



THE VENTRAC



Through Ventrac's advanced engineering and design efforts, the best mix of machine performance, operator experience, and durability has come together in the new 4520 tractor. Ventrac has become a top choice for versatility for ground's care professionals. Combining the perfect blend of peak power and agility with front-mounted attachments

QUICK CONNECT ATTACHMENTS

Out-front attachments provide you better visibility, safety, and control

FLEXFRAME Maneuver with tighter turns, more stability, & better ground contact

WEIGHT TRANSFER Shifts the load to increase stability and provide traction when you need it most

ALL-WHEEL DRIVE For superior traction in all situations

EFFORTLESS STEERING & CONTROLS Intuitive controls help you become one with the machine

LIGHT FOOTPRINT Allows you to operate on soft ground with minimal impact

ALL SEASON PERFORMANCE No matter the weather or job, this tractor is ready to get it done

LOW PROFILE DESIGN For optimized stability and performance handling





MASTER OF ANY TERRAIN



The majority of compact tractors have followed the structure of traditional agricultural tractors with a straight frame design. Unfortunately, this old-fashioned design was not for machines that needed to **adapt to uneven and wet terrain**. In contrast, the Ventrac 4520 is built with FlexFrame, allowing the tractor to articulate and oscillate. Ventrac's FlexFrame allows the machine to crawl over terrain no matter how it changes, allowing **more stability and capability** to work on surfaces that aren't perfectly flat.

POWERFUL FLEXIBILITY

- Smoother Ride for Operator
- Increased Stability on Slopes
- Better Ground Contact
- Matching Wheel Path
- Tighter Turning Radius



One of the most significant benefits of Ventrac's FlexFrame design is the machine's light footprint, which can be maximized with the addition of dual wheels. Even on the most delicate turf, its ability to operate in wet conditions makes its performance in less-than-perfect conditions **unmatched by any other equipment.** Ventrac's all-wheel drive and flotation tires help the tractor move across the turf without creating ruts or tearing out the grass by its roots. In addition, the oscillating FlexFrame keeps all four tires in contact with the ground, spreading out the weight of the tractor and minimizing its impact on the wet ground.



LIGHT FOOTPRINT

GENTLE ON TURF

- Dual Wheels for Better Weight Distribution
- Minimized Impact on Turf
- Operate on Soft Ground Conditions









VERSATILITY IN MOWING

EXPAND YOUR MOWING CAPABILITIES

Ventrac's full arsenal of mower decks offers **every mowing option you need** for efficiency, quality of cut, and precision to maintain everything from wild brush to professional league sports turf. Within this extensive line of mowers, each offers world-class performance and capabilities.

Features include single-lever height adjustments, full-length rear rollers, high-strength steel deck construction, and industrial components.

An optional hydraulic flip-up and mulch kit add convenience and versatility to this lineup.



VENTRAC STRIPES - SUBMITTED BY JAMES SUMNICK



VERSATILITY FOR CONTRACTORS

Pete Denny is the owner of GCI Turf Services in Greensboro, North Carolina. Pete is all about efficiency, ease of work, and long-lasting, quality-made equipment. He is a self-proclaimed 'Equipment Junkie' and doesn't mind investing in good equipment.

Pete's lawn business has expanded since adding Ventrac, and he can now offer more services. His business used to be fertilizer, weed control, and mowing, but his investment in Ventrac has **added specialized revenue streams.** He is now taking on jobs such as reconditioning gravel driveways, brush mowing, and even trenching.

DURING THE WINTER SEASON, when there is less mowing, he takes on gravel driveway restoration projects that involve re-crowning, smoothing, and fixing potholes. He can save his clients from purchasing new gravel by bringing old gravel to the surface for a fresh finish.

PETE'S FAVORITE ATTACHMENT for his Ventrac is the Tough Cut with dual wheels because he feels unstoppable. He can now cut overgrown areas that were previously defined as un-mowable. He offers slope mowing on hills up to 30 degrees and cuts through tall brush and small saplings for his clients.

THE INCREDIBLY VERSATILE NATURE of the 4520 and attachments means that Pete has invested in something to **take his business to the next level,** and he wants to keep going - power raking, tough cutting, trenching, and mowing all in one day.

