Jetbroom 10000 with attachments

Prices without VAT

Code	Description	MSRP	HGAC USD
<b>120067</b>	<b>Jetbroom 10000 multifunctional basic vehicle</b> Compact, high-performance multifunctional machine, can be fitted with all equipment, special chassis for use in 2- or 3-axle versions, platform with equipment superstructure, SN front hitch plate, central greasing system, basic hydraulics, turbine and broom drive, FM and AM hydraulics, AM and FM cooling system, batteries, EBS braking system, engine brake, electronics, suspensions, 2-door comfort cab, additional side mirrors on cab (visibility in front of cab on left and right), air conditioning, auxiliary heating, lighting strip, 2 side working lights, AM/FM radio, 6 kg ABC powder fire extinguisher with holder in cab, toolbox, wheel chock (2 pcs.), operating manual, digital spare parts list, Vpad with preparation for data entry.  Performance and environmental data: - Drive engine and work engine OM 471 / Euro 6 / 330kW / 450 HP. - Diesel tanks 2 x 500 l, connected by pipe and 2 shut-off valves - AdBlue tanks 2 x 60 l, not connected - Gearbox yp G280-16 EPS III K - Fully mechanical 4x4 drive / 4x4 steering - 2 x 14 t axles / hydraulic suspension for front and rear axles - Goodyear tires 445/75 R 22.5 - 14m³/s radial fan	<b>\$ 1,196,433.33</b>	<b>\$ 1,076,790.00</b>
<b>120101016030</b>	<b>3rd axle for basic vehicle</b> 3rd axle with hydraulic steering and hydraulic suspension to increase payload (de-icing fluid/refuse tanks), axle not driven	<b>\$ 40,308.00</b>	<b>\$ 36,277.00</b>
<b>120120</b>	<b>Spare wheel</b>	<b>\$ 2,189.00</b>	<b>\$ 1,990.00</b>
<b>120101009530</b>	<b>Spare wheel for 3rd axle</b>	<b>\$ 1,485.00</b>	<b>\$ 1,350.00</b>
<b>120062</b>	<b>Extended cabin access</b>	<b>\$ 2,508.00</b>	<b>\$ 2,280.00</b>
<b>120101016060</b>	<b>Corrosion prevention</b> The base vehicle and the sweeper-blower are treated before delivery with a corrosion protection wax (Dinitrol). This wax has casting properties and protects the vehicle for up to several months, depending on the thawing agent used. If necessary, the wax must be renewed before the end of the warranty period.	<b>\$ 6,699.00</b>	<b>\$ 6,090.00</b>
<b>120101016070</b>	<b>Back-up camera</b> Back-up camera to monitor the rear of the vehicle during operation and manoeuvring. Additional cameras to the left and right of the cab for improved side visibility. Separate display in the cab.	<b>\$ 2,959.00</b>	<b>\$ 2,690.00</b>
<b>120151</b>	<b>Radio DAB+</b>	<b>\$ 737.00</b>	<b>\$ 670.00</b>
<b>120101016090</b>	<b>Cold pack -25 °C 120 V / 60 Hz</b> American standard contains : Cooling water down to -25°C External starting device (NATO plug), with opposite plug, 3 m cable and clamps Battery charger 120 VAC / 24 VDC Cooling water heater 120 VAC 750 W Hydraulic oil heater 120 VAC 350 W	<b>\$ 10,593.00</b>	<b>\$ 9,630.00</b>
<b>120085</b>	<b>Cold pack -40 °C 120 V / 60 Hz</b> American standard contains : Cooling water down to -40°C External starter (NATO plug), with opposite plug, 3 m cable and clamps Battery charger 120 VAC / 24 VDC Cooling water heater 120 VAC 750 W Hydraulic oil heater 120 VAC 350 W Diesel filter heater 24 VDC Heating mat on diesel tank 4 x 400 W 120 V	<b>\$ 17,666.00</b>	<b>\$ 16,060.00</b>
<b>120101016120</b>	<b>Water system (summer service)</b>	<b>\$ 15,114.00</b>	<b>\$ 13,740.00</b>
<b>120101016130</b>	<b>Hydraulic pump for mounted spreader</b>	<b>\$ 8,536.00</b>	<b>\$ 7,760.00</b>

120101005090	<b>Cabin and body color</b> airport yellow RAL 1004	\$ -	\$ -
120101005100	<b>Cabin and body color</b> airport orange RAL 2011	\$ -	\$ -
120101005110	<b>Cabin and body color</b> Special color according to color sample, monochromatic RAL Grey-painted parts remain unchanged.	\$ 5,918.00	\$ 5,380.00
120101016150	<b>Rear duct in front of the rear axle</b> Main blowing unit in front of the rear axle with two hydraulically lowerable air nozzles on the left and right sides, two large air connection hoses to the air distribution unit on the vehicle and a transverse, non-liftable, downward-opening air duct in front of the rear axle. Duct within the width of the vehicle. Not to be used with sweeper-blower units with support wheels.	\$ 19,184.00	\$ 17,266.00
120101016160	<b>Rear duct for 2-axle vehicle, integrated to the rear duct for 4.2 m broom</b> Main blowing unit at the rear of the vehicle (behind the rear axle) with two hydraulically folding air nozzles on the left and right sides, two large air connection pipes to the air distribution unit on the vehicle, and a hydraulically raisable and lowerable, downward-opening air guide duct arranged transversely behind the rear axle. Removable, broom-width duct	\$ 37,247.00	\$ 33,522.00
120101016170	<b>Rear duct for 2-axle vehicle, integrated to the rear duct for 6.24 m broom</b> Main blowing unit at the rear of the vehicle (behind the rear axle) with two hydraulically folding air nozzles on the left and right sides, two large air connection pipes to the air distribution unit on the vehicle, and a hydraulically raisable and lowerable, downward-opening air guide duct arranged transversely behind the rear axle. Removable, broom-width duct	\$ 37,247.00	\$ 33,522.00
120101016550	<b>Rear duct for 3 axle vehicle, integrated to the rear duct for 4.2 m broom</b> Main blowing unit at the rear of the vehicle (behind the rear axle) with two hydraulically folding air nozzles on the left and right sides, two large air connection pipes to the air distribution unit on the vehicle, and a hydraulically raisable and lowerable, downward-opening air guide duct arranged transversely behind the rear axle. Removable, broom-width duct	\$ 37,247.00	\$ 33,522.00
120101016560	<b>Rear duct for 3 axle vehicle, integrated to the rear duct for 6.24 m broom</b> Main blowing unit at the rear of the vehicle (behind the rear axle) with two hydraulically folding air nozzles on the left and right sides, two large air connection pipes to the air distribution unit on the vehicle, and a hydraulically raisable and lowerable, downward-opening air guide duct arranged transversely behind the rear axle. Removable, broom-width duct	\$ 37,247.00	\$ 33,522.00
120101016180	<b>Sweeper-blower KG 4.20 AQL</b> <b>With support wheels*</b> High-performance sweeper-blower unit with patented QUATTRO-Jet system for greater sweeping capacity (width and speed) while retaining the same compactness and extended broom life, suspended on a slewing ring with adjustment facility for left or right-hand sweeping during operation, can be optionally equipped with circular or cassette elements, including fixed broom cover and beacon lighting. Driven by hydraulic motors mounted directly on either side of the drum, easy control of all parameters for optimum sweeping via Vpad and one or two joysticks, pre-programming possible.  Broom length: 4'200 mm Broom diameter: 1'170 mm Sweeping width: 3'900 mm *The broom adapts to the topography of the ground through its wheels	\$ 120,648.00	\$ 109,680.00

