



STANDARD FEATURES

- Enclosed Muffler
- Pre-Wired Plug & Play Wiring Harness
- Premium Comfort Seat
- Advanced Electronic Instrument Panel
- 6 Function Warning Gauge & Alarm
- Conveniently Located PTO Belt Tensioner
- On-board Diagnostic System
- Sealed Electrical System
- Thermostatically Controlled Oil Cooler
- Battery Disconnect Switch with Circuit Breaker
- Automotive Style Parking Brake
- Universal PTO Switch
- S.D.L.A. Operator Controls
- Weight Transfer System*

* Optional on 4500K, standard on other 4500 Models

Optional Accessories:

- Turf or Bar Tires
- Category 1 3-Point Hitch
- Cold Weather Cab
- Additional Lighting & Signaling Packages
- Electrical Power Outlets
- Digital Slope Indicator
- Dual Wheel or Wheel Extensions for Slope

Visit www.ventrac.com/accessories for full list.

The Ventrac 4500 tractor was built with you in mind. From the advanced electrical system, redesigned frame, more safety and comfort features; the 4500 offers the reliable performance, astounding versatility and comfortable handling you have come to expect.

Like all Ventrac tractors, the 4500 utilizes All Wheel Drive and an articulating chassis with a low center of gravity to provide superior traction, braking, stability, and security on tough terrain and slopes without disturbing turf when turning.

Over 30 Ventrac Mount Attachments

Choose from over 30 professional grade Ventrac Mount attachments to transform your Ventrac into a productivity powerhouse. This incredibly rugged and dependable machine is a wise business investment for golf courses, schools and universities, parks, street maintenance departments, commercial mowing services, contractors, wineries, farms, property management associations, estate owners and anyone needing one machine to do it all.



TRACTOR COMPATIBILITY KEY:

3400

4500

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
Horsepower	31	31	25	32.5
Peak Torque	47 ft lb	47 ft lb	42 ft lb	51 ft lb
Displacement	896cc	824cc	898cc	962cc
Cylinders	2	2	3	3
Engine Oil	Ventrac Full Synthetic 10W30			
Cooling	Air	Liquid	Liquid	Liquid
Fuel Type	Gasoline	Gasoline	Diesel	Gasoline, Propane [^]
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 (gas) 8.6 lb/hr (lp) [^]
Slope Rating (continuous/intermittent)	25°/30°	30°/30°	20°/30°	20°/30°
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)
Weight with accessories kit	1565 lb (710 kg)	N/A	N/A	N/A
Weight with 3-point hitch	1660 lb (775 kg) w/ accr kit	1670 lb (760 kg)	1750 lb (795 kg)	1750 lb (795 kg)
Length with standard hitch (ROPS up)	81.5 inches (207 cm)			
Length with 3-point hitch	92 inches (234 cm)			
Length with propane kit	N/A	N/A	N/A	99 inches (252 cm)
Width	48.5 inches (123 cm)			
Width with wheel extensions	54.5 inches (138.5 cm)			
Width with duals	73 inches (185.5 cm)			
Wheelbase (front axle to rear axle)	45 inches (114 cm)			
Height (ROPS up)	68 inches (173 cm)			
Height (ROPS down)	54 inches (137 cm)			
Turning Radius (single tires, standard position)	39 inches (99 cm)			
Turning Radius (position 2)	54 inches (137 cm)			
Turning Radius (position 3)	68 inches (173 cm)			
Oscillation amount (@ wheel)	7.5 inches (19 cm)			
Ground Clearance	5 inches (13 cm)			

[^] If equipped with optional Propane Kit for the 4500Z ^{^^} Fuel Economy tested with HM602 mower for comparison purposes. Application conditions & attachment will affect fuel economy.

