



**VENTRAC**  
4520z

**SNOW EQUIPMENT**



# THE VENTRAC 4520

# ELEVATE THE NEXT LEVEL.

Take control of keeping sidewalks safer and free of snow from the comfort of a heated cab with the Ventrac 4520. This tractor and attachment combo is built to handle extreme winter events while getting the job done efficiently and quickly. From breaking through deep snow and drifting blizzards to maintaining a clean-swept path during the worst of winter storms, the 4520 will not disappoint.

## 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



\* Images in this catalog may feature optional accessories





# 4520 SNOW REMOVAL

The snow removal industry can be competitive, and contractors must perform at the highest level to flourish. Ventrac's full line of snow and ice management equipment provides contractors with the edge they need to compete.

The FlexFrame design allows for **better maneuverability** in tight spaces and smaller areas plus has the added benefit to navigate curbs up to 8 inches.

Contractors save labor and time while performing more efficiently when multi-tasking with the 4520. Eliminate sidewalk shoveling and separate salt applications by combining an attachment on the front and a deicer on the back for a one-pass process, saving time and labor.

With brooms to handle light snow, snow blowers for heavy removal and blades for everything in between, the Ventrac has the ideal attachment to cover every intensity of snow. To enhance the operator's experience, staying warm and dry is achieved with the addition of a heated cab.

Ventrac's compact size and its one-pass process results in the **perfect match for tackling sidewalk snow.**





# BROOM

Model	KJ520
Working Width	48-52"
Broom Speed	277 rpm*
Broom Diameter	24"
Weight	500 lb

\*Engine Speed 3500 rpm



# V-BLADE

Model	KV552
Working Width	48-55"
Blade Angle	+/-30°
Weight	240 lb



# BLADES

Model	KD482	KD602	KD722
Working Width	48"	60"	72"
Blade Height	22"	22"	22"
Blade Angle	+/-30°	+/-30°	+/-30°
Weight	163 lb	203 lb	225 lb



# SNOW BLOWERS

Model	KX523	KX480
Working Width	52"	48"
Blowing Distance	Up to 40'	Up to 40'
Max Capacity	4500lbs/min	4000lbs/min
Chute Rotation	180°	180°





# 4520 DEICING SOLUTIONS

# 4520 SPECIFICATIONS



## 40" DROP SPREADER

Model	SA250
Drop Width	40"
Spreading Distance	Up to 3 miles
Material Capacity	2.5ft <sup>3</sup> /200lbs

# 4520 SNOW ACCESSORIES

## V-BLADE



6" Straight Edge Ext



6" Ext with 6" Top Flare



Polyurethane Edge

## BROOM



Actuator

## SNOW BLOWER



Actuator



Deep Snow Kit

## BLADES



Polyurethane Edge



Box Extensions

MODEL COMPARISON	4520K VANGUARD Big Block	4520P KAWASAKI DFI	4520Y KUBOTA Diesel	4520Z KUBOTA
STOCK CODES	39.51219	39.51216	39.51217	39.51215
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
HORSEPOWER	31	31	25	32.5
PEAK TORQUE	63.72 nm	63.72 nm	56.94 nm	69.15 nm
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	22.7 L	22.7 L	22.7 L	22.7 L
FUEL ECONOMY*	6 L/hr	4.5 L/hr	4 L/hr	5.6 L/hr
MAX SLOPE RATING (CONTINUOUS / INTERMITTENT)	20°/ 30°	30°/ 30°	20°/ 30°	20°/ 30°
ALTERNATOR	50 Amp	30 Amp	60 Amp	60 Amp

DIMENSIONS	
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	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	(4) 1000 Lumen LED Flood 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

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





**VENTRAC**

**SIDEWALK SNOW VEHICLE**





# SIDEWALK SNOW VEHICLE SSV

# NO SUCH THING AS A HARD WINTER

The Ventrac SSV is the perfect size for adept maneuvering on sidewalks, yet powerful enough to move heavy snowfalls. Front-mounted attachments let operators see the work out front. This forward thinking design allows for better visibility so operators can work more confidently when close to landscaping, buildings or other objects.

## **SIDEWALK FRIENDLY**

34" wide compact machine tailored for sidewalks

## **4 X 4 SKID STEER OPERATION**

The perfect combination of maneuverability and power

## **8 MPH TOP SPEED**

Achieve the best results with top-speed efficiency

## **ALL THE OPTIONS**

Every attachment and accessory to manage sidewalk snow

## **ONE PASS DE-ICING**

Apply brine or drop salt in one pass for a complete application system

## **QUICK ATTACH HITCH**

Tool-free attachment changes in under a minute

## **OPERATOR COMFORT**

Heated hand grips, intuitive controls, and suspended platform

\* Images in this catalog may feature optional accessories





# SIDEWALK SNOW VEHICLE

For pain-free snow and ice removal on sidewalks and narrow pathways, the Ventrac SSV offers the next level of performance. This power-packed sidewalk machine will deliver when the storm hits with the performance you need.

Commercial grade snow blower, broom or blade can be coupled with state of the art de-icing options for a definitive snow tackling system to make any storm feel effortless.