I'm all about efficiency, ease-of-work, and something that's going to last a long time. I've bought multiple attachments for the tractor. We're able to offer so many more services now.

- Pete Denny, NC Landscape Contractor Pete Denny is a Ventrac Sponsored Advocate.

WATCH THE REST OF PETE'S INTERVIEW AT YOUTUBE.COM/VENTRAC





PROFESSIONAL GROUNDS CARE

In the world of professional grounds care, safety, reliability, and productivity are high on the list of essential needs when choosing the right grounds management equipment.

For those managing large campuses, sports fields, or municipal grounds, a versatile piece of **equipment that works year-round** and handles an array of jobs can be the single most valuable piece in your fleet.

There is a lot of highly specialized equipment on the market that only does one task. Ventrac is designed to work year round as an all seasons machine of versatility, eliminating the costly need to purchase multiple dedicated machines. Engineered to do more jobs, Ventrac is the epitome of Versatility That Works, offering a full array of attachments that **produce professional results.** One tractor with various attachments is ideal for cities, parks, sports fields, and municipal grounds management, where jobs like mowing, snow removal, aerating, sidewalk edging, stump grinding, etc., are tackled with ease.

Managing the grounds of a large campus has its challenges. Making the correct equipment choice should not be one of those challenges. Ventrac equipment increases efficiency in labor and productivity while producing professional results.



It amazes me that I walk on different college campuses, and they're using something else other than a Ventrac. I think to myself, 'Wow. I just couldn't imagine doing our job without it.'

> - Beau Mastrine Director of Grounds, College of Wooste



VERSATILITY FOR GOLF

SAFETY. QUALITY. CAPABILITY.

These traits define the value that golf course maintenance equipment should add to any fleet. Ventrac is designed to **maximize value** and set the benchmark for these performance categories.

Ventrac maximizes these values by offering strategies for maintaining rough areas, greens, and general maintenance on golf courses.

Native rough areas can be challenging and labor-intensive for many courses. However, these areas are often the most significant portion of a course and can be the steepest or most rugged terrain to mow.

Ventrac's FlexFrame design and features allow the tractor to easily navigate challenging terrain and provide more stability on slopes.

Ventrac's specialized attachments are engineered to perform individual tasks with **impeccable results.** Courses everywhere utilize Ventrac for stump grinding, sod cutting, trenching, mowing, snow removal, and debris removal.

The entire system is the pinnacle of machine capability, safety, and quality. Moreover, it results in definite advantages for your bottom line and where it matters the most: **on your course.**



Ventrac provided the right tool to tackle our hillsides for managing fire clearance.

- Gary Hensley, CA Estate Owner



FIRE ABATEMENT

From Gary Hensley's California ranch, where hills and grass surround his property, the beautiful views of Sacramento and Napa Valley can take your breath away.

But in this beautiful setting with the dry, arid climate, wildfires can quickly destroy a homeowner's property. Gary says wildfires are something you must prepare for but never think will happen, yet he found himself faced with the third-largest wildfire in recorded state history knocking on his doorstep.

Fire abatement practices which lie in the hands of the homeowner, are the first line of defense against wildfires. Taking measures like mowing grasses and other vegetation surrounding the property reduces fuel for the fires and keeps flames from burning too hot and becoming unmanageable.

Using a **Ventrac has been indispensable** for helping Gary establish and prepare for fires pro-actively. Because of the extreme slope capabilities of the Ventrac, he's able to access and mow weeds on 100% of his property, especially the area surrounding his house. Having a tractor that can handle these hills is crucial in preparing for potential wildfires and removing the combustible brush material.



The fires, which started by lightning strikes in the area, quickly spread to a fifty- to sixty-mile-wide area, forcing Gary's small neighborhood to prepare to evacuate. He and his family left, expecting to lose their home, but with the preparation they did in advance, primarily with defensible space and reducing combustible material, their house was spared from the fires.

Gary is now reaching out to help neighbors that don't have the proper equipment to create fire abatement areas on their property. Using the Ventrac tractor and the Power Rake, Gary has successfully established fire breaks by turning the grass under the dirt.