120101016190	<b>Sweeper-blower KG 4.20 AQ</b> <b>Without support wheels*</b> High-performance sweeper-blower unit with patented QUATTRO-Jet system for greater sweeping capacity (width and speed) while retaining the same compactness and extended broom life, suspended on a slewing ring with adjustment facility for left or right-hand sweeping during operation, can be optionally equipped with circular or cassette elements, including fixed broom cover and beacon lighting. Driven by hydraulic motors mounted directly on either side of the drum, easy control of all parameters for optimum sweeping via Vpad and one or two joysticks, pre-programming possible.  Broom length: 4'200 mm Broom diameter: 1'170 mm Sweeping width: 3'900 mm  *The broom without wheels is raised and lowered hydraulically. The contact pressure is automatically and continuously adjusted. The broom adapts directly to the nature of the ground, enabling high snow-clearing speeds.	\$ 104,676.00		\$ 95,160.00
120101015650	<b>Broom core</b> <b>For cassette, length 4.2 m</b> One-piece precision broom core with aluminum broom cassette receiving profiles; 28 perimeter ribs	\$ 25,740.00		\$ 23,400.00
120101015670	<b>Broom core</b> <b>For circular elements Length 4.2 m</b> One-piece precision broom core with aluminum circular brush holders	\$ 20,207.00		\$ 18,370.00
120101015690	<b>Brush set cassettes steel 4200</b> Broom cassettes with bunches of waved galvanised steel wire 0.45 mm	\$ 6,523.00		\$ 5,930.00
120101015710	<b>Brush set cassettes plastic 4200</b> Broom cassettes with bunches of polypropylene 2.8 mm	\$ 5,456.00		\$ 4,960.00
120101015730	<b>Brush set rings steel 4200</b> Ring broom elements with bunches of waved galvanised steel wire 0.45 mm	\$ 8,393.00		\$ 7,630.00
120101015750	<b>Set of polypropylene circular broom elements 4200</b> Ring broom elements with bunches of polypropylene 2.8 mm	\$ 3,080.00		\$ 2,800.00
120082	<b>Spare-broom core for ring elements 4.20 m</b> Precision broom core, one-piece, with ring broom sections made of aluminium, for quick shaft exchange	\$ 15,851.00		\$ 14,410.00
120101016200	<b>Sweeper-blower KG 6.24 AQL</b> <b>With support wheels*</b> High-performance sweeper-blower unit with patented QUATTRO-Jet system for greater sweeping capacity (width and speed) while retaining the same compactness and extended broom life, suspended on a slewing ring with adjustment facility for left or right-hand sweeping during operation, can be optionally equipped with circular or cassette elements, including fixed broom cover and beacon lighting. Driven by hydraulic motors mounted directly on either side of the drum, easy control of all parameters for optimum sweeping via Vpad and one or two joysticks, pre-programming possible.  Broom length: 6'240 mm Broom diameter: 1'170 mm Sweeping width: 5'800 mm *The broom adapts to the topography of the ground through its wheels	\$ 161,755.00		\$ 147,050.00

120101016210	<b>Sweeper-blower KG 6.24 AQ</b> <b>Without support wheels*</b> High-performance sweeper-blower unit with patented QUATTRO-Jet system for greater sweeping capacity (width and speed) while retaining the same compactness and extended broom life, suspended on a slewing ring with adjustment facility for left or right-hand sweeping during operation, can be optionally equipped with circular or cassette elements, including fixed broom cover and beacon lighting. Driven by hydraulic motors mounted directly on either side of the drum, easy control of all parameters for optimum sweeping via Vpad and one or two joysticks, pre-programming possible.  Broom length: 6'240 mm Broom diameter: 1'170 mm Sweeping width: 5'800 mm  *The broom without wheels is raised and lowered hydraulically. The contact pressure is automatically and continuously adjusted. The broom adapts directly to the nature of the ground, enabling high snow-clearing speeds.	\$ 135,861.00		\$ 123,510.00
120101015660	<b>Broom core</b> <b>For cassette, length 6.24 m</b> One-piece precision broom core with aluminum broom cassette receiving profiles; 28 perimeter ribs	\$ 29,711.00		\$ 27,010.00
120101015680	<b>Broom core</b> <b>For circular elements Length 6.24 m</b> One-piece precision broom core with aluminum circular brush holders	\$ 23,782.00		\$ 21,620.00
120101015700	<b>Brush set cassettes steel 6240</b> Broom cassettes with bunches of waved galvanised steel wire 0.45 mm	\$ 9,768.00		\$ 8,880.00
120101015720	<b>Brush set cassettes plastic 6240</b> Broom cassettes with bunches of polypropylene 2.8 mm	\$ 6,523.00		\$ 5,930.00
120101015740	<b>Brush set rings steel 6240</b> Ring broom elements with bunches of waved galvanised steel wire 0.45 mm	\$ 11,957.00		\$ 10,870.00
120101015760	<b>Set of polypropylene circular broom elements 6240</b> Ring broom elements with bunches of polypropylene 2.8 mm	\$ 4,400.00		\$ 4,000.00
120080	<b>Spare-broom core for ring elements 6.24 m</b> Precision broom core, one-piece, with ring broom sections made of aluminium, for quick shaft exchange	\$ 24,178.00		\$ 21,980.00
130150000120	<b>Snowplow MF 10.3</b> Single-sided, high-speed plow for left and right-hand use, with large over-width on the pivoting side as a blowing space for the sweeper-blower unit and for optimum use of the broom's working width, 6 spring-mounted snow-clearing elements with articulated plastic arms, 2 height-adjustable support wheels with single tires, upper blade profile for optimum snow guidance, beacon lighting, hydraulic block for lifting and swiveling with overpressure and shock valves and proportional snowplow relief system, towing device with hydraulic lifting and swiveling system. Lifting and lowering controlled by Vpad joystick.  Snowplow width: 6,400 mm Clearing width: 5'632 mm @ 32°	\$ 71,953.00		\$ 64,758.00
120150000110	<b>Side flaps MF 10.3</b>	\$ 14,436.00		\$ 12,992.00
130150009420	<b>Double scraping strip MF 10.3</b>	\$ 6,215.00		\$ 5,650.00

