

4500 Tractor





4500Z Tractor shown with optional accessories

Table of Contents





04 | Forward Thinking

10 | Commercial Mowers

06 | **Slope**





12 | Four Seasons



16 | Comfort & Controls

18 | Attachments



22 | Accessories

Your One Tractor Solution

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

We invite you to find out how Ventrac can be Your One Tractor Solution.



When my father, Marvin Steiner, began building equipment in the late 1930's, he built machines designed to be reliable season after season - year after year. Through his inspiration, the journey of Ventrac began and continues today. Our focus remains the same as we proudly stand behind the reliable, quality products that we produce.

As a family-owned company, we are committed to our unwavering principles of ethics and high standards that are evident in every aspect of our business.



08 | **Snow**





14 | Fuel Savings



20 | Specifications

It is my passion that every Ventrac owner has equipment they can be proud of and that works exceptionally well. You can be assured that when you own a Ventrac, you have a solid machine that will serve you for years to come.

Thank you for your interest in Ventrac.

Lallas Stemes

Dallas Steiner CEO



Forward Thinking

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





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.



rows, and other low height areas



Increased Safety

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

Your Slope Advantage

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.

Maximum Slope Ratings





47% GRADE Wheel Ext.

58% GRADE Duals



All-Wheel Drive

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



Wide Stance

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



Know Your Degree

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



Traction Control

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



Full Time Contact

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



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 & Ice Management

When keeping sidewalks free of snow and ice is a priority, Ventrac leads the industry with options designed to easily handle miles of sidewalk, no matter what winter brings.



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



The Sidewalk Drop Spreader is the ultimate tool for spreading an array of



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



Warm and Dry

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

* Heater available on liquid cooled engines



Clean Sweep

The powerful rotary broom is an efficient solution for light to medium snowfalls and can also handle more demanding tasks.



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.

Outstanding Mowing Results

Ventrac finish decks are designed to be the best cutting and longest lasting finish mowers available. The full floating deck prevents scalping and will float over the landscape without gouging or tearing up turf, leaving a professionally manicured field of grass.



Stand-Out Stripes

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



Easy Service Flip Deck

Cleaning the deck and changing blades couldn't be easier with Ventrac's quick flip deck design.



Follow the Terrain

Three independent decks, on the MJ840 Contour Mower, follow the contours of the terrain, virtually eliminating turf scalping.



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.

^ HM/HP mowers only



Tough and Rugged

Easily clear thick weeds, high grass, brush, and small saplings up to one inch in diameter with the HQ680 Tough Cut.







Four Seasons Strong

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, equipment you need.



Summer

Make short work of maintaining your property during the summer with a aerating, or mowing, Ventrac has the 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.





Fuel Savings

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

Efficient Fuel Options 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

Propane 8.6 lb/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.

Comfort & Controls

Ventrac's operator controls are simple and easy to use. These responsive controls provide better performance to get the work done.





Well Connected

Instrument Panel includes tachometer, speedometer (MPH & KPH), fuel gauge, hour meter, and temperature gauge.



Effortless Steering





Comfortable Ride deluxe high back seat.

Comfort comes standard with our The six function warning gauge keeps you informed of critical operating systems with visual and audible alarms.

Patented S.D.L.A. Hand Controls.

Our patented drive system is like no other. So simple, smart, and smooth, you will enjoy the performance of this innovative hand control system.





Speed Acceleration and braking

Direction Forward and reverse

A hydraulically powered steering system provides responsive and effortless steering control.

Within Reach

Automotive style parking brake that is naturally positioned for quick access by the operator.

More Informed

Finger Tip Controls

Patented hand controls allow for simple, comfortable operation right at your fingertips.





