4500

COMPACT TRACTOR



VENTRAC

VENTRAC.COM



VERSATILITY *THAT WORKS...*

Versatility, \,vər-sə-ˈti-lə-tē\ noun:

The quality or state of being versatile. Capable of doing many things competently.

Continuing to set the highest standards possible, Ventrac's versatility produces competent, expert results every time.

From mowing professional sports fields, maintaining elite universities, clearing snow at the U.S. Capital building, to outdoor estate work that finishes off properties with exquisite results, ***Ventrac is Versatility that Works.***

4500



4500Z Tractor shown with optional accessories

After one test drive on this incredibly agile, yet power-packed tractor, there is no doubt that you will discover the value the **Ventrac 4500** has to offer you.

If your grounds require year-round maintenance, then you need equipment that can work year round. Ventrac is uniquely designed to be the one tool that can do many seasonal tasks, with results that meet the highest expectations.

FORWARD

THINKING

30+
ATTACHMENTS





Ventrac attachments are designed to be mounted in front of the tractor. This design creates a superior combination for safety, reach, and visibility.



SUPERIOR VISIBILITY

Front-mounted attachments let Ventrac operators see the work out front. This design allows for better visibility so operators can work more confidently when close to landscaping, buildings, or other objects.



A CLEAR PATH

When the attachment does the work first, the tractor drives over a cleared path rather than trampling grass down before cutting. This innovative design helps reduce uneven mowing.



REACH OUT

Ventrac gives you the ability to reach farther under trees, fence rows, and other low height areas where other tractors can't mow.



A SAFER SOLUTION

With the attachment mounted in front of the tractor, you have excellent visibility of work, creating a safer environment for the operator and bystanders.


30°
ADVANTAGE ON
SLOPES



Need a safer solution for operating on slopes? Navigate slopes up to 30 degrees (58% grade) with the Ventrac 4500, when equipped with dual wheels.



ALL-WHEEL DRIVE

Full-time, all-wheel hydrostatic drive delivers **maximum performance and traction** on slopes.



TRACTION CONTROL

Ventrac's innovative weight transfer system improves traction, and braking by shifting a portion of the front attachment weight onto the tractor.



WIDE STANCE

For increased safety and stability on hillsides, add the optional wheel extensions (up to 25°) or dual wheels (up to 30°).



FULL TIME CONTACT

When encountering uneven terrain, the tractor frame pivots in the center to **maintain superior contact** with the ground.



KNOW YOUR DEGREE

Know your degree of operation for increased safety on slopes by using our optional Digital Slope Indicator.



LOW CENTER OF GRAVITY

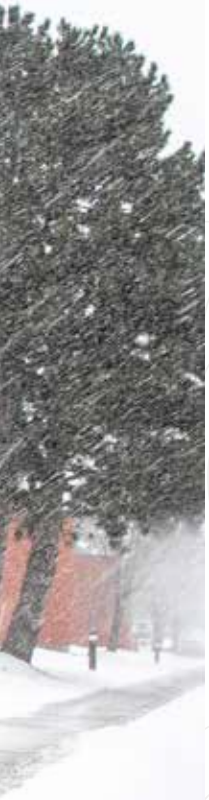
Ventrac's compact frame is designed with a low center of gravity to give the tractor **superior stability on slopes.**



SIDEWALK
SNOW

NO SUCH THING AS A HARD

WINTER



When keeping sidewalks free of snow and ice is a priority, Ventrac leads the industry with options designed to easily handle miles of sidewalk.



COMPACT POWER

Ventrac is small enough to maneuver on sidewalks and powerful enough to quickly clear your paths and move heavy snow.



WARM AND DRY

Stay out of the elements and enjoy taking on winter's wrath in the comfort of a heated cab.



ONE PASS ICE CONTROL

A rear-mounted spreader allows you to spread de-icing material as you are plowing the snow, saving time and energy.



CLEAN SWEEP

The NEW Narrow Broom is an efficient solution for light to medium snowfalls. Sized for 48" sidewalks, it provides unequaled capability on most walkways.



PUSHING POWER

The Ventrac V-Blade cuts through snow, separating and pushing it to both sides. Both wings adjust hydraulically for ease in controlling the direction of the snow.



MOVE WINTER'S WORST

Built for deep snow, this two-stage snow blower is the industry leader for its size. Move up to 4500 pounds of snow per minute and throw snow at distances up to 40 feet.