<b>130150000130</b>	<b>Snowplow MF 84</b> Single-sided, high-speed plow for left and right-hand use, with large over-width on the pivoting side as a blowing space for the sweeper-blower unit and for optimum use of the broom's working width, 6 spring-mounted snow-clearing elements with articulated plastic arms, 2 height-adjustable support wheels with single tires, upper blade profile for optimum snow guidance, beacon lighting, hydraulic block for lifting and swiveling with overpressure and shock valves and proportional snowplow relief system, towing device with hydraulic lifting and swiveling system. Lifting and lowering controlled by Vpad joystick.  Snowplow width: 8,400 mm Clearing width: 7'140 mm @ 32°	\$ 70,921.00		\$ 63,829.00
<b>130150000140</b>	<b>Snowplow MF 2S/84</b> Single-sided, high-speed snowplow for left and right-hand use, with large over-width on the pivoted side serving as a blowing space for the sweeper-blower unit, and for optimum use of the brush's working width, both ends of the plow blade (the two outer elements) can be pivoted through 90° to reduce the passage width, 8 spring-mounted snow-clearing elements with articulated plastic arms, 2 height-adjustable support wheels with single tires, top blade profile for optimum snow guidance, beacon lighting, hydraulic block for lifting and swiveling with overpressure and shock valves and proportional snowplow relief system, towing device with hydraulic lifting and swiveling system. Lifting and lowering controlled by Vpad joystick.  Snowplow width: 8,400 mm Clearing width: 7'140 mm @ 32°	\$ 94,403.00		\$ 84,963.00
<b>130150000150</b>	<b>Snowplow MF 84 QC</b> Single-sided, high-speed snowplow for left and right-hand use, with large extra width on the pivoting side as a blowing space for the sweeper-blower unit and for optimum use of the broom working width, 8 spring-mounted snow-clearing elements with articulated plastic arms, 2 height-adjustable support wheels with single tires, upper plow profile for optimum snow guidance, marker lights, hydraulic block for lifting and swiveling with overpressure and shock valves and proportional snowplow relief system, towing device with hydraulic lifting and swiveling system. Lifting and lowering controlled by Vpad joystick (QC = Quick coupler).  Snowplow width: 8'400 mm Clearing width: 7'140 mm @ 32°	\$ 78,350.00		\$ 70,515.00
<b>130150009430</b>	<b>MF 84 / MF 2S/84 / MF 84 QC dual scraper belt</b>	\$ 8,404.00		\$ 7,640.00
<b>140201012920</b>	<b>De-icer IMS2FE29040H</b> Hopper length 2'900 mm Solid content 4 m³ Auger conveyor Spreading by spreading plate Spreading width 3 - 12 m	\$ 56,137.00		\$ 50,523.00
<b>140201012940</b>	<b>De-icer IMS2FB29040H</b> Hopper length 2'900 mm Solid content 4 m³ Belt conveyor Spreading by spreading plate Spreading width 3 - 12 m	\$ 56,137.00		\$ 50,523.00
<b>140201012930</b>	<b>FS option for de-icer IMS2FE29040H et IMS2FB29040H</b> 2 side tanks with 2240 l liquid de-icing agent capacity for use with mixed de-icing materials or 100% liquid de-icing agent. Spreading via the spreading plate of the basic system.	\$ 10,989.00		\$ 9,890.00

140201012960	<b>De-icer IMS2FE35050H</b> Hopper length 3'500 mm Solid content 5 m³ Auger conveyor Spreading by spreading plate Spreading width 3 - 12 m Please note: 3rd axle required for basic vehicle 120101016030	\$ 58,576.00	\$ 52,718.00
140201012980	<b>De-icer IMS2FB35050H</b> Hopper length 3'500 mm Solid content 5 m³ Belt conveyor Spreading by spreading plate Spreading width 3 - 12 m Please note: 3rd axle required for basic vehicle 120101016030	\$ 58,576.00	\$ 52,718.00
140201012970	<b>FS option for de-icer IMS2FE35050H et IMS2FB35050H</b> 2 side tanks with a capacity of 2660 l of liquid de-icing agent for use with mixed de-icing materials or 100% liquid de-icing agent. Spreading via the spreading plate of the basic system.	\$ 10,989.00	\$ 9,890.00
120201013000	<b>De-icer SDA S3, 3 cascade tanks, 4950 liters</b> Liquid de-icer with spray system via 3 spray blocks for spreading widths from 3 to 15 m. Asymmetrical spraying is also possible, depending on the use of the spray heads.	\$ 81,051.00	\$ 72,946.00
120201013010	<b>De-icer SDA S3, 4 cascade tanks, 6600 litres</b> Liquid de-icer with spray system via 3 spray blocks for spreading widths from 3 to 15 m. Depending on spray head usage, asymmetrical spraying is also possible. Please note: 3rd axle required for basic vehicle 120101016030	\$ 88,368.00	\$ 79,531.00
120112	<b>"Rigid, height-adjustable" 4 unités 4 units</b> Load capacity 12 t	\$ 4,367.00	\$ 3,970.00
120111	<b>ASSH removal device</b> Manual lifting, load capacity 12 t	\$ 4,906.00	\$ 4,460.00
120101016220	<b>2 extraction vents for summer service</b> Mounted in front of the sweeping unit as quick-change units. A mobile stand is included for each suction port to facilitate assembly and disassembly, as well as storage in the garage. Please note: only available in combination with the 120101016240 waste hopper.	\$ 47,894.00	\$ 43,540.00
120101016230	<b>2 glycol suction vents for winter service</b> They are mounted in front of the 4.2 m sweeping unit to absorb liquids over the full width of the brush. A mobile stand is included for each suction port, for easy mounting and dismounting, as well as storage in the garage. Please note: only available in conjunction with the 120101016240 waste hopper.	\$ 72,666.00	\$ 66,060.00
120101016240	<b>Waste hopper JB 10000</b> 9 m³ gross tank volume, 1650-liter fresh water tank, stainless steel construction, vacuum section with load-bearing capacity of 1200 mm w.c., water level indicator (sight glass) on tank, tilting waste tank, hydraulic lid control and locking, 2 front suction connections, coarse filter system integrated in the waste container, air suction channel to the air turbine with hydraulically operated suction valve, work functions via Vpad in the cab, water pump for dust removal and hose reel with spray gun. Exterior / interior dimensions : Overall length: 3'970 mm / 3'950 mm Width: 2'420 mm / 2'400 mm Height: 1'683 mm / 1'230 mm	\$ 120,483.00	\$ 109,530.00

120101016250	<b>Rear suction system JB 10000</b> Working width of 2.5 m, attached to the chassis on a stable support frame, the suction nozzles are moved hydraulically by a parallelogram from the transport position (approx. 350 mm from the ground) to the working position and guided on the ground by swivelling support wheels, absorption of liquids and solids, in particular glycol, grit, sand, granules, etc., by the suction system. When emptying the tank, it is not necessary to tilt the suction system upwards, as a separate spout carries the absorbed liquid above the suction system. Please note: only possible in conjunction with the 120101016240 waste hopper.	\$ 50,512.00		\$ 45,920.00
120101016260	<b>Hand-suction hose JB 10000</b> Hand suction device at the rear of the waste hopper, swivel arm with spring-loaded relief, water supply with dust-neutralizing nozzle. Please note: only possible in combination with the 120101016240 waste hopper and without the 12010101625 rear extraction system.	\$ 10,296.00		\$ 9,360.00
120101016270	<b>Front magnetic bar 2.5 m</b> Front-mounted with lifting/lowering device and hinged bottom plate for disposal of collected parts.	\$ 34,298.00		\$ 31,180.00
120101016280	<b>Front magnetic bar 4.2 m</b> Front panel-mounted with lifting/lowering device and folding bottom plate for disposal of collected parts. Side elements (left and right) extend the pick-up area to 4.2 m.	\$ 57,937.00		\$ 52,670.00
120112	<b>"Rigid, height-adjustable" 4 unités 4 units</b> Load capacity 12 t	\$ 4,367.00		\$ 3,970.00
120111	<b>ASSH removal device</b> Manual lifting, load capacity 12 t	\$ 4,906.00		\$ 4,460.00
120063	<b>Tool kit</b> To swivel the arm of the broom when mounting/dismounting the broom shaft. Caution: only for broom with circular elements!	\$ 484.00		\$ 440.00
120163	<b>Stands for sweeper-blower unit</b> Support legs for sweeper-blower unit removal	\$ 6,545.00		\$ 5,950.00
120064	<b>Mounting cart for 46" broom</b>	\$ 5,830.00		\$ 5,300.00
120066	<b>Lifting device Quattro Jet nozzles</b>	\$ 7,458.00		\$ 6,780.00
	<b>bVision</b>			
705200019750	<b>Customer account setup, one-time flat-rate fee</b>	\$ 616.00		\$ 560.00
705200019753	<b>Vehicle registration in customer account, one-time flat-rate fee</b>	\$ 176.00		\$ 160.00
700070	<b>Data collection "Performance monitoring", by subscription, annual price</b> Integrated functionalities include : - Data collection - Monitoring of vehicle parameters and equipment - Hindsight up to -8 hours - Route analysis	\$ 572.00		\$ 520.00
705200019737	<b>Navigation, one-time package</b> - Navigation function in Vpad - Ability to read predefined itineraries - Possibility of saving itineraries - Classic go-to feature	\$ 1,529.00		\$ 1,390.00
705200023600	<b>Navigation, subscription-based, annual fee</b> - Navigation function in Vpad - Ability to read predefined itineraries - Possibility of saving itineraries - Classic go-to feature	\$ 781.00		\$ 710.00
705200019738	<b>GPS-controlled navigation and spreading, one-time package</b> - Navigation function in Vpad - Ability to read predefined itineraries - Possibility of saving itineraries - Classic go-to feature- Automatic spreading setting adjustment	\$ 2,013.00		\$ 1,830.00

705200023610	<b>GPS-controlled navigation and spreading, subscription-based, annual fee</b> - Navigation function in Vpad - Ability to read predefined itineraries - Possibility of saving itineraries - Classic go-to feature- Automatic spreading setting adjustment	\$ 1,012.00		\$ 920.00
700050	<b>Navigation update, single amount per update</b>	\$ 1,232.00		\$ 1,120.00
700071	<b>GPS-controlled navigation and spreading, single amount per update</b>	\$ 1,837.00		\$ 1,670.00
60630.320512	<b>USB key with cartography</b> - USB stick with cartography, required for navigation settings.	\$ 165.00		\$ 150.00
	<b>Training</b>			
	<b>Initial training on site (additional)</b>			
800222	<b>Initial driver training for up to 8 people on site, America</b> 2 days training with 1 trainer on site	\$ 8,800.00		\$ 8,000.00
800223	<b>Initial driver training for up to 16 people on site, America</b> 4 days training with 1 trainer on site	\$ 13,200.00		\$ 12,000.00
800224	<b>Initial driver training for up to 24 people on site, America</b> 6 days training with 1 trainer on site	\$ 16,500.00		\$ 15,000.00
800225	<b>Initial technician training for up to 8 people on site, America</b> 2 days training with 1 trainer on site	\$ 8,800.00		\$ 8,000.00
800226	<b>Initial technician training for up to 16 people on site, America</b> 4 days training with 1 trainer on site	\$ 13,200.00		\$ 12,000.00
800227	<b>Initial technician training for up to 24 people on site, America</b> 6 days training with 1 trainer on site	\$ 16,500.00		\$ 15,000.00
	<b>Care Plans</b>			
	<b>Warranty Plans</b>			
810073	<b>Warranty Plan FACTORY (Standard)</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  For vehicles/attachments, the standard warranty period is twenty-four (24) months or one thousand (1,000) operating hours, whichever comes first. The current GTC apply.	\$ -		\$ -
810190	<b>Warranty Plan Jetbrooms 250</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 250 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 250h; Care Plan ends after 3 years or after reaching 750 operating hours.	\$ 34,287.00		\$ 31,170.00



810191	<b>Warranty Plan Jetbrooms 500</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 500 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 500h; Care Plan ends after 3 years or after reaching 1500 operating hours.	\$ 48,565.00		\$ 44,150.00
810192	<b>Warranty Plan Jetbrooms 750</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 750 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 750h; Care Plan ends after 3 years or after reaching 2250 operating hours.	\$ 60,698.00		\$ 55,180.00
	<b>Preventive material &amp; Diagnostics</b>			
	<b>Material starter kits</b>			
120280	<b>Material starter kit JB10000</b> Starter package with the most important spare-, maintenance- and wear parts for the basic vehicle, preferential conditions with 30% discount, only valid in combination with a vehicle purchase.  (If the required parts are covered by the standard warranty or a Care Plan, the parts will be reimbursed).	\$ 17,578.00		\$ 15,980.00
	<b>Diagnostic kits</b>			
120283	<b>Diagnostic kit JetBroom for dealers</b> JetBroom diagnostic kit for dealers, engine diagnostic device (Xentry or Serdia) not included. Diagnostic tools for VPad 2	\$ 5,126.00		\$ 4,660.00
120284	<b>JetBroom diagnostic kit for end customers</b> JetBroom diagnostic kit for end customers, engine diagnostic device (Xentry or Serdia) not included	\$ 5,126.00		\$ 4,660.00

## Jetbroom-T 10000 Gen2 with attachments

Prices without VAT

Code	Description	MSRP	HGAC USD
120272	<b>Jetbroom 10000 T (Gen 2) basic vehicle</b> High-performance towed sweeper-blower including front and rear chassis, air blower with side nozzles (central air channel with air distribution), electrical system, hydraulic system ( incl. snowplow), Knorr TEBS dual-circuit braking system, central oil lubrication system, BEKA Groeneveld, mudguards, rear impact protection, rear ICAO rotating beacon, Vpad with data collection preparation.  Performance and environmental data: - Cummins L9-C430 work engine with 321 kW / 436 HP @ 2'000 min-1, max. torque. 1,846 Nm @ 1,500 min-1, emissions: STAGE V - 2 x 300 l diesel tanks, connected by pipe - 58lt AdBlue tank - 11t steering axle with automatic steering system and steering alignment - Goodyear tires 385/65 R 22.5 - 12m³/s radial fan	\$ 318,472.00	\$ 289,520.00
120210	<b>Yellow finish</b> RAL 1004	\$ -	\$ -
120211	<b>Orange finish</b> RAL 2011	\$ -	\$ -
120212	<b>Special color finish</b> Color upon customer request	\$ 8,338.00	\$ 7,580.00
120213	<b>Vehicle model Long central chassis</b> For KG 6.24 TL (Gen 2) sweeper	\$ 51,249.00	\$ 46,590.00
120101015570	<b>Corrosion prevention</b> The base vehicle and the sweeper-blower are treated before delivery with a corrosion protection wax (Dinitrol). This wax has casting properties and protects the vehicle for up to several months, depending on the thawing agent used. If necessary, the wax must be renewed before the end of the warranty period.	\$ 4,840.00	\$ 4,400.00
120215	<b>Rearview camera</b> A 9" in-cab rear view camera to monitor the rear of the vehicle	\$ 2,409.00	\$ 2,190.00
120216	<b>360° camera system</b> Six rear-view cameras to monitor the vehicle from a 360° perspective, with a 9" screen in the cab	\$ 4,235.00	\$ 3,850.00
120251	<b>Vpad with Data acquisition</b>	\$ 7,821.00	\$ 7,110.00
120217	<b>Trailer stands</b> Stands for uncoupling the trailer from the towing vehicle	\$ 9,878.00	\$ 8,980.00
120101015590	<b>Spare wheel</b> Spare wheel for trailer axle	\$ 1,276.00	\$ 1,160.00
120220	<b>Cold pack -25 °C 240 V / 60 Hz</b> American standard contains : Cooling water down to -25°C External starter (NATO plug), with opposite plug, 3 m cable and clamps Battery charger 120 VAC / 24 VDC Cooling water heater 120 VAC, 750 W Hydraulic oil heater 120 VAC, 350 W	\$ 6,435.00	\$ 5,850.00

