

The SUPER MINI Z™ Specifications

- Top speed of 13 mph!
- High-capacity hydraulic pumps and wheel motors for reduced pressure and longer system life at high speeds
- Hydraulic oil cooler for increased system life
- Toughest frame, front forks, and deck in the industry
- Best warranty in the business
 - A full two-year bumper-to-bumper warranty - parts and labor!
 - Lifetime warranty on the tractor frame
 - Lifetime warranty on the leading edge of the deck
 - Hydraulic hoses and fittings guaranteed to never leak
 - 3-years on the blade spindle bearings
 - 3-years on the front caster fork bearings
- Wide stance, low center of gravity for excellent stability on slopes
- Simplest maintenance in the industry
- 12.2 gallon fuel capacity - more than a day's worth
- Twin-lever steering with patented automatic park brake system
- Fuel-efficient, Honda, or Kawasaki engines
- 44" or 52" side-discharge/mulching decks
- Optional 9-bushel BAC-VAC™ catcher



Engine Specifications

Model	Kawasaki	Kawasaki	Kawasaki	Honda
Horsepower	19	23	25	24
No. of Cylinders	2	2	2	2
Displacement	41.2 cu in (675 cc)	41.2 cu in (675 cc)	41.2 cu in (675 cc)	40.9 cu in (670 cc)
Compression Ratio	8.1:1	8.1:1	8.1:1	8.3:1
Max. Torque	37.0 ft lbs @ 2400 rpm	39.8 ft lbs @ 2400 rpm	41.0 ft lbs @ 2400 rpm	37.5 ft lbs @ 2500 rpm

Starter 12-volt (.8 kw), solenoid shift positive engagement

Ignition Electronic

Charging System 12-volt, 15-amp

Fuel Unleaded gasoline with octane rating of 87 or higher

Fuel Filter Replaceable, automotive-type

Air Filter Heavy-duty air cleaner to extend the service interval for excessive, dirty applications and improved performance

Cooling Air cooled. Fly-wheel fan

Governor Mechanical

Traction Drive System

Type Dual hydrostatic. Individual pumps power two direct-drive wheel motors. Hydrostatic system operates on 10W40 motor oil.

Transmission drive (oil) cooler for increased system life.

Pumps Two variable displacement, axial-piston type. Each pump powers one drive-wheel motor. Hydro-Gear BDP16

Pump Drive V-belt drive from engine crankshaft

Final Drive Direct-drive high-torque wheel motors. One for each drive wheel. White CE 12

Filter 40 micron, spin-on type

Ground Speed Infinitely variable: Transport 0-13 mph (0-20.92 kph) Mowing 0-10 mph (0-16.09 kph) forward, 0-7 mph (0-11.27 kph) reverse

Steering Twin-lever steering provides independent control of each drive wheel. Speed, forward, reverse, brake, and turns are all controlled with hand-operated controls

Turning Radius True zero degree. Turns within its own length. Counter-rotating, independent drive wheels

BrakesService: Hydrostatic dynamic braking

Parking: Automotive-style drum brakes. When steering levers are placed in neutral position, integral park brakes are automatically engaged

Mower Drive Single V-belt drive from engine with electric clutch. Spring tension idler for extended belt life.

Tires Front: 13 x 5.00 - 6, rib tread **Drive:** 20 x 10.00 - 10, turf tread
Capacities Fuel System 12 US gal (45.4 l)
Hydraulic Oil 2 US gal (7.57 l)
Dimensions Height 40 in (101.6 cm)

W/44 in Deck Length 72 in (182.88 cm)
Overall width 45 in (114.3 cm) with discharge chute up
Tire-to-tire width 44 in (111.76 cm)
Weight 985 lbs (446.79 kg)

W/52 in Deck Length 75 in (190.5 cm)
Overall width 53 in (134.6 cm) with discharge chute up
Tire-to-tire width 44 in (111.76 cm)
Weight 985 lbs (446.79 kg)

Safety Features Operator presence system connected to deck and drive clutches. Stabilizer rollers at rear of tractor
Seat Standard: Molded-vinyl seat with armrests. Fore and aft adjustment **Optional:** Molded-vinyl, suspension seat with armrests.
Fore and aft adjustment
Construction Mainframe is 1.5 in x 2 in x .125 in (3.8 cm x 5.08 cm x .32 cm) rectangular steel tubing
Drive motors mounted to .179 in (.45 cm) welded steel
Front caster wheels mounted with roller bearings on each wheel
Front caster forks are .375 in (.95 cm) steel
Deck Lift Foot-operated deck height adjustment. Pin for setting height, detent for transport position
Controls Hand-operated choke/throttle, ignition switch, electric mower clutch. Integrated parking brakes
Indicators Hour meter, engine warning light
Cup Holder Two cup holders molded into the left side fuel tank. Accommodates nearly any cup size including Big Gulp™

Attachments

44", and 52" side-discharge decks

Type Free-floating mower using three blades with center blade to the front. Mower is suspended at the corners.
Includes deck-mounted rollers to improve flotation in rolling and uneven terrain.

Deck Lift Raise and lower deck from driver's seat with simple foot-operated deck height adjustment. Pin for setting height, transport position. Change cutting heights, hop curbs and trailer more easily.

Construction 125 in (.317 cm) welded steel. Solid 1 in x .375 (2.55 cm x .95 cm) steel bars reinforce impact areas on trim edges.
.187 in x .375 (.47 cm x .95 cm) in box-section reinforced front edge. Reinforcements welded onto spindle mount areas.
Steel deck housing is 4 in (10.16 cm) deep to provide room for high-capacity mowing.

Cutting Heights Foot-operated deck height adjustment. Pin for setting height, detent for transport position.
Height adjustment in .25 in increments from 1 in to 4.5 in (2.55 cm to 11.43 cm).

Mowing Blades Heavy-duty, heat-treated, high-lift steel blade

44 in: 16 in x 2.5 in x .20 in
52 in: 18 in x 2.5 in x .20 in

Blade Tip Speed

44 in: 16,100 fpm
52 in: 18,300 fpm

Blade Drive V-belt drive to all three spindles. Spring tension idler pulleys.

Spindles Machine aluminum housing, 1 in (2.5 cm) diameter high carbon steel shafts and sealed ball bearings.

Flotation Suspended mower floats on four spring-assisted chains. 6 anti-scalp wheels are standard.

Width of Cut

44 in: 44 in (111.76 cm)
52 in: 52 in (132.08 cm)

Trim Capacity (left side)

44 in: .5 in (1.27 cm)
52 in: 6 in (15.24 cm)

Accessories

BAC-VAC™ Catcher Rear-mounted, 9-bushel hopper is dumped from the seat without leaving the machine. Blower is

powered from right-side deck spindle (no pony engine required). Hopper and blower can be added or removed in seconds.

Mulch Kit

Recycles clippings under deck allowing clippings to be cut and recut, then discharged down into the grass. Reduces handling of clippings, improves appearance, and recycles nutrients back to the soil.

Hitch Kit

Optional bolt-on hitch with 7/8-inch hole. Will accept any standard ball.

Specifications subject to change without notice.