SUPERIOR

MOWING RESULTS

LIGHT
FOOTPRINT





Ventrac finish decks follow the ground independently from the tractor which prevents scalping and protects the turf, leaving a professionally manicured lawn.



STAND-OUT STRIPES

Rear and side discharge finish mowers offer the best stripes in the industry for commercial mowing on large properties.



FOLLOW THE TERRAIN

Three independent decks, on the Contour Mower, follow the contours of the terrain, virtually eliminating turf scalping.



TOUGH AND RUGGED

Easily clear thick weeds, high grass, brush, and small saplings up to one inch in diameter with the Tough Cut.



HYDRAULIC FLIP-UP DECK

Cleaning the deck and changing blades couldn't be easier with Ventrac's optional hydraulic flip-up kit.



PRECISE MOWING HEIGHT

All 60" and 72" finish mowers have an easy adjustment lever to quickly set height increments.



LEAVE NOTHING BEHIND

Whether it's collecting grass clippings or leaves, your yard will be professionally manicured all year round with the Vacuum Collection System.



A SOLUTION FOR ALL FOUR

SEASONS



Ventrac's versatility allows you to work all year long. From spring to summer and fall to winter, Ventrac has the versatility to address your various needs, while getting the job done quickly and with ease.



SPRING

Spring chores are made easy with Ventrac. Whether it is landscaping, aerating, or mowing, Ventrac has the equipment you need.



SUMMER

Make short work of maintaining your property during the summer with a full range of tailor-made Ventrac attachments.



FALL

Working outside in the fall is fun and easy with Ventrac. Cut down tall brush, grind out stumps, blow leaves, and more.



WINTER

From miles of sidewalk to deep drifts in the drive, you'll be excited to take on winter's fury with Ventrac's full line of snow equipment.

EFFICIENCY

INCREASED

INCREASED
PRODUCTIVITY





With gasoline, diesel or propane, Ventrac has you covered with fuel options that will not only save you money, but are also environmentally responsible.



4500P *Kawasaki*

DFI Gas *1.2 gal/hr Fuel Economy**

- Fuel savings through digital fuel injection system
- Easier starting
- Cooler operation
- Up to 30° continuous slope operation
- Automatically compensates for altitude



4500Y *Kubota*

Diesel *1.1 gal/hr Fuel Economy**

- Fuel savings
- High power efficiencies
- Lower carbon monoxide outputs than gasoline
- Heavy cast iron, 3 Cylinder Engine
- Tier 4 compliant



4500Z *Kubota* *(Gas Standard)*

Optional Propane Kit *8.6lb/hr Fuel Economy**

- Fuel savings
- Longer engine life
- Cleaner burning
- Lower emissions
- Cleaner exhaust
- Energy security - 97% of all propane consumed in the USA is produced in North America Less price volatility

*Fuel economy tested with HM602 mower for comparison purposes. Application conditions & attachment will affect fuel economy.

INNOVATION EMBODIED

ALWAYS
INNOVATE





Innovation and versatility have always been an important part of Ventrac.
We are always working hard to design and develop attachments and power units that are durable, effective, and game changing.



MA900
BOOM MOWER FEATURES

1. VERTICAL REACH
142” from ground

2. MAX FLAT TOP CUT
82” from ground

3. VERTICAL HEAD ANGLE
90° vertical / 135° total range

4. HORIZONTAL REACH
115” from outside of single wheels
103” from outside of dual wheels

5. CUT WIDTH
39” double action sickle bar

6. HORIZONTAL HEAD ANGLE
45° below level / 135° total range

7. SLOPE RATING
10° with single wheels
18° with dual wheels

ATTACHMENTS



AERA-VATOR *EA600*

Working Width	60"
Aeration Density	8 holes/ft²
Vibrating Depth	2.75"
Weight	420 lbs
Optional Seeder Kit Available	



AERATOR *EB480*

Working Width	48"
Aeration Density	6 holes/ft²
Weight	240 lbs
Choose from core, spoon, or slicer tines.	