120221	<b>Cold pack -40 °C 120 V / 60 Hz</b> American standard contains : Cooling water down to -40°C External starter (NATO plug), with opposite plug, 3 m cable and clamps Battery charger 120 VAC / 2 x 12 VDC Cooling water heater 120 VAC, 750 W Hydraulic oil heater 120 VAC, 350 W Fuel filter heater 24 VDC Heating mat on diesel tank 4 x 400 W, 120 V	\$ 11,957.00		\$ 10,870.00
120223	<b>Rear beacon 1x ICAO</b>	\$ 902.00		\$ 820.00
120224	<b>Rear beacon 2x ICAO</b>	\$ 1,650.00		\$ 1,500.00
120162	<b>Sweeper-blower KG 6.24 TL (Gen 2)</b> <b>Support wheels edition*</b> High-performance sweeper-blower unit suspended from a swiveling ring, adjustable for left or right sweeping during operation, left/right lowering and lifting with independently controlled hydraulic cylinders. Left and right side nozzles to the blowing channel. Broom can be fitted with either circular or cassette brush elements, including fixed broom cover and beacon lighting. Driven by hydraulic motors mounted directly on either side of the drum, easy control of all parameters for optimum sweeping via Vpad and one or two joysticks, pre-programming possible  Broom length: 6'240 mm Broom diameter: 1'170 mm Number of rows: 28 Angle of rotation: 28° - 32 Sweeping width: approx. 5,500 mm  *Broom adapts to ground topography via wheels	\$ 87,846.00		\$ 79,860.00
120101015660	<b>Broom core</b> <b>for cassette elements, length 6.24 m</b> One-piece precision broom core with aluminum broom cassette receiving profiles; 28 perimeter ribs	\$ 29,711.00		\$ 27,010.00
120101015680	<b>Broom core</b> <b>for ring elements, length 6.24 m</b> One-piece precision broom core with aluminum circular brush holders	\$ 23,782.00		\$ 21,620.00
120101015700	<b>Brush set cassettes steel 6240</b> Broom cassettes with bunches of waved galvanised steel wire 0.45 mm	\$ 9,768.00		\$ 8,880.00
120101015720	<b>Brush set cassettes plastic 6240</b> Broom cassettes with bunches of polypropylene 2.8 mm	\$ 6,523.00		\$ 5,930.00
120101015740	<b>Brush set rings steel 6240</b> Ring broom elements with bunches of waved galvanised steel wire 0.45 mm	\$ 11,957.00		\$ 10,870.00
120101015760	<b>Set of polypropylene circular broom elements 6240</b> Ring broom elements with bunches of polypropylene 2.8 mm	\$ 4,400.00		\$ 4,000.00
120080	<b>Broom core for ring elements, length 6.24 m as reserve</b> <b>for quick shaft exchange</b> Precision broom core, one-piece, with ring broom sections made of aluminium	\$ 24,178.00		\$ 21,980.00
120164	<b>Vibrators on broom casing</b> Vibrators on the broom casing prevent snow build-up	\$ 1,705.00		\$ 1,550.00
120063	<b>Tool kit</b> To swivel the arm of the broom when mounting/dismounting the broom shaft. Caution: only for broom with circular elements!	\$ 484.00		\$ 440.00
120163	<b>Stands for sweeper-blower unit</b> Support legs for sweeper-blower unit removal	\$ 6,545.00		\$ 5,950.00
120064	<b>Mounting cart for 46" broom</b>	\$ 5,830.00		\$ 5,300.00
	<b>Care Plans</b>			

	<b>Warranty Plans</b>			
810073	<b>Warranty Plan FACTORY (Standard)</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  For vehicles/attachments, the standard warranty period is twenty-four (24) months or one thousand (1,000) operating hours, whichever comes first. The current GTC apply.	\$ -		\$ -
810190	<b>Warranty Plan Jetbrooms 250</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 250 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 250h; Care Plan ends after 3 years or after reaching 750 operating hours.	\$ 14,267.00		\$ 12,970.00
810191	<b>Warranty Plan Jetbrooms 500</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 500 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 500h; Care Plan ends after 3 years or after reaching 1500 operating hours.	\$ 20,207.00		\$ 18,370.00
810192	<b>Warranty Plan Jetbrooms 750</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 750 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 750h; Care Plan ends after 3 years or after reaching 2250 operating hours.	\$ 25,267.00		\$ 22,970.00
	<b>Preventive material &amp; Diagnostics</b>			
	<b>Material starter kits</b>			
120281	<b>Material starter kit JB10000-T</b> Starter package with the most important spare-, maintenance- and wear parts for the basic vehicle, preferential conditions with 30% discount, only valid in combination with a vehicle purchase.  (If the required parts are covered by the standard warranty or a Care Plan, the parts will be reimbursed).	\$ 17,578.00		\$ 15,980.00
	<b>Diagnostic kits</b>			
120283	<b>Diagnostic kit JetBroom for dealers</b> JetBroom diagnostic kit for dealers, engine diagnostic device (Xentry or Serdia) not included. Diagnostic tools for VPad 2	\$ 5,126.00		\$ 4,660.00

120284	<b>JetBroom diagnostic kit for end customers</b> JetBroom diagnostic kit for end customers, engine diagnostic device (Xentry or Serdia) not included	\$ 5,126.00		\$ 4,660.00

## Jetbroom 4000 with attachments

Prices without VAT

Code	Description	MSRP	HGAC USD
<b>120051000680</b>	<b>Jetbroom 4000 basic vehicle</b> Highly maneuverable sweeper-blower with blowing channel at the rear of the vehicle, under-vehicle blowing equipment with two air guide channels positioned laterally on the left and right, which can be raised and lowered, with hydraulically operated air guide nozzles, robust sweeping unit between axles ; lifting and lowering by independently controlled hydraulic cylinders, swivelling brush holder with special bearing for quick removal of brush drum, sweeping unit can be fitted with either circular or cassette elements, beacon lighting system on broom. Reversing camera, centralized lubrication, cold pack - 25°C, Vpad with data collection readiness.  Performance and environmental data: - Mercedes OM 470 drive engine with 265 kW / 360 hp @ 1'800 min-1, max. torque: 1'700 Nm @ 1'100 min-1, emissions: EURO 6 d - DEUTZ TCD 7.8 work engine with 260 kW / 354 hp @ 2'200 min-1, max. torque: 1'400 Nm @ 1'450 min-1, emissions: STAGE V - Mercedes G 230-12 truck transmission Powershift 3, 12-speed gearbox - Four-wheel drive (mechanically via transfer box) - 1 powerful radial blower / air flow 8.5 m³/s - Width: 4,200 mm (broom with wheels) - Sweep width: 3,600 mm @ 30 - 32 - Broom diameter: 914 mm (36")	<b>\$ 581,999.00</b>	<b>\$ 529,090.00</b>
<b>120131</b>	<b>Non-directional rear axle (standard, at no extra cost)</b>	\$ -	\$ -
<b>120130</b>	<b>Directional rear axle</b>	<b>\$ 34,848.00</b>	<b>\$ 31,680.00</b>
<b>120101015570</b>	<b>Corrosion prevention</b> The base vehicle and the sweeper-blower are treated before delivery with a corrosion protection wax (Dinitrol). This wax has casting properties and protects the vehicle for up to several months, depending on the thawing agent used. If necessary, the wax must be renewed before the end of the warranty period.	<b>\$ 4,840.00</b>	<b>\$ 4,400.00</b>
<b>120093</b>	<b>Max. driving speed 60 km/h (standard, at no extra charge)</b>	\$ -	\$ -
<b>120094</b>	<b>Max. driving speed 80 km/h (without aggregates)</b>	<b>\$ 8,019.00</b>	<b>\$ 7,290.00</b>
<b>120101016700</b>	<b>Cabin and body color</b> airport yellow RAL 1004	\$ -	\$ -
<b>120101016710</b>	<b>Cabin and body color</b> airport orange RAL 2011	\$ -	\$ -
<b>120101016720</b>	<b>Cabin and body color</b> Special color according to color sample, monochromatic RAL Grey-painted parts remain unchanged.	<b>\$ 10,197.00</b>	<b>\$ 9,270.00</b>
<b>120101016680</b>	<b>Working light</b>	<b>\$ 1,133.00</b>	<b>\$ 1,030.00</b>
<b>120241</b>	<b>Front beacon 2x (standard, at no extra charge)</b>	\$ -	\$ -
<b>120240</b>	<b>Front beacon 2x ICAO</b>	<b>\$ 1,045.00</b>	<b>\$ 950.00</b>
<b>120223</b>	<b>Rear beacon 1x ICAO</b>	<b>\$ 902.00</b>	<b>\$ 820.00</b>
<b>120224</b>	<b>Rear beacon 2x ICAO</b>	<b>\$ 1,650.00</b>	<b>\$ 1,500.00</b>
<b>120101016690</b>	<b>Air conditioning</b>	<b>\$ 2,651.00</b>	<b>\$ 2,410.00</b>
<b>120154</b>	<b>Cold package - 40 °C</b> European standard contains: Traction engine diesel filter heater 24 VDC, 220 W Auxiliary engine diesel filter heater 24 VDC, 350 W Diesel tank heater 240 VAC, 4 x 400 W (1600 W)	<b>\$ 15,147.00</b>	<b>\$ 13,770.00</b>