All specifications subject to change without notice or obligation



500 Venture Drive
Orrville, OH 44667
1.866.836.8722

Fax: 330.683.0000
www.ventrac.com
info@ventrac.com

SPECIFICATIONS (Continued)

APPLIES TO ALL 4500 TRACTORS

Electrical

Battery	475 CCA (Group 51R)
Voltage	12 volts
Battery Disconnect	Standard, with 150A System Circuit Breaker
Fuses	Sealed, Mini Fuse and J-Case styles

Drivetrain

Hydraulic Pump	Sauer Danfoss 15 series pump
Pump Drive	Direct Drive (Double U-Joint Drive-shaft)
Hydraulic Motors	(2) Sauer Danfoss 15 series motors
Transaxles	Peerless 2600 series
Axles	Peerless 40mm (forged) with integrated forged hub
Hydraulic Oil Cooler	Aluminum w/ Thermostatically controlled Electric Fan
Hydraulic Oil Filter (Suction)	25 micron
Hydraulic Oil Filter (Pressurized)	10 micron

Hitch and PTO

Front Hitch	Ventrac Mount System
Electric PTO clutch with Brake	Ogura GT3.5 (250 ft lb)
Rear Hitch	2 inches Receiver
3-Point Hitch	Optional Category 1 3-Point Hitch

Tires

Standard (All Terrain)	22x12-8
Optional Turf	22x11-10
Optional Bar	21x11-8

Travel Speed (F/R)

Low Range	5 mph forward / 4 mph reverse
High Range	10 mph forward / 8 mph reverse

Instruments, Gauges, and Alarm

Gauges	Tachometer, Speedometer, Hour Meter, Engine Temperature (liquid cooled engines only), Fuel Level, Volt Meter
Indicator Lights	Parking Brake, Engine High-Temp [^] , Hydraulic Oil High Temp [^] , Low Voltage [^] , Low Oil Pressure [^]
[^] Activates Audible Alarm	
Switches	Key, PTO, and Lights

Lights

Head Lights	(2) 55W Halogen Lights
Tail Lights	(2) Red LED Lights

Controls

Forward Reverse	S.D.L.A. (Speed, Direction, Lift, and 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 Off-Road Seat Belt	Standard

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4500 Tractor

TRACTOR COMPATIBILITY KEY:

3400

4500

SLOPE SPECIFICATIONS

Maximum Slope Rating (any direction)



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%)	

*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.



Digital Slope Gauge
Recommended for operation on slopes.

ENGINE RATINGS

Model #	4500K	4500P	4500Y	4500Z	
Engine	B&S Vanguard Model 54	Kawasaki FD851D	Kubota D902	Kubota WG972-GL	
Fuel	Gas	Gas (DFI)	Diesel	Gas	Propane**
Max Slope Intermittent Use***	30° (58%) [^]	30° (58%)	30° (58%) [^]	30° (58%) [^]	25° (47%) [^]
Max Slope Continuous Use***	25° (47%)	30° (58%)	20° (36%)	20° (36%)	20° (36%)

** With Optional Propane Kit for 4500Z

*** For slope operation over 20°, Wheel Extensions are required for up to 25° or Dual Wheels are required for up to 30°

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.

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HQ680

TOUGH CUT



- Connects To Front Of Tractor
- Cut Material Before Driving Over
- Flip Up Deck
- Excellent Visibility
- Heavy Duty Deck Construction

TOUGH CUT

Model	HQ680
Stock Code	39.55104
Deck Style	Flexible Debris Shield
Width of Cut	68 inches (173 cm)
Number of Blades/Type	3 blades, 5/16 x 2½ x 23 inches (79mm x 6.35cm x 58cm)
Cutting Heights (Standard)	3, 3-5/8, 4¼ inches
Cutting Height Range with Optional Swivel Wheel Kit	3½ - 7 inches (89 to 178 mm) in ½ inch (12.7 mm) increments
Deck Construction	Multi Gauge, 5/16 inch (7.9 mm) at spindle mount
Spindles/Pulleys	Field Serviceable w/ Top Grease Fittings

Optional Accessory

Swivel Wheel Kit	70.8213
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Dimensions