FINISH MOWER *MS600 MS720 MT720*

Side Discharge — *Offset*

Width of Cut	60”	72”	72”
Cutting Height	1-5”	1-5”	1-5”
Weight	490 lbs	550 lbs	550 lbs



TOUGH CUT *HQ680*

Width of Cut	68"
Cutting Height	3”, 3.625”, 4.25”
Weight	360 lbs
Max Material Cut Diameter	1”



FINISH MOWER *MU720*

Rear Discharge

Width of Cut	72”
Cutting Height	1-5”
Weight	540 lbs



CONTOUR MOWER *MJ840*

Width of Cut	83"
Cutting Height	.75” - 3.5”
Degree of Motion for Side Decks	40°
Weight	584 lbs



REEL MOWER *MR740*

Width of Cut	74”
Cutting Height	.39 - 2.36”
Weight	613 lbs



GRASS COLLECTION SYSTEM *RV602*

B&S Vanguard Engine	10 HP
Maximum Lift Height	60”
Maximum Bin Capacity	16 ft³
Weight	525 lbs



BOOM MOWER *MA900*

Horizontal Reach	115"
Vertical Reach	142”
Cut Width	39"
Head Rotation Range	135°



WIDE AREA MOWER *MK960*

Width of Cut	95"
Cutting Height	1-5”
Weight	580 lbs



NARROW BROOM *KJ520*

Broom Width	52”
Broom Angled Width	48”
Broom Diameter	24”
Weight	500 lbs



BROOM *HB580*

Broom Width	58”
Broom Angled Width	54”
Broom Diameter	21”
Weight	382 lbs













SNOW BLOWER *KX480 KX523*

Width	48”	52”
Blowing Distance	Up to 40’	Up to 40’
Chute Rotation	220°	220°

V-BLADE *KV552*

Width	48 - 55”
Height	24”
Wing Angle	+/- 30°
Weight	240 lbs





BLADES *KD482 KD602 KD722*

Blade Width	48”	60”	72”
Cutting Height	22”	22”	22”
Angle	+/- 30°	+/- 30°	+/- 30°
Weight	163 lbs	203 lbs	225 lbs

BLOWER *KA160*

Wind Speed	180 mph
Volume	4000 cfm
Fan	16 blade
Hydraulic Rotation	180°

TURBINE BLOWER *ET200*

Wind Speed	175 mph
Hydraulic Rotation	360°
Nozzle Guard	Standard
Weight	256 lbs

LEAF PLOW *EF300*

Operating Width	60” /78” with side flaps
Operating Height	51”
Edge	Adjustable Brush

30+
ATTACHMENTS



DROP SPREADER *SA250*

Material Capacity	2.5ft³ / 200 lbs
Material Bin	Stainless Steel
Drop Width	40”



CAB *KW452*

Overall Height	74”
Overall Length	59”
Overall Width	50”
Weight	385 lbs



POWER BUCKET *HE482*

Working Width	48”
Capacity	6 ft³
Weight	190 lbs



POWER RAKE *KP540*

Rotor Width	54”
Carbide Tips	72
Height Adjustment Range	3.5”
Weight	536 lbs



LANDSCAPE RAKE *KR502*

Width	49”
Width w/ Wings	69”
Angle	+/- 28°
Weight	250 lbs



TRENCHER *KY400*

Trencher Width	5.5”
Trenching Depth	40”
Cutting Teeth	34 Carbide Tipped
Depth Indicator	Standard



VERSA-LOADER *KH500*

Working Width	48”
Bucket Capaity	5 ft³
Lift Height	77”
Lift Capacity *inluding tool*	500 lbs



TILLER *KL480*

Working Width	48”
Max Till Depth	6”
Weight	356 lbs



EDGER *ED202*

Disc Diameter	20”
Cutting Depth	6”
Blower	Optional on 4000 series
Weight	200 lbs



SOD CUTTER *EC240*

Cutting Width	24”
Cutting Depth	0 - 2.5”
Weight	38 lbs



STUMP GRINDER *KC180*

Cutterhead Width	3.5”
Cutting Depth Below Ground	6”
Rotor rpm	900 rpm*

*Engine Speed 3200 rpm



BALLPARK GROOMER *DR540*

Height	26.25”
Length	19”
Width	60.5”
Brush, Steel Drag, Coco Mat	Optional



BALLPARK RENOVATOR *DG550*

Height	19”
Length	46”
Width	56”

VENTRAC MOUNT SYSTEM

All Ventrac attachments connect in minutes or less with no tools or heavy lifting.