120242	<b>Connection cable with Schuko plug</b> Kit of 2 cables, required for standard (-25 °C cold pack)	\$ 220.00	\$ 200.00
120243	<b>Connection cable with CEE 3P plug 2x</b> Kit of 2 cables, required for standard (-25 °C cold pack)	\$ 253.00	\$ 230.00
120244	<b>Connection cable with Schuko plug</b> Kit of 3 cables, required for cold pack -40 °C	\$ 330.00	\$ 300.00
120245	<b>Connection cable with CEE 3P plug 2x</b> Kit of 3 cables, required for cold pack -40 °C	\$ 385.00	\$ 350.00
120101016730	<b>Spare wheel</b>	\$ 814.00	\$ 740.00
120101016740	<b>Broom core for cassettes</b> One-piece precision broom core with aluminum brush cassette receiving profiles, 16 circumferential grooves, fitted with brush cassettes inserted with bundles of <b>0.45 mm galvanized corrugated steel wire</b> . The broom's basic equipment includes a set of cassettes.	\$ 19,404.00	\$ 17,640.00
120101016750	<b>Broom core for cassettes</b> One-piece precision broom core with aluminum brush cassette receiving profiles, 16 circumferential grooves, fitted with brush cassettes inserted with bundles of <b>2.8 mm polypropylene bristles</b> . The broom's basic equipment includes a set of cassettes.	\$ 17,226.00	\$ 15,660.00
120101016780	<b>Broom core for ring elements</b> One-piece precision broom core with aluminum ring element mounting profiles, fitted with ring elements inserted with bundles of 0.45 mm galvanized corrugated steel bristles. The broom's basic equipment includes a set of circular elements.	\$ 16,038.00	\$ 14,580.00
120101016790	<b>Broom core for ring elements</b> One-piece precision broom core with aluminum ring elements, fitted with ring elements inserted with 2.8 mm polypropylene wire bristles. The broom's basic equipment includes a set of circular elements.	\$ 14,267.00	\$ 12,970.00
120101016760	<b>Additional set of cassettes with bundles of steel bristles</b>	\$ 3,993.00	\$ 3,630.00
120101016770	<b>Additional set of cassettes with bundles of polypropylene bristles</b>	\$ 3,245.00	\$ 2,950.00
120101016800	<b>Additional set of circular brooms with bundles of polypropylene bristles</b>	\$ 4,455.00	\$ 4,050.00
120101016810	<b>Additional set of circular brooms with bundles of polypropylene wires</b>	\$ 5,016.00	\$ 4,560.00
120069	<b>4.2 m spare broom core for circular elements as reserve for quick shaft exchange</b> Precision broom core, one-piece, with ring broom sections made of aluminium	\$ 14,938.00	\$ 13,580.00
130150009440	<b>Snowplow MF 54</b> Single-sided, high-speed blade for left and right-hand operation, with large extra width on the pivoting side serving as blowing space for the sweeper-blower unit and for optimized use of the broom's working width, 5 spring-mounted snow-clearing elements with swiveling articulated plastic arms, upper blade profile for optimum snow guidance, beacon lighting, hydraulic block for lifting and steering with overpressure and shock valves and proportional snowplow unloading system, towing device with hydraulic lifting and steering system. Lifting and lowering controlled by Vpad joystick. - Width: 5'400 mm - Clearing width approx: 4'670 mm @ 30 - 32° - Plow hight approx.: 1'500 mm	\$ 40,986.00	\$ 37,260.00
130150009450	<b>Support wheels for snowplow</b> 2 height-adjustable support wheels with single tires	\$ 5,291.00	\$ 4,810.00
130150009460	<b>Side flaps for snowplow</b> For use on one or both sides as protection against inertia when turning or pushing snow	\$ 18,084.00	\$ 16,440.00
130150009470	<b>Fine clearing strip</b> for snowplow	\$ 7,381.00	\$ 6,710.00
120271	<b>Support legs for sweeping unit</b> Support legs for storage of the sweep unit	\$ 3,905.00	\$ 3,550.00
120083	<b>Mounting cart for 36" broom</b>	\$ 4,774.00	\$ 4,340.00

	<b>Care Plans</b>		
	<b>Warranty Plans</b>		
<b>810073</b>	<b>Warranty Plan FACTORY (Standard)</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  For vehicles/attachments, the standard warranty period is twenty-four (24) months or one thousand (1,000) operating hours, whichever comes first. The current GTC apply.	\$ -	\$ -
<b>810190</b>	<b>Warranty Plan Jetbrooms 250</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 250 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 250h; Care Plan ends after 3 years or after reaching 750 operating hours.	\$ 15,554.00	\$ 14,140.00
<b>810191</b>	<b>Warranty Plan Jetbrooms 500</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 500 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 500h; Care Plan ends after 3 years or after reaching 1500 operating hours.	\$ 22,022.00	\$ 20,020.00
<b>810192</b>	<b>Warranty Plan Jetbrooms 750</b> Included: Spare parts (incl. battery) and working hours Excluded: Maintenance parts, regular wear and tear parts, extended wear and tear parts (all parts in contact with the floor plus suction pipe)  Valid for 750 operating hours per year, quantity of Care Plans = number of years from delivery, the Care Plan ends either after the accumulated, covered operating hours have been reached or after the covered years have expired, whichever comes first. (Example 3 Care Plans à 750h; Care Plan ends after 3 years or after reaching 2250 operating hours.	\$ 27,533.00	\$ 25,030.00
	<b>Preventive material &amp; Diagnostics</b>		
	<b>Material starter kits</b>		
<b>120282</b>	<b>Material starter kit JB4000</b> Starter package with the most important spare-, maintenance- and wear parts for the basic vehicle, preferential conditions with 30% discount, only valid in combination with a vehicle purchase.  (If the required parts are covered by the standard warranty or a Care Plan, the parts will be reimbursed).	\$ 17,578.00	\$ 15,980.00
	<b>Diagnostic kits</b>		