Length	45 inches (114 cm)
Width	69 inches (175 cm)
Height	18 inches (46 cm)
Weight	360 lbs (163 kg)
Shipping Weight	449 lbs (204 kg)
Shipping Dimensions (LWH)	73 x 46½ x 19 inches (185 x 118 x 48 cm)

All specifications subject to change without notice or obligation



STANDARD FEATURES

- Rear Adjustment for Deck Pitch
- Heavy Duty Blades
- Tilt-Up Deck
- Ventrac Mount System

OPTIONAL ACCESSORIES

- Swivel Wheel Kit

TRACTOR COMPATIBILITY KEY:



The HQ680 Tough Cut is designed for mowing high grass, thick weeds, and heavy brush. A large baffled front opening directs material into the deck and helps hinder debris from escaping.

Three heavy-duty blades counter rotate to cut and deposit waste evenly without windrowing. Capable of tackling saplings up to one inch in diameter, the Tough Cut makes short work out of overgrown thickets.

The Tough Cut can be set to three cutting heights, 3, 3⁵/₈, and 4¹/₄ inches. The optional swivel wheel kit provides eight different cutting heights ranging from 3½ to 7 inches.

The HQ680 can be tilted up to access the underside of the mower deck for cleaning, maintenance, or storage. Additionally, easy servicing of belts and pulleys is accessible by the hinged, removable cover.



MS600, MS720, MT720 & MU720

FINISH MOWERS



- Anti-Scalp Rollers
- Tougher Spindles
- Larger Discharge Opening

- Ultra Smooth Shell
- Stripe Roller

FINISH MOWERS



MS600

MS720

MT720

MU720

Stock Code	39.55110	39.55111	39.55112	39.55114
Discharge Type	Side	Side	Side, 6" Offset	Rear
Width of Cut	60 Inches (152 cm)	72 Inches (183 cm)	72 Inches (183 cm)	72 Inches (183 cm)
Number of blades/type	3 x 21 High-lift	3 x 25 High-lift	3 x 25 High-lift	3 x 25 Low-lift
Cutting Height Range	1-5 Inches (25-127 mm)			
Cutting Height Increments	Positions 1-3 (1/8") (3 mm) Positions 4-18 (1/4") (6 mm)	Positions 1-3 (1/8") (3 mm) Positions 4-18 (1/4") (6 mm)	Positions 1-3 (1/8") (3 mm) Positions 4-18 (1/4") (6 mm)	Positions 1-3 (1/8") (3 mm) Positions 4-18 (1/4") (6 mm)
Deck Construction	High-strength steel	High-strength steel	High-strength steel	High-strength steel
Spindles/Pulleys	Field serviceable with bottom grease fittings			
Anti Scalp Rollers	3 Front	3 Front	3 Front	3 Front

OPTIONAL ACCESSORIES

Mulch Kit	70.8165	70.8164	70.8164	70.8167
Flat Free Wheel (2 Required)	53.0148	53.0148	53.0148	53.0148
Hydraulic Flip Up Kit	70.8214	70.8214	70.8214	70.8214

DIMENSIONS

Length	62 5/8 inches (159 cm)	66 1/8 inches (168 cm)	66 1/8 inches (168 cm)	60 5/8 inches (154 cm)
Width	74 5/8 inches (190 cm)	86 1/2 inches (220 cm)	86 1/2 inches (220 cm)	72 7/8 inches (185 cm)
Height	18 1/4 Inches (46 cm)	18 1/4 Inches (46 cm)	18 1/4 Inches (46 cm)	18 1/4 Inches (46 cm)
Weight	490 lbs (222 kg)	550 lbs (249 kg)	550 lbs (249 kg)	540 lbs (245 kg)
Shipping Weight	660 lbs (299 kg)	720 lbs (327 kg)	720 lbs (327 kg)	710 lbs (322 kg)
Shipping Dimensions (LWH)	57 x 65.5 x 25.5 inches (26 x 30 x 12 cm)	60.5 x 77.75 x 25.5 inches (27.4 x 35 x 12 cm)	60.5 x 77.75 x 25.5 inches (27.4 x 35 x 12 cm)	60.5 x 77.75 x 25.5 inches (27.4 x 35 x 12 cm)

All specifications subject to change without notice or obligation

HYDRAULIC FLIP-UP KIT

The Hydraulic Flip-Up kit makes deck clean-up quick and effortless. Using the SDLA controls, you can flip your mower deck up from the seat!