SPECIFICATIONS

MODEL COMPARISON	**4500K** VANGUARD Big Block	**4500P** KAWASAKI DFI	**4500Y** KUBOTA Diesel	**4500Z** KUBOTA Bi-Fuel Ready	
STOCK CODES	39.51130	39.51207	39.51209	39.51208	
ACCESSORY KIT: Front Fenders, Foot Pegs, 4 Rear Weights, Weight Transfer	Optional	Standard	Standard	Standard	
ENGINES					
ENGINE	Vanguard M54	Kawasaki FD851D DFI	Kubota D902	Kubota WG972-GL	
MAX OPERATING SPEED	3600 rpm	3600 rpm	3600 rpm	3600 rpm	
FUEL TYPE	Gasoline	Gasoline	Diesel	Gasoline	Propane^
HORSEPOWER	31	31	25	32.5	31
PEAK TORQUE	47 ft lb	47 ft lb	42 ft lb	51 ft lb	
DISPLACEMENT	896 cc	824 cc	898 cc	962 cc	
CYLINDERS	2	2	3	3	
ENGINE OIL		Ventrac Premium Full Synthetic Engine Oil SAE 10W-30			
COOLING	Air	Liquid	Liquid	Liquid	
FUEL CAPACITY	6 gal	6 gal	6 gal	6 gal	2 x 33 lb lp tanks^
FUEL ECONOMY^^	1.6 gal/hr	1.2 gal/hr	1.1 gal/hr	1.5 gal/hr	8.6 lb/hr
MAX SLOPE RATING (Continuous / Intermittent)	20°/ 30°	30°/ 30°	20°/ 30°	20°/ 30°	20°/ 25°
ALTERNATOR	50 Amp	30 Amp	60 Amp	60 Amp	
DIMENSIONS					
WEIGHT WITH STANDARD HITCH	1340 lb (610 kg)	1575 lb (715 kg)	1655 lb (750 kg)	1655 lb (750 kg)	1755 lb^^ (800 kg)
WEIGHT WITH ACCESSORY KIT	1565 lb (710 kg)	N/A	N/A	N/A	N/A
WEIGHT WITH 3-POINT HITCH	1660 lb (775 kg) w/ accessory kit	1670 lb (760 kg)	1750 lb (795 kg)	1750 lb (795 kg)	1850 lb^^^ (840 kg)

^ If equipped with optional Propane Kit for the 4500Z only. **^^** Fuel Economy tested with HM602 mower for comparison purposes. Application conditions & attachment will affect fuel economy. **^^^** Weight without propane tanks

MEASUREMENTS	
LENGTH WITH STANDARD HITCH (ROPS up)	81.5” (207 cm)
LENGTH WITH 3-POINT HITCH	92” (234 cm)
LENGTH WITH PROPANE KIT^	99” (252 cm)
WIDTH	48.5” (123 cm)
WIDTH WITH WHEEL EXTENSIONS	54.5” (138.5 cm)
WIDTH WITH DUALS	73” (185.5 cm)
WHEELBASE (Front axle to rear axle)	45” (114 cm)
HEIGHT (ROPS up)	68” (173 cm)
HEIGHT (ROPS down)	54” (137 cm)
TURNING RADIUS (single tires, standard position)	39” (99 cm)
TURNING RADIUS (position 2)	54” (137 cm)
TURNING RADIUS (position 3)	68” (173 cm)
OSCILLATION AMOUNT (@ Wheel)	7.5” (19 cm)
GROUND CLEARANCE	5” (13 cm)

ELECTRICAL	
BATTERY	500 CCA (Group 51R)
VOLTAGE	12 volts
BATTERY DISCONNECT	Standard, with 150A System Circuit Breaker
FUSES	Sealed, Mini Fuse and J-Case styles

LIGHTS	
HEAD LIGHTS	(2) 55W Halogen Lights
TAIL LIGHTS	(2) Red LED Lights

HITCH AND PTO	
FRONT HITCH	Ventrac Mount System
ELECTRIC PTO CLUTCH W/BRAKE	Ogura GT3.5 (250 ft lb)
3-POINT HITCH	Optional Category 1

DRIVETRAIN

HYDRAULIC PUMP	Sauer Danfoss 15 series pump
PUMP DRIVE	Direct Drive (Double U-Joint Driveshaft)
HYDRAULIC MOTORS	(2) Sauer Danfoss 15 series motors)
TRANSAXLES	Peerless 2600 series
AXLES	Peerless 40mm (forged) with integrated forged hub
HYDRAULIC OIL COOLER	Aluminum with Thermostatically controlled Electric Fan
HYDRAULIC OIL FILTER (Suction)	25 micron
HYDRAULIC OIL FILTER (Pressurized))	10 micron

TRAVEL SPEED (F/R)

LOW RANGE	5 mph forward / 4 mph reverse
HIGH RANGE	10 mph forward / 8 mph reverse