120283	<b>Diagnostic kit JetBroom for dealers</b> JetBroom diagnostic kit for dealers, engine diagnostic device (Xentry or Serdia) not included. Diagnostic tools for VPad 2	\$ 5,126.00		\$ 4,660.00
120284	<b>JetBroom diagnostic kit for end customers</b> JetBroom diagnostic kit for end customers, engine diagnostic device (Xentry or Serdia) not included	\$ 5,126.00		\$ 4,660.00

Part Number	Description EN	MSRP		HGAC
				USD
	<b>RCM5xx station</b>			
185100005365	<b>RCM520-US</b> <b>Weather station - ice early warning system</b> The RCM520 station is a weather station with an ice early warning system. Using sensors installed on the road, as well as meteorological sensors, the RCM520 transmits information about the risk of ice, road conditions and weather conditions on the monitored road section. The electronics of the RCM520 is based on a modular microprocessor technology (BPU-Boschung Processing Unit) and complies with the electromagnetic compatibility standards. Made of : - 1 Data acquisition and control unit BPU500 with embedded communication interfaces - 1 Protection cabinet, dim. 600x500x230 mm - 1 BPU500 management software integrated - 1 x 24VDC 10A - 3 x 24VDC 2.5A isolated - Circuit breaker, protections, etc. - 110VAC-60Hz, socket - 1 protection box for cables, dim. 400x300x200 mm	\$ 11,754.60		\$ 10,686.00
180052	<b>RCM520-US without cabinet</b> <b>Weather station - ice early warning system</b> The RCM520 station is a weather station with an ice early warning system. Using sensors installed on the road, as well as meteorological sensors, the RCM520 transmits information about the risk of ice, road conditions and weather conditions on the monitored road section. The electronics of the RCM520 is based on a modular microprocessor technology (BPU-Boschung Processing Unit) and complies with the electromagnetic compatibility standards. Made of : - 1 Data acquisition and control unit BPU500 with embedded communication interfaces - 1 BPU500 management software integrated - 1 x 24VDC 10A - 3 x 24VDC 2.5A isolated - Circuit breaker, protections, etc. - 230VAC-50Hz and 110VAC-60Hz, EU socket	\$ 10,560.00		\$ 9,600.00
	<b>Accessories</b>			
60003635	<b>BPU500</b> Boschung Processing Unit Made of : - 1 Data acquisition and control unit with embedded communication interfaces - Software with configuration module and remote access - 1 BPU500 management software integrated - 4 x RS485 serial ports - 1 x RS232 serial port - 2 x Ethernet ports 10 / 100 Mbps - 2 USB 2.0 Host ports - 8 x digital I/O	\$ 3,960.00		\$ 3,600.00

Part Number	Description EN	MSRP		HGAC
				USD
	<b>Pavement Sensors</b>			
195100003670	<b>Sensor IT-Sens TCS</b> Boschung pavement sensor TCS (Traffic Control Support) The IT-Sens accurately reports the pavement surface temperature and condition, as well as the water film thickness. These parameters allow for a tight monitoring of road conditions for winter service operations or Intelligent Transportation Systems (ITS). The pavement sensors are calibrated at the production and do not require further calibration. - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard - cable of 30m Data delivered by the sensor : - Pavement statuts - Pavement temperature - Water film thickness  FW upgrade possible, ordered separately: 195200003662 - FW WSS Basic 195200003663 - FW WSS Evolution	\$ 4,639.80		\$ 4,218.00
195100003870	<b>Sensor IT-Sens TCS with connector</b> Boschung pavement sensor TCS (Traffic Control Support) The IT-Sens accurately reports the pavement surface temperature and condition, as well as the water film thickness. These parameters allow for a tight monitoring of road conditions for winter service operations or Intelligent Transportation Systems (ITS). The pavement sensors are calibrated at the production and do not require further calibration. - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard Data delivered by the sensor : - Pavement statuts - Pavement temperature - Water film thickness  FW upgrade possible, ordered separately: 195200003662 - FW WSS Basic 195200003663 - FW WSS Evolution	\$ 4,639.80		\$ 4,218.00
195100003885	<b>Sensor IT-Sens TCS with connector - 1 x UT</b> Boschung pavement sensor TCS (Traffic Control Support) The IT-Sens accurately reports the pavement surface temperature and condition, as well as the water film thickness. These parameters allow for a tight monitoring of road conditions for winter service operations or Intelligent Transportation Systems (ITS). The pavement sensors are calibrated at the production and do not require further calibration. - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard Data delivered by the sensor : - Pavement statuts - Pavement temperature - Water film thickness - Road body temperature - Lenght of UT cable: 43cm maximum (specific length on request)  FW upgrade possible, ordered separately: 195200003662 - FW WSS Basic 195200003663 - FW WSS Evolution	\$ 4,743.20		\$ 4,312.00

Part Number	Description EN	MSRP		HGAC
				USD
195100003905	<b>Sensor IT-Sens TCS with connector - 2 x UT</b> Boschung pavement sensor TCS (Traffic Control Support) The IT-Sens accurately reports the pavement surface temperature and condition, as well as the water film thickness. These parameters allow for a tight monitoring of road conditions for winter service operations or Intelligent Transportation Systems (ITS). The pavement sensors are calibrated at the production and do not require further calibration. - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard Data delivered by the sensor : - Pavement statuts - Pavement temperature - Water film thickness - Road body temperature - Lenght of UT cables: 43cm maximum (specific length on request)  FW upgrade possible, ordered separately: 195200003662 - FW WSS Basic 195200003663 - FW WSS Evolution	\$ 4,989.60		\$ 4,536.00
195200003662	<b>Firmware upgrade WSS basic for IT-Sens</b> Data delivered by the sensor : - Pavement statuts - Pavement temperature - Water film thickness - Freezing point temperature - Configurable for different deicing agents (for ex. NaCl, CaCl <sub>2</sub> , MgCl <sub>2</sub> , KHCO <sub>2</sub> , CH <sub>3</sub> CO <sub>2</sub> K) - Deicing agent quantity and concentration	\$ 693.00		\$ 630.00
195200003663	<b>Firmware upgrade WSS evolution for IT-Sens</b> High accuracy firmware for Boschung pavement sensor IT-Sens. Allows data exchange with IT-ARCTIS sensors. Data delivered by the sensor : - Pavement statuts - Pavement temperature - High precision for water film thickness - High precision for freezing point temperature - Configurable for different deicing agents (NaCl, CaCl <sub>2</sub> , MgCl <sub>2</sub> , KHCO <sub>2</sub> , CH <sub>3</sub> CO <sub>2</sub> K) - Deicing agent quantity and concentration	\$ 1,650.00		\$ 1,500.00
195100003824	<b>Sensor IT-ARCTIS</b> The Boschung active pavement sensor allows measuring the exact freezing point by cooling the surface of the sensor down to 15°C below the current pavement temperature. The freezing point temperature is measured independently from the used de-icing agent. - Freezing point temperature: -30°C to 0° - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard - cable of 30m Data delivered by the sensor : - Freezing point temperature (active measurement)	\$ 7,803.40		\$ 7,094.00

