

ENCORE

Z SERIES RIDER

2005 - 2006 BID SPECIFICATIONS

Engine Options

Z42

	17 HP Kawasaki	18 HP Briggs
Engine Model#	FH 541V	Model 31 ELS
Displacement	585 cc (35.6 in ³)	501 cc (30.59 in ³)
Cylinders	Two w/ cast iron cylinder liners	One w/ cast iron cylinder liner
Crankcase Cap.	1.8 U.S. qt (1.7L)	1½ qt. (1.4L)
Bore	2.91 in. (74 mm)	3.56 in. (90.6mm)
Stroke	2.68 in. (68 mm)	3.06 in. (77.78mm)
Speed, Fast	3600 rpm	3600 rpm
Operating Range	3250 - 3600 rpm	3250 - 3600 rpm
Valving	OHV	OHV
Oil Filter	Full Flow Replaceable	Full Flow Replaceable
Lubrication	Full Pressure	Full Pressure
Cooling	Air	Air
Air Cleaner	Heavy Duty KAI System	Two Stage / washable

Z48

	19 HP Kawasaki
Engine Model#	FH601V
Displacement	675 cc (41.2 in ³)
Cylinders	Two w/ cast iron cylinder liners
Crankcase Cap.	1.8 U.S. qt. (1.7 L)
Bore	2.96 in. (75.2 mm)
Stroke	2.99 in (76 mm)
Speed, Fast	3600 rpm
Operating Range	3250 - 3600 rpm
Valving	OHV
Oil Filter	Full Flow Replaceable
Lubrication	Full Pressure
Cooling	Air
Air Cleaner	Heavy Duty KAI System

Z60

	25 HP Kawasaki
Engine Model#	FH721V
Displacement	675 cc (41.2 in ³)
Cylinders	Two w/ cast iron cylinder liners
Crankcase Cap.	1.9 U.S. qt. (1.8 L)
Bore	2.96 in. (75.2 mm)
Stroke	2.99 in (76 mm)
Speed, Fast	3600 rpm
Operating Range	3250 - 3600 rpm
Valving	OHV
Oil Filter	Full Flow Replaceable
Lubrication	Full Pressure
Cooling	Air
Air Cleaner	HD canister style air cleaner

Deck Construction

Deck	#10 ga. (.130) Fabricated w/ fully welded seams
Deck Plate	#7 ga. (.180), placed to assure blade alignment and reduce vibration which maintains even cut
Side Skirts	#10 ga. (.130)
Paint	Powder Coated for extended color and gloss

Deck Features

Deck Sizes	42", 48", & 60"
Overall Width	42" 42 3/8" (52 7/8" w/ deflector chute)
	48" 48 3/4" (59 1/4" w/ deflector chute)
	60" 60 3/4" (70" w/ deflector chute)
Cutting Height	1" - 4 1/2" w/ foot pedal lift for easy changing, height of cut indicator
Pulleys	#7 ga. Split steel w/ double hex hub
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings
Deck Drive	Electric clutch w/ direct belt drive

Blades

Length & # of Blades	42"	14" high lift blades	3 blades	Cut on radius so won't shorten
	48"	16" high lift blades	3 blades	Cut on radius so won't shorten
	60"	20" high lift blades	3 blades	Cut on radius so won't shorten
Blade Tip Speed		19,000 ft. min.		
Blade Width		2.5"		
Blade Thickness		0.203		

Drive

Hydro Pumps	2 - Hydro-Gear pumps, belt driven
Wheel Motors	2 - Parker Torqmotors w/ 1" tapered shaft
Forward Travel Speed	0 - 9 mph in forward and reverse
Oil Type	Synthetic Oil
Reservoir Capacity	3 quart
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable. block steering w/ 'soft' touch dampeners

Tires (Wheels)

Front Casters	11 - 4 X 5, 4-ply w/ full length regreasable roller bearings, 3 pcs., 4" rim w/ replaceable axle tube
Drive Wheels	20 - 10 X 10 pneumatic, 4-ply, optional 21 - 11 X 10, 2-ply knobby tires

Fuel

Fuel Type	Regular Unleaded Gasoline
Fuel Tank Capacity	7 gallons
Fuel Pump	Mechanical

Seat

High back vinly seat w/ armrests and replaceable cushions - standard

Brakes

Dynamic Braking	Twin hand control levers
Park Brake	NEW Positive locking brake system w/ gentle brake activation w/ hand lever

PTO

Type	Electric clutch
Drive	Single belt w/ direct belt drive

Electrical

Charge System	16 amp
Battery Voltage	12 Volt - standard
Cold Cranking Amp	235 cca @ 0 degrees F

42" Dimensions

Weight - Operating	750 lbs
- Shipping	920 lbs
Length	69"
Width	42 3/8" (52 7/8" w/ deflector chute)
Rear Wheel Base (Outside)	39"

48" Dimensions

Weight - Operating	760 lbs
- Shipping	940 lbs
Length	69"
Width	48 3/4" (59 1/4" w/ deflector chute)
Rear Wheel Base (Outside)	42"

60" Dimensions

Weight - Operating	810 lbs
- Shipping	1000 lbs
Length	69"
Width	60 3/4" (70" w/ deflector chute)
Rear Wheel Base (Outside)	48"

Warranty

Blade Spindles	2 Years	90 Day Rental
Hydro Pumps	2 Years	90 Day Rental
Wheel Motors	2 Years	90 Day Rental
Engine	2 Years	90 Day Rental
Encore Materials & Labor	2 Years	90 Day Rental
DECK*	10 Years	90 Day Rental

*The deck is warranted to the original owner only to be free from defects in materials and workmanship of fabricated steel components for a period of ten years from the original date of purchase.

IMPORTANT! SOME SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE!