

ENCORE

WALK BEHINDS

2006 - 2007 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>13 HP Kawasaki</u>	<u>15 HP Kawasaki</u>
Engine	FH381V	FH430V
Model#	FH381V	FH430V
Displacement	431 cc (26.3 in ³)	431 cc (26.3 in ³)
Cylinders	Two w/ cast iron cylinder liners	Two w/ cast iron cylinder liners
Crankcase Cap.	1.8 U.S. qt. (1.7 L)	1.8 U.S. qt. (1.7 L)
Bore	2.56 in. (65 mm)	2.56 in. (65 mm)
Stroke	2.56 in (65 mm)	2.56 in (65 mm)
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	Heavy Duty KAI System

<u>Engine</u>	<u>17 HP Kawasaki</u>
Engine	FH541V
Model#	FH541V
Displacement	585 cc (35.6 in ³)
Cylinders	Two w/ cast iron cylinder liners
Crankcase Cap.	1.8 U.S. qt. (1.7 L)
Bore	2.91 in. (74 mm)
Stroke	2.68 in. (68 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

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	#7 ga. (.180)
Rear Deck	#11 ga. (.120)
Bumper	1 1/4" tubular bumper which adds strength and protection from damage
Paint	Powder Coated for extended color and gloss

Deck Features

Deck Sizes	32", 36", & 48"	
Overall Width	32"	33 1/3", (42 5/6" w/ deflector chute)
	36"	36 1/2", (46" w/ deflector chute)
	48"	49", (58 1/2" w/ deflector chute)
Cutting Height	1" - 4" in 1/4" increments	

Spindles

Pulleys

#7 ga. Split steel w/ double hex hub

Shaft

1" solid splined spindle

Bearings

large sealed precision ball bearings

Housing

Maintenance free, cast aluminum

Grass Chute

Oversized chute on 48" model keeps chute clear in wet conditions

Belt Drive

Transmission

5 - Speed Peerless w/ reverse assist 9 - spline couplers for added wear

Belts

Two "A" section, cogged matched V-belts per wheel

Steering

Pistol grip hand controls for easy fingertip controls activate 6" brake bands for longer wear and easier operation. Operator presence control for safety

Forward Travel Speed

1 to 5 mph

Blades

Length & # of Blades

32"	16" high lift blade	2 Blades	Cut on radius so won't shorten
36"	18" high lift blade	2 Blades	Cut on radius so won't shorten
48"	16" high lift blade	3 Blades	Cut on radius so won't shorten

Blade Tip Speed

19,000 ft. min.

Blade Width

2.5"

Blade Thickness

.203, 1055 heat treated, austempered to R50

Hydro Drive

Hydraulic Pumps

2 - Hydro-Gear Pumps (BDP-10A), belt driven, variable displacement piston pumps w/ high temperature seals

Wheel Motors

Parker Torqmotor, heavy-duty, high efficiency, low speed, high torque, high temperature seals, 1" tapered shaft

Lines & Hoses

Steel lines from pump to motor dissipate heat from main drive circuit, "flare-O" fittings helps maintain leak free system

Linkage

Nylon reinforced rod ends for reduced wear and reduced free travel

Forward Travel Speed

0 - 5.5 mph

Oil Type

15W50 Synthetic Engine Oil resists high running temperatures

Reservoir Capacity

3 quart oil tank with full flow spin on suction filter

Steering

Forward, reverse, turning and stopping are all within a fingers reach on the pistol-grip hand controls

Tires (Wheels)

Front Casters

Double yoke strut gives added life and strength to bearings. Smooth tread 4-ply, 4.10-3.5 X 4 tire with innertube w/ regreasable full length roller bearings and replaceable axle tube

Belt Drive Wheels

13-5.0 X 6, 2-ply, pneumatic on 32", 13-6.5 X 6, 2-ply pneumatic on all other models, bolt on rim pulleys for better serviceability

Hydro Drive Wheel

16-6.6 X 8 turf saver 4-ply tires

Hubs

Heavy-duty steel tapered hub w/ 5 lugs on a 4.5" diameter bolt pattern, 1/2" tapered lug nut bolts

Wide Track Wheel Base

34" center to center wheel base is standard on all 48"

Fuel

Fuel Type

Regular Unleaded Gasoline

Fuel Tank Capacity

6 gallons, polyethylene removable tank

Weight

32" Mower - Complete
36" Mower - Complete
48" Mower - Complete

Belt Drive

432 lbs
453 lbs
512 lbs

Hydro

482 lbs
503 lbs
562 lbs

Console

More User Friendly

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
Peerless Transmission	1 Year	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!

ENCORE

FUZION SERIES

2006 - 2007 BID SPECIFICATIONS

Engine Options	34"		
Engine		<u>15 HP Kawasaki</u>	<u>18 HP Briggs</u>
Model#		FH430V	Model 31
Displacement		431 cc (26.3 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. (1.7 L)	1½ qt. (1.4L)
Bore		2.56 in. (65 mm)	3.56 in. (90.6mm)
Stroke		2.56 in (65 mm)	3.06 in. (77.78mm)
Speed, Fast		3600 rpm	3600
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
Engine Options	42"		
Engine		<u>17 HP Kawasaki</u>	<u>18 HP Briggs</u>
Model#		FH 541V	Model 31
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
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
Engine Options	48"		
Engine		<u>19 HP AC Kawasaki</u>	<u>18 HP Briggs</u>
Model#		FH601V	Model 31
Displacement		675 cc (41.2 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. (1.7 L)	1½ qt. (1.4L)
Bore		2.96 in. (75.2 mm)	3.56 in. (90.6mm)
Stroke		2.99 in (76 mm)	3.06 in. (77.78mm)
Speed, Fast		3600 rpm	3600
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		HD large canister air cleaner	Two Stage / Washable