A year after experiencing the first wildfire, Gary continues to improve the defensible spaces on his property. Ventrac provided **the right tool to help manage the fire** and clearance needed to establish defensible space around his home. And now that his ranch is back to full foliage growth, Gary hopes that using his Ventrac will allow him to be prepared for another wildfire season.

WATCH THE REST OF GARY'S INTERVIEW AT YOUTUBE.COM/VENTRAC



83″

40°

58″

21″

382 lbs

584 lbs

.75" - 3.5"



AERA-VATOR EA600

Working Width	60"
Aeration Density	8 holes/ft²
Vibrating Depth	2.75″
Weight	420 lbs



AERATOR EB480 Working Width 48″ Aeration Density 6 holes/ft² Weight 240 lbs

CONTOUR MOWER MJ840

Degree of Motion for Side Decks

POWER BROOM HB580



FLAIL MOWER MW560 MW720 MY560 MY720 Width of Cut 56" 72" 56" 72" Cutting Height 1-5" 1-5" 1-5" 1-5" Weight 490lbs 550lbs 490lbs 550lbs



FINISH MOWER MS600 MS720 MT720 SIDE DISCHARGE OFFSET Width of Cut 60" 72" 72" 1-5" 1-5" 1-5" Cutting Height 490 lbs 550 lbs 550 lbs Weight

VACUUM COLLECTION SYSTEM RV602

10 HP

16 ft³

525 lbs

60″

52"

220°



TOUGH CUT	HQ682
Width of Cut	
Cutting Height	

BOOM MOWER MA900

Horizontal Reach

Vertical Reach

Head Rotation Range

V-BLADE *kv552*

Width

Height

Weight

Wing Angle

Cut Width

3.5"-7" 475 lbs Weight Max Material Cut Diameter 1"

68″

115″

142"

39"

48 - 55″

+/- 30°

240 lbs

24"



LEAF PLOW EF30 Operating Width Operating Height

Edge



BALLPARK REN Height Length Width



TRENCHER KY

Trencher Width Trenching Depth Cutting Teeth Depth Indicator



FINISH MOWER MU720 REAR DISCHARGE Width of Cut Cutting Height Weight 540 lbs





Broom Width

Weight

Broom Diameter

Weight

Width of Cut

Cutting Height

72"

1-5"

WIDE AREA MOWER MK960

Width of Cut	95″
Cutting Height	1-5″
Weight	580 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



DROP SPREADER Materi Materi

DROP SPREADER SA250		
Material Capacity	2.5ft3 / 200 lbs	
Material Bin	Stainless Steel	
Drop Width	40"	



REEL MOWER MR740 Width of Cut

74″ Cutting Height .39 - 2.36" Weight 613 lbs



NARROW BROOM KJ520

Broom Width	52"
Broom Diameter	24"
Weight	500 lbs



CAB *KW452* Overall Height Overall Length Overall Width Weight





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



TURBINE BI OWFR FT202 ____

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

NE BLOWER EI202	
eed	175 mph
c Rotation	360°
iuard	Standard



Weight

74″

59"

50″

385 lbs



B&S Vanguard Engine

Maximum Lift Height

Maximum Bin Capacity

Up to 40' 4500 lbs/min







300	
60"/78" w side flaps	
51"	
Adjustable Brush	

EDGER <i>ED202</i>	
Disc Diameter	20"
Cutting Depth	6"
Blower	Optional
Weight	200 lbs



24"
0-2.5"
38 lbs



STUMP GRINDER KC220	
Cutterhead Width	3.5″
Cutting Depth Below Ground	8″
Cutter Head Speed	1300 rpm



BALLPARK GROOMER DR540

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



NOVATOR DG	550
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19″	Working Wi
46"	Capacity
56″	Weight



