

# Specifications

## Traction Unit Specifications

Engine	Kubota, four-cycle, four cylinder, 134 in. <sup>3</sup> displacement, water-cooled turbo diesel engine. Rated 58 hp @ 2600 RPM, 23:1 compression ratio. Low idle—1500 RPM, high idle—2800 RPM. Oil capacity is 8 qt. (7.6 l) with filter.
Cooling system	Capacity is 2-3/4 gallons (10.4 l) of 50/50 mixture of ethylene glycol anti-freeze.
Fuel system	Electric fuel pump. Replaceable inline filter and spin-on fuel filter/water separator. Capacity is 19 gallons (72 l) of #2 diesel fuel.
Hydraulic system	Reservoir capacity is 8 gallons (30 l). Two replaceable spin-on filter elements.
Traction system	Servo-controlled hydrostatic system driving planetary gear reduction front wheel drives. Foot pedal control of forward/reverse ground speed. Rear drive axle coupled to hydrostatic transmission for full time 4-wheel drive when in Mow position. A Roll Over Protective Structure (ROPS) and seat belt are standard.
Ground speed	Mow: 0-8 MPH (0-12.8 km/h) Transport: 0-15 MPH (0-24 km/h)
Tires	Front: 26x12.00-12, 6-ply, tubeless turf tire Rear: 20x10.00-10, 6-ply, tubeless turf tire Front and back tire pressure is 25-30 psi (172-207 kPa).
Diagnostic system	Test ports for traction system, cutting unit drive system, lift/counterbalance, lift/relief, steering circuits, and charge pressure are located near individual components.
Steering system	Automotive type, full power
Brakes	Internal multiple wet disc brakes
Electrical system	12 volt, 110 minute reserve capacity (DIN) battery and 40 amp. alternator. Negative ground. Battery type group 24.
Interlock system	Prevents engine from starting unless traction pedal is in neutral and PTO is disengaged. If the operator leaves seat with the traction pedal depressed and the PTO engaged, after one second the PTO will disengage and if the operator is not back in the seat within 2 seconds the engine will stop. Engine will stop if machine comes out of neutral with parking brake set.
Gauges, indicator lights, and audible warning systems	Fuel gauge, engine coolant temperature gauge, hour meter, indicator lights for high engine coolant temperature, low engine oil pressure, glow plugs and charging. Audible warning for low engine oil pressure and high engine temperature.
Controls	Steering wheel, tilt adjustment, ignition switch, PTO switch, throttle control, traction pedal, mow/transport speed selector switch, flow divider switch, brakes (for turning or traction assist), parking brake pedal lock, and cutting unit lift/lower levers

## Cutting Unit Specifications

Front cutting unit	62 in. (157 cm) width of cut, 3 blades. Cutting unit can be tipped and latched for maintenance.
Side cutting units	42 in. (107 cm) width of cut, 2 blades
Height of cut	1-5 in. (25-127 mm) adjustable in 1/2 in. (13 mm) increments. Front cutting unit adjustment is achieved by changing spacers on castor wheels and length of support chains. Side cutting unit adjustment is achieved by adding or removing an equal number of spacers from the castor forks, positioning the castor wheel axles in the high or low height-of-cut holes in the castor forks and securing the pivot arms to the selected height-of-cut bracket holes.
Construction	Housing is made of 12 gauge steel and reinforced with channels and plates.
Cutter drive	One hydraulic motor per cutting unit. Each motor powers one spindle directly while remaining spindles are driven by a B section v-belt. Spindle shafts are supported by two externally sealed, greaseable, tapered roller bearings. All blades, spindles and belts are interchangeable.
Blades	Seven 21-3/4 in. long, 1/4 in. thick, heat-treated steel
Suspension and castor wheels	Front cutting unit has two front castors, consisting of 8 in. pneumatic wheel and tire assembly with sealed ball bearings. Rear of cutting unit is suspended from lift arms with adjustment for cutting unit rake. Hydraulic counter balance and lift system designed integral with cutting unit for maximum flotation and traction. Side cutting units have two front fixed castors and one rear castor consisting of 8 in. pneumatic wheel and tire assembly with sealed ball bearings. Inside rear of cutting unit is suspended by a spring and damper system. Hydraulic counter balance and lift system designed integral with cutting unit for maximum flotation and traction.
Anti-scalp features	Anti-scalp cup located on each blade. Anti-scalp rollers. Adjustable skid on each end of cutting unit.
Cutting unit covers	Steel and plastic covers