Every industry professional seeks reduced labor and less walk-behind equipment to **meet demand with more efficiency**. An industry-first 34" width on the SSV allows more access to the tightest areas of any property and has you covered to handle miles of sidewalks.

Providing hours of **comfortable use and powerful operation** on the snowiest of sidewalks, the SSV will fill in gaps in your current fleet and become your on-demand sidewalk machine.

The SSV is a power performing machine that offers its own unique footprint in the snow removal industry. Don't miss out on the chance to experience this snow clearing marvel.





# BROOMS

Model	NJ380
Working Width	35-38"
Broom Speed	290 rpm*
Weight	350 lb

*\*Engine Speed 3200 rpm*



# SNOW BLOWER

Model	NX340
Working Width	33.375"
Blowing Distance	Up to 30'
Chute Rotation	228°



# V-BLADE

Model	NV360
Working Width	32-36"
Blade Angle	+/-30°
Weight	255 lb



# BLADE

Model	ND420	ND540
Working Width	42"	54"
Blade Angle	+/-30°	+/-30°
Weight	165 lb	190 lb



# SNOW BUCKET

Model	NE380
Working Width	38"
Capacity	200 lb
Weight	170 lb





# SSV DROP SPREADER

Model	NA130
Drop Width	29"
Material Capacity	1.3 ft3 / 100 lb

# SSV BRINE SYSTEM

Model	NB200
Brine Capacity	20 Gallons
Spray Pattern	36-48"
Spray Wand	Optional



## SSV ACCESSORIES

### V-BLADE



Polyurethane Edge

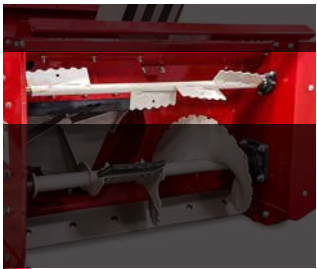


Extensions

### SNOW BLOWER



Actuator



Deep Snow Kit

### BLADE



Polyurethane Edge

### BROOM



Actuator

## SSV SPECIFICATIONS

MODEL	SSV Vanguard Gasoline
STOCK CODES	39.61102
ACCESSORY OPTIONS:	PTO, Weight Transfer & Rear Work Lights

ENGINES	
ENGINE MANUFACTURER	Vanguard
ENGINE	386777
MAX OPERATING SPEED	3600rpm
HORSEPOWER	23
PEAK TORQUE	32-lbs (43.4 Nm) @ 3000rpm
DISPLACEMENT	627 cc
CYLINDERS	2
ENGINE OIL	Ventrac Full Synthetic 10W30
FUEL TYPE	Gasoline
FUEL CAPACITY	3.3 gal (12.5L)
FUEL ECONOMY	1.0 gal/hr
SLOPE RATING	10° (18% Grade)
ALTERNATOR	20-50 Amps

DIMENSIONS	
WEIGHT	970 lb (440 kg)
WEIGHT WITH ACCESSORIES KITS	1020 lb (63 kg)
WHEELBASE	28 in (71 cm)
LENGTH	67 in (171 cm)
WIDTH	34 in (86 cm)
HEIGHT	55 in (140 cm)
TURNING RADIUS	0 in (0 cm)

TIRES	
STANDARD (ALL TERRAIN)	18x8.5-10 (46 x 22 x 25.4 cm)

TRAVEL SPEED (F/R)	
HIGH RANGE	8 mph (12.8 kph) forward 5 mph (8 kph) reverse

ELECTRICAL	
BATTERY	500 CCA (Group 51R)
VOLTAGE	12 Volts
BATTERY DISCONNECT	150A Circuit Breaker
FUSES	Mini Fuse

HITCH AND PTO (OPTIONAL)	
FRONT HITCH	Ventrac Mount System
ELECTRICAL PTO CLUTCH WITH BRAKE	Warner GT-2000

LIGHTING	
HEAD LIGHTS	(2) 1200 Lumens LED Lights
REAR WORK LIGHTS	(2) 1200 Lumens LED Lights

DRIVETRAIN	
TYPE	Hydrostatic
PUMP	Hydro-Gear tandem, variable displacement piston type
WHEEL MOTORS	Parker TJ Geroller
HYDRAULIC OIL FILTER (SUCTION)	25 Micron, replaceable
HYDRAULIC OIL FILTER (PRESSURIZED)	10 Micron, replaceable

INSTRUMENTATION	
GAUGES	Hour Meter, Fuel Level
INDICATOR LIGHTS	PTO, Parking Brake, Low Voltage, Low Oil Pressure

CONTROLS	
FORWARD/REVERSE	Hydraulic Lever Control
ATTACHMENT LIFT	Joystick
AUXILIARY HYDRAULICS	Joystick
THROTTLE	Dash Mounted
FRONT HITCH LOCK	Hitch Mounted
PTO BELT TENSIONER	Machine Spring
WEIGHT TRANSFER	3 Position
STEERING	Hydraulic Lever Steer

All specifications subject to change without notice or obligation





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