Working Width	48"
Capacity	6 ft ³
Weight	190 lbs



POWER RAKE KG540

Rotor Width	54″
Carbide Tips	72
Height Adjustment Range	3.5″
Weight	655 lbs



LANDSCAPE RAKE KR502

Width	49"
Width w/ Wings (Optional)	69"
Angle	+/- 28°
Weight	250 lbs



TILLER *kl480*

Working Width

Max Till Depth

Weight

48″
6"
356 lbs



4	00	

5.5"
40"
34 Carbide Tipped
Standard

VERSA-LOADER KH500	
Working Width	48"
Bucket Capacity	5 ft³
Lift Height	77"
Lift Capacity including tool	500 lbs

VENTRAC MOUNT SYSTEM

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



STEP 1: Align the hitch arms of tractor and drive into the □□□□□> <□□□□ attachment arms



STEP 3: Install the drive belt to the mount system as required by attachment



STEP 2: Insert the hydraulic quick coupler connections as required by attachment



STEP 4: Engage the belt tensioner as required by attachment

*SOME ATTACHMENTS SHOWN WITH OPTIONAL ACCESSORIES. PLEASE SEE ALL ATTACHMENTS HERE: VENTRAC.COM/ATTACHMENTS

MODEL COMPARISON	4520K VANGUARD Big Block	4520P KAWASAKI DFI	4520Y KUBOTA Diesel	4520Z KUBOTA
STOCK CODES ACCESSORY KIT: FRONT FENDERS, FOOT PEGS, 4 REAR WEIGHTS, WEIGHT TRANSFER	39.51219 Optional	39.51216 Standard	39.51217 Standard	39.51215 Standard
ENGINES				
ENGINE	Vanguard M54	Kawasaki FD851D DFI	Kubota D902	Kubota WG972-GL
ENGINE MAX OPERATING SPEED	Vanguard M54 3600 rpm	Kawasaki FD851D DFI 3600 rpm	Kubota D902 3600 rpm	Kubota WG972-GL 3600 rpm
	0			
MAX OPERATING SPEED	3600 rpm	3600 rpm	3600 rpm	3600 rpm
MAX OPERATING SPEED	3600 rpm Gasoline	3600 rpm Gasoline	3600 rpm Diesel	3600 rpm Gasoline

PEAK TORQUE	47 ft Ib	47 ft Ib	42 ft Ib	51 ft Ib
DISPLACEMENT	896 cc	824 cc	898 cc	962 cc
CYLINDERS	2	2	3	3
ENGINE OIL		Ventrac Premium Full S	nthetic Engine Oil SAE	10W-30
COOLING	Air	Liquid	Liquid	Liquid
FUEL CAPACITY	6 gal	6 gal	6 gal	6 gal
FUEL ECONOMY^	1.6 gal/hr	1.2 gal/hr	1.1 gal/hr	1.5 gal/hr
MAX SLOPE RATING (CONTINUOUS / INTERMITTENT)	20°/ 30°	30°/ 30°	20°/ 30°	20°/ 30°
ALTERNATOR	50 Amp	30 Amp	60 Amp	60 Amp
DIMENSIONS				

WEIGHT WITH STANDARD HITCH	*1385 lb (628 kg)	1620 lb (735 kg)	1705 lb (773 kg)	1690 lb (767 kg)
WEIGHT WITH ACCESSORY KIT	1610 lb (730 kg)	N/A	N/A	N/A
WEIGHT WITH 3-POINT HITCH	1690 lb (767 kg) w/accessory kit	1700 lb (771 kg)	1785 lb (810 kg)	1770 lb (803 kg)

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

MEASUREMENTS

LENGTH WITH STANDARD HITCH (ROPS UP)	81.5" (207 cm)
LENGTH WITH 3-POINT HITCH	92" (234 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 VOLTAGE

HEAD LIGHTS

TAIL LIGHTS

BATTERY DISCONNECT FUSES

12 volts Sealed, Mini Fuse

LIGHTS

500 CCA (Group 51R) Standard, with 150A System Circuit Breaker and J-Case styles

(4) 1000 Lumen LED Flood Lights

(2) Red LED Lights

HITCH AND PTO

FRONT HITCH ELECTRIC PTO CLUTCH W/BRAKE 3-POINT HITCH

Ventrac Mount System Ogura GT3.5 (250 ft lb) Optional Category 1

HYDRAULIC PUMP PUMP DRIVE TRANSAXLES

AXLES

HYDRAULIC OIL COOLER HYDRAULIC OIL FILTER 25 micron (SUCTION)