Part Number	Description EN	MSRP		HGAC
				USD
195100003865	<b>Sensor IT-ARCTIS with connector</b> The Boschung active pavement sensor allows measuring the exact freezing point by cooling the surface of the sensor down to 15°C below the current pavement temperature. The freezing point temperature is measured independently from the used de-icing agent. - Freezing point temperature: -30°C to 0° - Operating temperature: -40... +80°C - Protection class : IP68 - Complies with the EN 15518-3 standard Data delivered by the sensor : - Freezing point temperature (active measurement)	\$ 7,803.40		\$ 7,094.00
605100003861	<b>Extended airport case</b> For airport applications, a solid and proven extended airport housing was developed for a fast installation and a fast replacement of the sensors on runways. It's equipped with special fastening anchor screws. Suits for IT-Sens, IT-ARCTIS and IT-RWY with connector.	\$ 1,028.50		\$ 935.00
605100003862	<b>IT-cable with connector</b> - 30m of cable	\$ 445.50		\$ 405.00
605100003863	<b>Connector for IT sensors cable</b> Suits for cable 604035030010 Suits for IT-Sens, IT-ARCTIS and IT-RWY sensors The connector can be mounted on site or directly on the cable (if yes, specify the lenght of the cable) - 8 pole connector - IP68	\$ 64.90		\$ 59.00
604035030010	<b>Shielded control cable for IT-Sensors</b> 2x1.3mm + 2x0.53mm Shielded Waterproof Length on demand (per meter)	\$ 12.10		\$ 11.00
	<b>Atmospheric Sensors</b>			
195100004825	<b>r-weather PV</b> All-in-one compact atmospheric sensor for present weather and visibility, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Precipitation type - Precipitation intensity - Precipitation quantity - Visibility - Alarm output in case of freezing fog - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 7,150.00		\$ 6,500.00

Part Number	Description EN	MSRP		HGAC
				USD
195100004855	<b>r-weather PV-RH</b> All-in-one compact atmospheric sensor for present weather, visibility and hygrometer, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. <ul style="list-style-type: none"> <li>- Precipitation type</li> <li>- Precipitation intensity</li> <li>- Precipitation quantity</li> <li>- Visibility</li> <li>- Air temperature</li> <li>- Relative humidity</li> <li>- Dew point</li> <li>- Alarm output in case of freezing fog</li> <li>- Air compressor for automatic cleaning</li> </ul> Consisting of: <ul style="list-style-type: none"> <li>- 1 r-weather sensor</li> <li>- 1 mounting set for tube Ø 60 mm / Ø 40 mm</li> <li>- 7 m of cable and connectors</li> <li>- RS485 output</li> <li>- Installation and maintenance manual</li> </ul>	\$ 8,745.00		\$ 7,950.00
195100004850	<b>r-weather PV-AP</b> All-in-one compact atmospheric sensor for present weather, visibility and air pressure, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. <ul style="list-style-type: none"> <li>- Precipitation type</li> <li>- Precipitation intensity</li> <li>- Precipitation quantity</li> <li>- Visibility</li> <li>- Air pressure</li> <li>- Alarm output in case of freezing fog</li> <li>- Air compressor for automatic cleaning</li> </ul> Consisting of: <ul style="list-style-type: none"> <li>- 1 r-weather sensor</li> <li>- 1 mounting set for tube Ø 60 mm / Ø 40 mm</li> <li>- 7 m of cable and connectors</li> <li>- RS485 output</li> <li>- Installation and maintenance manual</li> </ul>	\$ 8,140.00		\$ 7,400.00
195100004860	<b>r-weather PV-RH-AP</b> All-in-one compact atmospheric sensor for present weather, visibility, hygrometer and air pressure, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. <ul style="list-style-type: none"> <li>- Precipitation type</li> <li>- Precipitation intensity</li> <li>- Precipitation quantity</li> <li>- Visibility</li> <li>- Air temperature</li> <li>- Relative humidity</li> <li>- Dew point</li> <li>- Alarm output in case of freezing fog</li> <li>- Air pressure</li> <li>- Air compressor for automatic cleaning</li> </ul> Consisting of: <ul style="list-style-type: none"> <li>- 1 r-weather sensor</li> <li>- 1 mounting set for tube Ø 60 mm / Ø 40 mm</li> <li>- 7 m of cable and connectors</li> <li>- RS485 output</li> <li>- Installation and maintenance manual</li> </ul>	\$ 9,724.00		\$ 8,840.00

Part Number	Description EN	MSRP		HGAC
				USD
195100005045	<b>r-weather V</b> All-in-one compact atmospheric sensor for visibility, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Visibility - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 5,885.00		\$ 5,350.00
195100004905	<b>r-weather P</b> All-in-one compact atmospheric sensor for present weather, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Precipitation type - Precipitation intensity - Precipitation quantity - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 5,885.00		\$ 5,350.00
195100004930	<b>r-weather P-RH</b> All-in-one compact atmospheric sensor for present weather and hygrometer, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Precipitation type - Precipitation intensity - Precipitation quantity - Air temperature - Relative humidity - Dew point - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 7,598.80		\$ 6,908.00
195100004925	<b>r-weather P-AP</b> All-in-one compact atmospheric sensor for present weather and air pressure, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Precipitation type - Precipitation intensity - Precipitation quantity - Air pressure - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 7,480.00		\$ 6,800.00

Part Number	Description EN	MSRP		HGAC
				USD
195100004935	<b>r-weather P-RH-AP</b> All-in-one compact atmospheric sensor for present weather, hygrometer and air pressure, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. A self-cleaning concept allows the optical parts to be automatically cleaned. - Precipitation type - Precipitation intensity - Precipitation quantity - Air temperature - Relative humidity - Dew point - Alarm output in case of freezing fog - Air pressure - Air compressor for automatic cleaning Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 8,580.00		\$ 7,800.00
195100004830	<b>r-weather RH</b> All-in-one compact atmospheric sensor for hygrometer, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. - Air temperature - Relative humidity - Dew point Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 1,672.00		\$ 1,520.00
195100005025	<b>r-weather RH-AP</b> All-in-one compact atmospheric sensor hygrometer and air pressure, with self-cleaning. The r-weather guarantees for low maintenance and long-term reliability. - Air temperature - Relative humidity - Dew point - Air pressure Consisting of: - 1 r-weather sensor - 1 mounting set for tube Ø 60 mm / Ø 40 mm - 7 m of cable and connectors - RS485 output - Installation and maintenance manual	\$ 2,695.00		\$ 2,450.00
195100004795	<b>r-weather / WG-WR-m</b> <b>Wind speed and direction sensor (mechanical) for r-weather</b> Mechanical sensor made of : - 1 sensor WG/WR with integrated heating - 1 RS485 output with 5 m cable - 1 mounting set for tube Ø 60 mm / Ø 40 mm	\$ 3,113.00		\$ 2,830.00
195100004794	<b>r-weather / WG-WR-s</b> <b>Wind speed and direction sensor (ultrasonic) for r-weather</b> Ultrasonic sensor made of : - 1 sensor WG/WR - 1 RS485 output with 5 m cable - 1 mounting set for tube Ø 60 mm	\$ 2,855.60		\$ 2,596.00
205100004778	<b>Mounting set for r-weather</b> Airport mast Ø 100 mm	\$ 385.00		\$ 350.00
195100004777	<b>Mounting set for wind speed and direction sensor (mechanic) for r-weather / WG-WR-m</b> Airport mast Ø 100 mm	\$ 220.00		\$ 200.00



Part Number	Description EN	MSRP		HGAC
				USD
	<b>Contactless sensor</b>			
195100004429	<b>Non invasive sensor r-condition-b</b> Optical sensor providing : - Pavement temperature - Pavement status - Water film thickness - Ice / snow - Friction <i>Can be combined with a r-weather</i>	\$ 1,320.00		\$ 1,200.00
195100004430	<b>Non invasive sensor r-condition-c</b> Optical sensor providing : - Road surface image - Pavement temperature - Pavement status - Water film thickness - Ice / snow - Friction <i>Can be combined with a r-weather</i>	\$ 1,540.00		\$ 1,400.00
60003574	<b>Temperature sensor (r-condition)</b> Spare part for temperature measurement	\$ 385.00		\$ 350.00