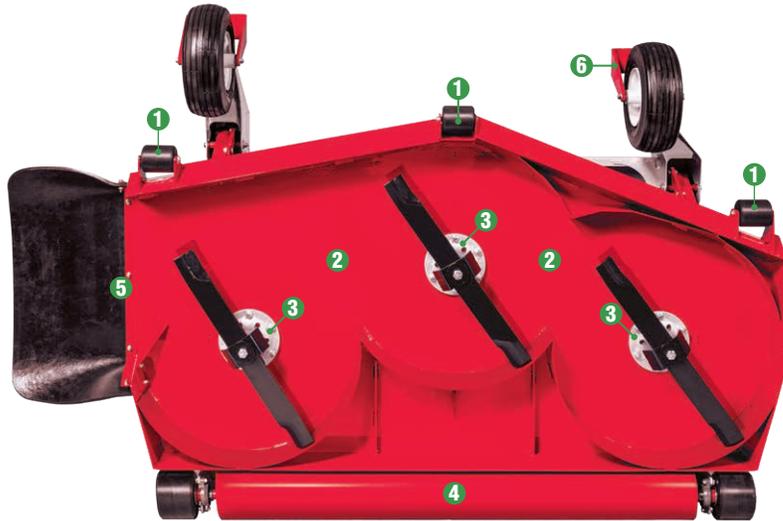


TRACTOR COMPATIBILITY KEY:



FEATURES

5" deep deck shell increases airflow & performance, and made from high strength steel for exceptional abrasion and impact resistance. Check out these other game changing features:



BOTTOM VIEW

1. Anti-Scalp Rollers

Anti-scalp rollers help protect the turf

2. Ultra Smooth Deck Shell

Cleaner, smoother deck shell, helps prevent grass buildup

3. Tougher Spindles

Ventrac's best spindle yet featuring 6 bolt mount, 5/8" retaining bolt, and double row angular contact bearings

4. Stripe Roller

Smoother ride, increased bearing life, and bolder more pronounced stripes

5. Larger Discharge Opening

Large discharge opening improves airflow and cut quality

6. Offset Trim Wheel

Improved quality of cut and better line of sight trimming

7. Low Profile Bearing Caps

Reach under bushes and pine trees without worry of losing the caps

8. Improved Carrier Frame

Strengthened carrier frame arms for increased durability

9. Rubber Discharge Chute

Easy on landscape, will not dent like steel**

10. Improved Casters

Tapered roller bearings and larger diameter pivot bolt provide smoother operation and longer life

11. Tool-Free Belt Tensioner

Our NEW tool-free belt tensioner makes maintenance quick and easy

12. Hydraulic Flip-Up

Optional Hydraulic Flip-Up makes deck clean up quick and effortless (Manual Flip-Up standard)