**Note:** Specifications subject to change without notice.

## Measurements

Width of cut	
overall	132 in. (335 cm)
front cutting unit	62 in. (157 cm)
side cutting unit	42 in. (107 cm)
front and one side cutting unit	97 in. (246 cm)
Overall width	
cutting units down	136 in. (345 cm)
cutting units up (transports)	72 in. (183 cm)

Overall length	135 in. (342 cm)
Height	55 in. (140 cm)
Height with ROPS	81 in. (206 cm)
Ground clearance	6-1/2 in. (17 cm)
Wheel tread (to center of tire)	
front	45 in. (114 cm)
rear	47 in. (119 cm)
Wheel base	55-1/2 in. (141 cm)
Weight (with cutting units and fluids)	3860 lb. (1751 kg)

## Sound Pressure Level

This unit has an equivalent continuous A-weighted sound pressure level at the operator ear of 89 dBA, based on measurements of identical machines per Directive 98/37/EC and amendments.

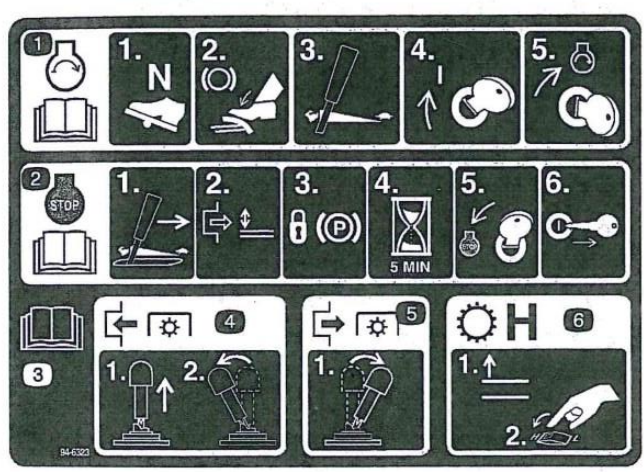
## Sound Power Level

This unit has a guaranteed sound power level of 105 dBA/1 pW, based on measurements of identical machines per Directive 2000/14/EC and amendments.

## Safety and Instruction Decals



Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.



106-6764

1. To start the engine, move the traction pedal to Neutral, press the brake pedal, move the throttle lever to Fast, turn the ignition key to On, and then turn the ignition key to Start; read the *Operators Manual*.
2. To stop the engine, move the throttle lever to slow, disengage the PTO, set the parking brake, wait 5 minutes, turn the ignition key to Stop, and remove the key; read the *Operators Manual*.
3. Read the *Operators Manual*.
4. To engage the PTO, pull up on the PTO switch and move it forward.
5. To disengage the PTO, move the PTO switch back.
6. To switch the transmission to high speed, raise the attachment lift and switch the speed control to High.

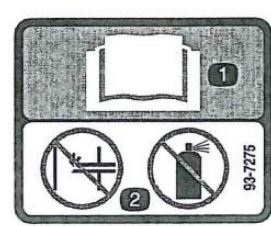
## Vibration Level

### Hand-Arm

This unit does not exceed a vibration level of 2.5 m/s<sup>2</sup> at the hands based on measurements of identical machines per ISO 5349 procedures.

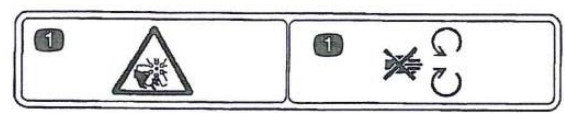
### Whole Body

This unit does not exceed a vibration level of 0.5 m/s<sup>2</sup> at the posterior based on measurements of identical machines per ISO 2631 procedures.



93-7275

1. Read the operator's manual.
2. Do not use starting aids.



93-7272

1. Cutting/dismemberment hazard—stay away from moving parts.



104-4163

1. Explosion hazard
2. No fire, open flames, or smoking.
3. Caustic liquid/chemical burn hazard
4. Wear eye protection
5. Read the *Operator's Manual*.
6. Keep bystanders a safe distance from the battery.