TIRES

STANDARD (All-Terrain)	22 x 12-8
OPTIONAL TURF	22 x 11-10
OPTIONAL BAR	21 x 11-8

INSTRUMENTS, GAUGES & ALARM

GAUGES	Tachometer, Speedometer, Hour Meter, Engine Temperature (liquid cooled engines only), Fuel Level, Volt Meter
INDICATOR LIGHTS ^Activates Audible Alarm	Parking Brake, Engine High-Temp^, Hydraulic Oil Temp^, Low Voltage^, Low Oil Pressure^
SWITCHES	Key, PTO & Lights

CONTROLS

FORWARD REVERSE	S.D.L.A. (Speed, Direction, Lift & Auxiliary) Handle, Optional Foot Pedal
ATTACHMENT LIFT	S.D.L.A. (Primary Handle)
AUXILIARY HYDRAULICS	S.D.L.A. (Secondary Handle)
THROTTLE	Dash Mounted
FRONT HITCH LOCK	Column Mounted (Accessible from Seat)
PTO BELT TENSIONER	Front mounted, Automatic Tension Controlled
WEIGHT TRANSFER	5 Position
HIGH/LOW RANGE	Single Lever, Column Mounted
3 PT CONTROLS (Optional)	Lift + 2 sets of Auxiliaries
STEERING	Power Steering

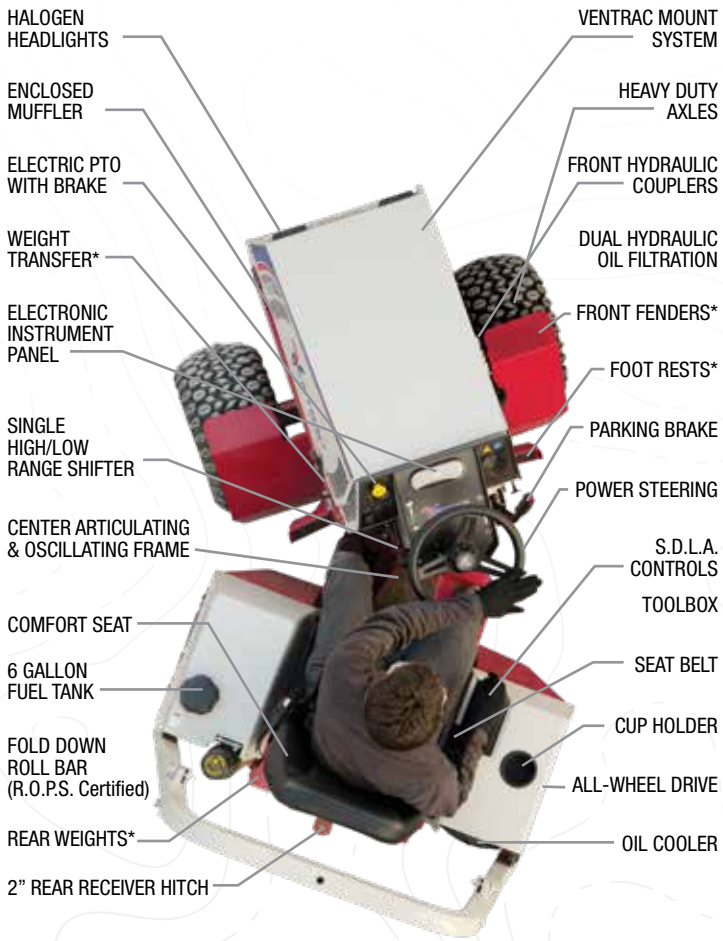
OTHER FEATURES

TOOL BOX	Standard
CUP HOLDER	Standard
SEAT	Deluxe High Back Seat (arm rests and suspension seat optional)

ROPS

FOLDING ROPS	Standard
HEAVY-DUTY SEAT BELT	Standard

4500 STANDARD FEATURES

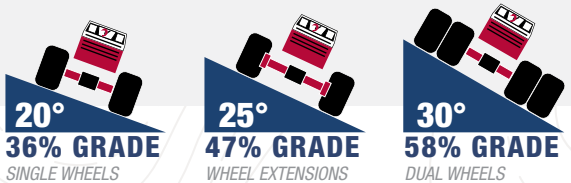


SLOPE RATINGS

MAX SLOPE RATING (Any direction)	SINGLE TIRES	WHEEL EXTENSIONS	DUAL WHEELS
4500*	20° (36%)	25° (47%)	30° (58%)
4500Z WITH PROPANE	15° (27%)	20° (36%)	25° (47%)
4500 WITH CAB	10° (18%)	NOT COMPATIBLE	NOT COMPATIBLE
	10° (18%)	15° (27%)	20° (36%)

INTERMITTENT USE DEFINED

The engine may operate between 20° and 30° for up to 10 minutes. If 10 minutes is reached, the engine must be returned to 20° or less to assure proper oil lubrication. After returning to 20° or less, the intermittent cycle can be repeated. The 4500P Kawasaki DFI engine is rated for 30° continuous operation and does not have this requirement.



ACCESSORIES



ENCLOSED CAB
Protection from wind, rain and snow.



CANOPY
Provides shade for operator.



SUSPENSION SEAT
Ride all day in the comfort of a well supported suspension seat.



ARM RESTS
Adds comfort and support, especially while operating on slopes.



TRAILER MOVER
An excellent tool for moving a trailer into tight spaces where you cannot fit your truck.



RAISED PLATFORM
Increases height of foot platform for easier reach and comfort.



FOOT PEDAL CONTROL
A more traditional style foot control for forward and reverse functions.



2-N-1
Allows for the option of a front 2-inch receiver hitch or front counterweights.



DUAL WHEEL KIT
Increase stability, traction and safety on slopes up to 30°.



WHEEL EXTENSIONS
Increase stability on slopes up to 25°.



DIGITAL SLOPE INDICATOR
Indicates the degree of slope while tractor is in operation.



TIRE OPTIONS
Standard: All-Terrain
Optional: Bar, Turf.

ADDITIONAL ACCESSORIES

- 4-POINT SEAT BELT
- BACKUP ALARM
- HORN
- ELECTRIC PTO REMOTE
- DUAL AUXILIARY HYDRAULICS
- FRONT HITCH LOCK VALVE
- HYDRAULIC TOP LINK
- PROPANE TANK

4500K ACCESSORIES

(Standard on all other 4500 Tractors)

- FOOT REST
- FRONT FENDERS
- REAR WEIGHTS
- WEIGHT TRANSFER KIT



DIRECTIONAL HAZARDS
Directional LED signals/blinking hazards.



STROBE & WORK LIGHTS
Provides increased safety for roadside operation and low-visibility situations. (comes in two separate kits)



12V POWER REAR OUTLET
Powers rear accessories such as the ES220 and SA250 spreader.



12V SWITCH & FRONT PLUG
12V plug is required for select front-mounted attachments; switches built into the S.D.L.A. hand control.



3-POINT
Add non-PTO powered implements to the rear with the Category One 3-Point Hitch.



3-N-1
Mount non-PTO-powered Ventrac attachments to the rear. Also includes 2-inch receiver for towing, and brackets for additional weight.



SA250 SIDEWALK DROP SPREADER
2.5 ft³/200lbs capacity



ES220 SEED/FERTILIZER
220lb capacity

WARRANTY INFORMATION

All **NEW** Ventrac tractors and attachments purchased in the United States and Canada are covered by Ventrac's V-Plus Warranty, so you can purchase with confidence!

2-YEAR COMMERCIAL LIMITED WARRANTY

Tractors and attachments

- 2 years with **unlimited** hours

ENGINE WARRANTY*

Covered by engine manufacturer

- Briggs & Stratton Vanguard V-twins = 3-year
- Kawasaki V-twins = 3-year
- Kubota 3-cylinder = 2-year or 2000 hours** with 3rd year major parts only or 3000 hours**

Limits and conditions apply. Visit ***ventrac.com/warranty***

* Please refer to the engine manufacturer's warranty statement included in your owner's manual. ** Whichever occurs first

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is a national Municipal contracting agency serving over 40,000 member agencies nationwide with competitively bid and awarded contract purchasing solutions from premium level vendors and suppliers.

GSA ADVANTAGE

is committed to helping federal agencies fulfill their mission by providing the highest quality products and services.

BUYBOARD

was created to support and serve public schools, municipalities, county government, and all types of local government agencies and nonprofits.

Visit ***ventrac.com/contracts***



BUILT FOR SNOW, DESIGNED FOR SIDEWALKS

VENTRAC SSV

The new Ventrac SSV makes it easy and efficient to manage snow and ice on sidewalks. The SSV is a dedicated Sidewalk Snow Vehicle with an industry-first 36" working width in order to allow access to the tightest areas of any property. The SSV allows more reduction of hand labor and walk-behind equipment than ever before. It's also designed with a full arsenal of commercial quality snow removal attachments and de-icing options that are engineered to provide a system that can handle any winter storm. The wait for a proper sidewalk snow machine is finally over.

Learn more at: http://ventrac.com/SSV

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