HYDRAULIC OIL FILTER 10 micron

LOW RANGE HIGH RANGE

STANDARD (ALL-TERRAIN) OPTIONAL TURF

OPTIONAL CHAIN TIRE 21 x 11-8

GAUGES

INDICATOR LIGHTS ^ACTIVATES AUDIBLE ALARM SWITCHES

MAX SLOPE RATING (Any 4520* 4520 WITH CAB 4520 WITH RV602 4520 WITH KH500 4520 WITH MA900

DRIVETRAIN

Danfoss 20cc pump
Direct Drive (Double U-Joint Driveshaft)

HYDRAULIC MOTORS (2) Danfoss 20cc motors

Peerless 2600 series

Peerless 40mm (forged) with integrated forged hub

Aluminum with Thermostatically controlled Electric Fan

TRAVEL SPEED (F/R)

5 mph forward / 4 mph reverse 10 mph forward / 8 mph reverse

TIRES

22 x 12-8

22 x 11-10

INSTRUMENTS, GAUGES & ALARM

Tachometer, Speedometer, Hour Meter, Engine Temperature (Liquid Cooled Engines Only), Fuel Level, Volt Meter

Parking Brake, Engine High-Temp^, Hydraulic Oil Temp^, Low Voltage^, Low Oil Pressure[^]

Key, PTO & Lights

CONTROLS

FORWARD REVERSE	S.D.L.A. (Speed, Direction, Lift & Auxiliary) Handle, Optional Foot Pedal	LE He
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	WI TF
WEIGHT TRANSFER	5 Position	
HIGH/LOW RANGE	Single Lever, Column Mounted	HI
3 PT CONTROLS	Lift + 2 Sets of Auxiliaries	RA

Power Steering

OTHER FEATURES

	ROPS
SEAT	Heated Deluxe High Back Seat (Arm Rests and Suspension Seat Optional)
CUP HOLDER	Standard
5 AMP USB PORT	Standard

FOLDING ROPS Standard HEAVY-DUTY SEAT BELT Standard

4520 STANDARD FEATURES



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 4520P Kawasaki DFI engine is rated for 30° continuous operation and does not have this requirement.







SLOPE RATINGS

(OPTIONAL)

STEERING

Any Direction)	SINGLE TIRES	WHEEL EXTENSIONS	DUAL WHEELS	
	20° (36%)	25° (47%)	30° (58%)	
	10° (18%)	NOT COMPATIBLE	NOT COMPATIBLE	
	10° (18%)	?	15° (27%)	
	5°(9%)	NOT COMPATIBLE	NOT COMPATIBLE	SIN
	10° (18%)	?	18° (32%)	



ENCLOSED CAB Protection from wind, rain and snow.



CANOPY Provides shade for operator.



HEATED 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



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









Tractors and attachments 2 years with unlimited hours

** Whichever occurs first



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



WHEEL EXTENSIONS Increase stability on slopes up to 25°.



NARROW TIRE AND CHAIN The tire chains help improve traction and reduce wheel spin in rough/steep environments



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

3-N-1



SA250 SIDEWALK DROP SPREADER 2.5 ft3/200lbs capacity

2-N-1

counterweights.





MID-WEIGHT BAR KIT Add up to four additional weights to the middle of your 4000 series Ventrac



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

ADDITIONAL ACCESSORIES

4-POINT SEAT BELT BACKUP ALARM HORN DUAL AUXILIARY HYDRAULICS FRONT HITCH LOCK VALVE HYDRAULIC TOP LINK

4520K ACCESSORIES (STANDARD ON ALL OTHER 4520 TRACTORS)

FOOT REST

FRONT FENDERS

REAR WEIGHTS

WEIGHT TRANSFER KIT



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



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)

Mount non-PTO-powered Ventrac

includes 2-inch receiver for towing,

attachments to the rear. Also



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



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



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 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.

CONTRACT PURCHASING



SOURCEWELL

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

Board

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

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: VENTRAC.COM/SSV



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