<u>L</u>ift Lift of front-end attachments



Auxiliary Function Example: hydraulically dumping the slip scoop

4500 Tractor Attachments

TURF MAINTENANCE



AERA-Vator	EA600
Working Width	60"
Aeration Density	8 holes/ft ²
Vibrating Depth	2.75"
Optional Seeder Kit Available	

EB480

48"

H0680

MJ840

.75 - 3.5"

84"

40°

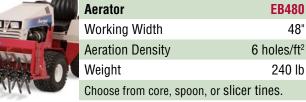
584 lb

MR740

613 lb

.39" - 2.36"

74"





0	Width of Cut	60"	72"	72"
	Cutting Height	1.125 - 4.75"	1.125 - 4.75"	
7				

Contour Mower

Width of Cut

Cutting Height

Weight

Degree of Motion for Side Decks

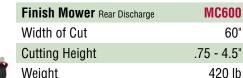
Side Discharge



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

Finish Mower HM602 HM722 HP722











	Vacuum Collection System	RV602
	B&S Vanguard Gas Engine	10 HP
	Max Lift Height	60"
	Max Bin Capacity	300 lb/16 ft3
0	Compatible with HM & HP desks	

SNOW & DEBRIS REMOVAL

Blades

Width Height Angle

Weight

















Broom	HB580
Broom Width	58"
 Broom Speed	220 rpm*
Weight	382 lb
*Engine Speed 3200 rpm	

KX523 **Snow Blower** 52" Width **Blowing Distance** Up to 40' Max Snow Capacity 4500 lbs/min Chute Rotation 220°

V-Blade	KV552
Width	48 - 55"
Height	24"
Wing Angle	+/-30°
Weight	240 lb

KD482	KD602	KD722
48"	60"	72"
22"	22"	22"
+/-30°	+/-30°	+/-30°
163 lb	203 lb	225 lb

Blower	KA160
Wind Speed	180 mph
Volume	4000 cfm
Fan	16 blade
180° Hydraulic Rotation	Standard

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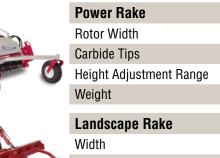
Cab	KW450
Overall Height	51"
Overall Length	58"
Overall Width	50.5"
Weight	400 lb
Sidewalk Drop Spreader	SA250
Material Capacity	2.5 ft ³ /200lbs
Material Bin Construction	Stainless Steel
Drop Width	40"
Spreading Distance*	3 miles

* Typical Application Rate is based on using bagged rock salt at 3.5 lbs/1 thousand ft² at 5 mph application speed under ideal conditions. Distance will vary based on your application rate and operating conditions.

SOIL & SITE PREPARATION

The second	MONA	
	-	

Power Bucket	HE302	HE482		Edger	ED200
Working Width	30"	48"	111 - TO	Disc Diameter	20"
Capacity	3.6 ft ³	6 ft ³		Cutting Depth	6"
Weight	103 lb	175 lb		Blower Optional on	4000 Series
				Weight	182 lb
Power Rake		KP540		Sod Cutter	EC240
Rotor Width		54"	En (river and	Cutting Width	24"
Carbide Tips		72		Cutting Depth	0 - 2.5"
Height Adjustment	Range	3.5"		Weight	38 lb
Weight	-	536 lb			
Landscape Rake		KR502	2	Stump Grinder	KC180
Width		49"		Cutterhead Width	3.5"
Width w/ Extension		69"		Cutting Depth Below Ground	6"
Angle Right to Left		+/-28°		Rotor rpm	900 rpm*
Weight		250 lb		* Engine Speed 3200 rpm	
Tiller		KL480		Ballpark Groomer	DR540
Working Width		48"		Height	26.25"
Max Till Depth		6"		Length	19"
Weight		556 lb	A COMPANY OF A COM	Width	60.5"
				Brush, Steel Drag, Cocoa Mat	Optional
Trencher		KY400		Ballpark Renovator	DG550
Trenching Width		5.5"		Height	19"
Trenching Depth		40"	Arrest Con	Length	46"
Cutting Teeth		43	Distant and a state	Width	56"
Depth Indicator		Standard			
Versa-Loader		KH500	For more informa	ation on Ventrac Attach	ments:
Working Width		48"			



	WIGHT
×.	Width w/ Extension
	Angle Right to Left
	Weight



KL
55









Versa-Loader	KH500
Working Width	48"
Capacity of Bucket	5 ft ³
Lift Height	77"
Lift Capacity including tool	500 lb

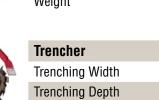
VENTRAC MOUNT SYSTEM

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









SPECIALTY ATTACHMENTS

ventrac.com/attachments

To see these Ventrac Attachments in action:

You Tube.com/ventrac

4500 SPECIFICATIONS

Model Comparison	4500K VANGUARD	4500P Kawasaki	4500¥ KUBOTA	450 KUB	
	Big Block	DFI	Diesel	Bi-Fuel	-
Stock Codes	39.51130	39.51207	39.51209	39.5	
Accessory Kit: Front fenders, foot pegs, 4 rear weights, weight transfer	Optional	Standard	Standard	Standard	
pogo, 4 rour worgino, worgin nanoror		Er	igines		
Engine	Vanguard M54	Kawasaki FD851D DFI	Kubota D902	Kubota W	G972-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 Ib	51 ft lb	
Displacement	896cc	824cc	898cc	962cc	
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 33lb 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 A	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 Accessories Kit	1565 lb (710 kg)	N/A	N/A	N/A	N/A
Weight with 3-Point Hitch	1660 lb (775 kg) with 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

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4500 Standard Features

Halogen Headlights		Ventrac Mount System
Enclosed Muffler		Heavy Duty Axles
Electric PTO with Brake		Front Hydraulic Couplers
Weight Transfer*		Dual Hydraulic Oil Filtration
Electronic Instrument Panel		Front Fenders*
Single High/Low Range Shifter		Foot Rests*
Center Articulating & Oscillating Frame		Parking Brake
Comfort Seat		Power Steering
6 Gallon Fuel Tank		S.D.L.A. Controls
Fold Down Roll Bar (R.O.P.S. Certified) ———		Storage Box
Rear Weights*		Seat Belt
2" Rear Receiver Hitch		Cup Holder
		All-Wheel Drive
* Standard on the 4500P, 4500Y & 4500Z. Optional on 4500K	• •	Oil Cooler

Meas	urements	Hitch	n and PTO
Length with Standard Hitch (ROPS up)	81.5" (207 cm)	Front Hitch	Ventrac Mount System
Length with 3-Point Hitch	92" (234 cm)	Electric PTO clutch with Brake	Ogura GT3.5 (250 ft lb)
Length with Propane Kit [^]	92 (254 cm)	Rear Hitch	2" Receiver
Width	48.5" (123 cm)	3-Point Hitch	Optional Category 1 3-Point Hitch
Width with Wheel Extensions	40.5 (123 cm) 54.5" (138.5 cm)		Tires
Width with Duals	73" (185.5 cm)		22x12-8
Wheelbase (front axle to rear	45" (114 cm)	Standard (All-Terrain)	22x12-8 22x11-10
axle)	45 (114 011)	Optional Turf	21x11-8
Height (ROPS up)	68" (173 cm)	Optional Bar	
Height (ROPS down)	54" (137 cm)		Gauges, and Alarm
Turning Radius (single tires, standard position)	39" (99 cm)	Gauges	Tachometer, Speedometer, Hour Mete Engine Temperature (liquid cooled engines only), Fuel Level, Volt Mete
Turning Radius (position 2)	54" (137 cm)	Indicator Lights	Parking Brake, Engine High-Temp^,
Turning Radius (position 3)	68" (173 cm)	^ Activates Audible Alarm	Hydraulic Oil High Temp^,
Oscillation amount (@ wheel)			Low Voltage [^] ,Low Oil Pressure [^]
Ground Clearance	5" (13 cm)	Switches	Key, PTO, and Lights
Ele	ectrical	C	ontrols
Battery	500 CCA (Group 51R)	Forward Reverse	S.D.L.A. (Speed, Direction, Lift, and
Voltage	12 volts		Auxiliary) Handle; Optional Foot Peda
Battery Disconnect	Standard, with 150A System Circuit	Attachment Lift	S.D.L.A. (Primary Handle)
	Breaker	Auxiliary Hydraulics	S.D.L.A. (Secondary Handle)
Fuses	Sealed, Mini Fuse and J-Case styles	Throttle	Dash Mounted
	ights	Front Hitch Lock	Column Mounted (Accessible from
Head Lights	(2) 55W Halogen Lights		Seat)
Tail Lights	(2) Red LED Lights	PTO Belt Tensioner	Front Mounted, Automatic Tension
Dri Hydraulic Pump	vetrain Sauer Danfoss 15 series pump		Controlled
Pump Drive	Direct Drive (Double U-Joint Drive-shaft)	Weight Transfer	5 position
Hydraulic Motors	(2) Sauer Danfoss 15 series motors	High/Low Range	Single Lever, Column Mounted
Transaxles	Peerless 2600 series	3 Pt Controls (Optional)	Lift + 2 sets of Auxiliaries
Axles	Peerless 40mm (forged) with inte-	Steering	Power Steering
	grated forged hub	-	, and the second s
Hydraulic Oil Cooler	Aluminum with Thermostatically	Tool Box	r Features Standard
Hydraulic Ail Eiltor (Sustian)	controlled Electric Fan 25 micron	Cup Holder	Standard
Hydraulic Oil Filter (Suction) Hydraulic Oil Filter (Pressur-	10 micron	•	
ized)		Seat	Deluxe High Back Seat (arm rests and suspension seat optional)
	Speed (F/R)		ROPS
Low Range	5 mph forward / 4 mph reverse	Folding ROPS	Standard
High Range	10 mph forward / 8 mph reverse	Heavy Duty Off-Road Seat Belt	
		neavy Duly On-Road Seat Bell	Standard

Slope Ratings

Max Slope Rating in 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%)	
4500 with Spreader		10° (18%)	





58% GRADE Duals

20

Hitch and	PT0
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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.

*Attachments, accessories, and tire configuration may reduce the 4500 power unit's maximum angle of operation. Refer to applicable operator manuals for maximum angle of operation of equipment.

4500 ACCESSORIES



Enclosed Cab snow





Horn Alert bystanders of your presence

Slope and Tire Accessories

Raised Platform Increases height of foot platform for easier reach and comfort

functions

Foot Pedal Control A more traditional style foot

Suspension Seat Ride all

day in the comfort of a well

2-N-1 control for forward and reverse



Arm Rests Adds comfort and support, especially while operating on slopes



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

Rear Accessories



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



3-N-1 Mount non-PTOpowered 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



SS575 Salt Spreader



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!

3-Year Residential Limited Warranty

4000 series tractors and attachments

• 3 years with **unlimited** hours

2-Year Commercial Limited Warranty

4000 series tractors and attachments

• 2 years with **unlimited** hours

Exclusions

ET200 (turbine only) - limited to 2 years HG150 (generator only) - limited to 1 year Rental equipment - limited to 180 days Replacement parts - limited to 90 days

Check out the 4500's power-packed little brother

Ventrac 3400 Tractor

Inspired by European styling, the 3400 tractor is the industry's best combination of visibility, agility, power, and versatility. Engineered with hydrostatic all-wheel drive, Ventrac gives you the traction and performance when you need it most. The articulating design and a tight 28" turning radius gives you advanced maneuverability, setting this tractor apart from the competition. Combine these features with over 15 available attachments and it's easy to see why the Ventrac 3400 stands out.

Learn more at: http://ventrac.com/3400



30°

Dual Wheel Kit

Increase stability, traction

and safety on slopes up to



Directional Hazards Directional LED signals/ blinking hazards



up to 25°

Additional 4500 Accessories Dual Auxiliary Hydraulics

4 Point Seat Belt Backup Alarm **Chrome Hub Caps** Electric PTO Remote



Wheel Extensions

Increase stability on slopes

Strobe & Work Lights Provides increased safety for Powers rear accessories roadside operation and lowvisibility situations (comes in spreader two separate kits)

Front Hitch Lock Valve

Hydraulic Top Link

Propane Kit

Electrical

Digital Slope Indicator

Indicates the degree of slope

while tractor is in operation



12V Switch & Front **12V Power Rear Outlet** Plug 12V plug is required such as the ES220 and SA250 for select front-mounted attachments: switches built into the S.D.L.A. hand control

Tire Options

Standard: All-Terrain

Optional: Bar, Turf







ES220 Seed/Fertilizer 220lb capacity



Out Front Visibility Maximum Visibility

The 3400 tractor seats the operator directly behind the attachment for a clearer view of the work being performed.



Versatility

it shares with the 4500 tractor.



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**

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

** Whichever occurs first Limits and conditions apply. Visit www.ventrac.com/warranty





15+ Commercial Attachments

Maneuverable **Compact Power**

> A tight 28" turning radius and smaller frame allows the 3400 tractor to get in and around tight guarters.

The 3400 tractor has its own lineup of attachments plus non-PTO powered attachments that







For more information on Ventrac: **WWW.Ventrac.com**



See Ventrac in action: youtube.com/Ventrac

ORRVILLE HIGH SCHOOL



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