



## 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](http://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<br>VANGUARD<br>Big Block  | 4500P<br>KAWASAKI<br>DFI | 4500Y<br>KUBOTA<br>Diesel | 4500Z<br>KUBOTA<br>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  |
| <b>Engines</b>   |                                 |                          |                           |   |
| 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 <sup>^</sup>                  |
| Fuel Capacity  | 6 gal                           | 6 gal                    | 6 gal                     | 6 gal<br>2 x 33lb lp tanks <sup>^</sup>         |
| Fuel Economy <sup>^^</sup>   | 1.6 gal/hr                      | 1.2 gal/hr               | 1.1 gal/hr                | 1.5 gal/hr (gas)<br>8.6 lb/hr (lp) <sup>^</sup> |
| Slope Rating (continuous/intermittent)   | 25°/30°                         | 30°/30°                  | 20°/30°                   | 20°/30°   |
| Alternator   | 50 Amp                          | 30 Amp                   | 60 Amp                    | 60 Amp  |
| <b>Dimensions</b>  |                                 |                          |                           |   |
| 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)<br>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)                |                          |                           |   |
| <sup>^</sup> If equipped with optional Propane Kit for the 4500Z <sup>^^</sup> 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

## 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 <sup>^</sup> , Hydraulic Oil High Temp <sup>^</sup> , Low Voltage <sup>^</sup> , Low Oil Pressure <sup>^</sup> |
| <sup>^</sup> 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

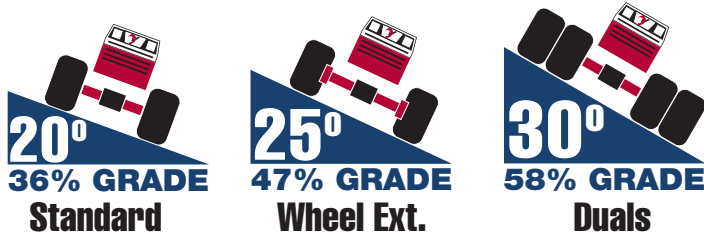
TRACTOR COMPATIBILITY KEY:

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                  |                        |
|--------------------------------------|------------------------|-----------------|------------------------|------------------------|------------------------|
| <b>Engine</b>                        | B&S Vanguard Model 54  | Kawasaki FD851D | Kubota D902            | Kubota WG972-GL        |                        |
| <b>Fuel</b>                          | Gas                    | Gas (DFI)       | Diesel                 | Gas                    | Propane**              |
| <b>Max Slope Intermittent Use***</b> | 30° (58%) <sup>^</sup> | 30° (58%)       | 30° (58%) <sup>^</sup> | 30° (58%) <sup>^</sup> | 25° (47%) <sup>^</sup> |
| <b>Max Slope Continuous Use***</b>   | 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

<sup>^</sup> 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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**Ness** TURF EQUIPMENT

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