13. Heavier Roller Mounts

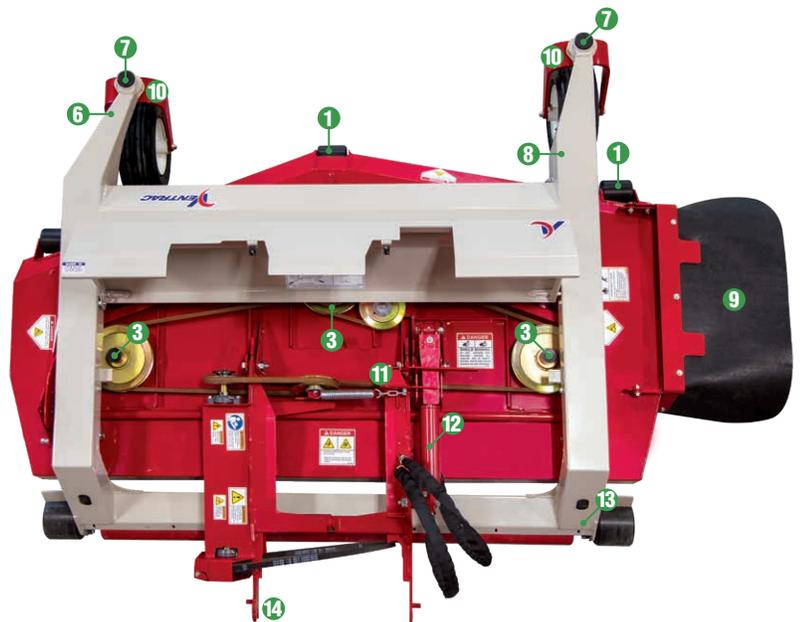
Reinforced rear roller mounts to help carry the load for the long haul

14. Ventrac Mount System

Allows for quick connection of the mower deck with no tools or heavy lifting

15. One Lever Height Adjustment

Broad range of height settings from 1"-5" in 1/4" increments



TOP VIEW

**MU720 does not have a discharge chute





SPECIFICATIONS

Stock Code	70.0098
Length	52 inches (132 cm)
Width	47 inches (119 cm)
Mount Height	70 inches (178 cm)
Weight	70 lbs (31.75 kg)
Shipping Weight	150 lbs (68 kg)

All specifications subject to change without notice or obligation

Operate your Ventrac 4000 series tractor in comfort by adding a canopy. This heavy duty canopy provides protection from the sun and rain without hindering visibility. The canopy can be adjusted up and down to accommodate individual's height.

STANDARD FEATURES

- Heavy-duty reinforced construction
- Can be Tilted
- Allows operator to stay Cool and Dry while operating tractor and attachments
- Provides protection from harmful UV rays



TRACTOR COMPATIBILITY KEY:



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Pricing Quote

Quote #: 47357-2153

Date Quoted: September 20, 2020

Quote Expires: March 25, 2021

Prepared For:

Jack McLain
City of Mesquite

Prepared By:

Austin Turf & Tractor
Caleb Buckley
Austin Turf & Tractor - Farmers Branch
2098 Valley View Lane
Farmers Branch, TX 75234
Phone: 214-931-9405

Thank you for the opportunity to quote the following Ventrac product(s) for your review. I have added the items that we feel would best serve your needs. Please feel free to contact me with any questions.

QTY	Model #	Description	Buyboard	Total
3	4500Z (39.51208)	Ventrac Tractor: KN, 4500Z Kubota WG972-GL <i>Included Standard: Weight Transfer, SDLA Hand Controls, 4 Rear Weights, Front Fenders, Foot Pegs</i>	21,555.00	64,665.00
3	53.0137-99	Accessory: TIRE OPTION Wheel, Asm 22x11x10 Turf Factory	234.00	702.00
3	HQ680 (39.55104)	Attachment: MOWERS - TOUGH CUT HQ, HQ680 Mower, Tough Cut	3,073.50	9,220.50
3	70.8213	Accessory: SWIVEL WHEEL KIT Kit, HQ680 Swivel Wheel	558.00***	1,674.00
4	MS720 (39.55111)	Attachment: MOWERS - FINISH MS, MS720 Mower SD	3,798.00	15,192.00
3	70.4154	Accessory: SUSPENSION SEAT Kit, Suspension Seat 4500	535.50	1,606.50
3	70.4109	Accessory: HYDRAULIC FRONT DUAL VALVE, KIT FOR 4500 Kit, Dual Front HYD Aux 4500	378.00	1,134.00
4	70.0098	Accessory: CANOPY Kit, Canopy Option	540.00	2,160.00

*** Item is open market with contract discount applied.

TOTAL USD \$ 96,354.00

Notes:

Buyboard Contract 611-20