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	34", 42" & 48"
Overall Width	34" 35" (41 1/2" w/ Deflector Chute) 42" 42 3/8" (52 7/8" w/ deflector chute) 48" 48 3/4" (59 1/4" w/ deflector chute)
Cutting Height	1" - 4 1/2" w/ foot pedal lift for easy changing, height of cut indicator and auto deck lock

Spindles

Pulleys

#7 ga. Split steel w/ double hex hub

Shaft

1" solid splined spindle

Bearings

large sealed precision ball bearings

Housing

Maintenance free, cast aluminum

Blades

Length & # of Blades	34"	14" high lift blade	1 blade	Cut on radius so won't shorten
		20" high lift blade	1 blade	Cut on radius so won't shorten
	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

Cutting Height

1.0" - 4.75" in .25" Increments

Blade Tip Speed

18,500 - 19,000 ft. min.

Blade Width

2.5"

Blade Thickness

0.203

Drive

Hydro Pumps/ Wheel Motors	Sealed hydrostatic drive (EZT Hydro-Gear); 1.0" axle & 7" Fans
Forward Travel Speed	8 mph in forward & 4 mph in reverse
Steering	Zero turning radius, dampened, twin hand control levers, adjustable tracking

Tires (Wheels)

Front Casters	4.10 X 3.50 - 4 Smooth 4ply.
Drive Wheels	34" 18 X 7.50-8 4ply.
	42" 18 X 9.50-8 4ply
	48" 18 X 9.50-8 4ply

Fuel

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

Seat

Michigan - TS2505 Mid Back w/Out Armrest

Brakes

Dynamic Braking Twin hand control levers
Park Brake Positive locking brake system

PTO

Type Warner Mag-Stop 125 ft/lbs
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

34" Dimensions

Weight -Shipping 720 lbs.
Weight -Operating 550 lbs.
Length 73"
Width 35" (47" w/ deflector chute)
Rear Wheel Base (Outside) 33.5"

42" Dimensions

Weight -Shipping 750 lbs.
Weight -Operating 590 lbs.
Length 73"
Width 43" (45" w/ deflector chute)
Rear Wheel Base (Outside) 38"

48" Dimensions

Weight -Shipping 770 lbs
Weight -Operating 610 lbs.
Length 73"
Width 49" (61" w/ deflector chute)
Rear Wheel Base (Outside) 38"

Warranty

	<u>Consumer</u>	<u>Commercial</u>
Blade Spindles	3 Years	1 Year
Hydro Drive	3 Years	1 Year
Engine	Per Engine Mfg	Per Engine Mfg
Encore Materials & Labor	3 Years	1 Year
DECK*	10 Years	10 Years

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ENCORE Z34 RIDER

2006 - 2007 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>15 HP Kawasaki</u>	<u>18 HP Briggs</u>
Engine	FH430V	Model 31
Model#	431 cc (26.3 in ³)	501 cc (30.59 in ³)
Displacement	Two w/ cast iron cylinder liners	One w/ cast iron cylinder liner
Cylinders	1.8 U.S. qt. (1.7 L)	1½ qt. (1.4L)
Crankcase Cap.	2.56 in. (65 mm)	3.56 in. (90.6mm)
Bore	2.56 in (65 mm)	3.06 in. (77.78mm)
Stroke	3600 rpm	3600
Speed, Fast	3250 - 3600 rpm	3250 - 3600 rpm
Operating Range	OHV	OHV
Valving	Full Flow Replaceable	Full Flow Replaceable
Oil Filter	Full Pressure	Full Pressure
Lubrication	Air	Air
Cooling	Heavy Duty KAI System	Two Stage / Washable
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	34"
Overall Width	35" (41 1/2" w/ Deflector Chute)
Cutting Height	1" - 4" w/ foot pedal lift
Spindles	
<i>Pulleys</i>	#7 ga. Split steel w/ double hex hub
<i>Shaft</i>	1" solid splined spindle
<i>Bearings</i>	large sealed precision ball bearings
<i>Housing</i>	Maintenance free, cast aluminum
Deck Drive	Electric clutch w/ direct belt drive

Blades

Length & # of Blades	14" high lift blade	1 blade	Cut on radius so won't shorten
	20" high lift blade	1 blade	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/ Wheel Motors	Sealed hydrostatic drive (IZT Hydro-Gear)
Forward Travel Speed	7.5 - 8 mph in forward and reverse
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable.

Tires (Wheels)

Front Casters	4.1 - 3.5 X 4, 4-ply w/ full length regreasable roller bearings
Drive Wheels	18 X 7.5 - 8 NHS, 4-ply
Fuel	

Fuel Type	Regular Unleaded Gasoline
Fuel Tank Capacity	3.5 gallons
Fuel Pump	Mechanical

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

Dynamic Braking	Twin hand control levers
Park Brake	Disc brake activated 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

34" Dimensions

Weight - Operating	600 lbs
- Shipping	750 lbs
Length	66"
Width	35" (41 1/2" w/ Deflector Chute)
Rear Wheel Base (Outside)	33 1/4"

Warranty

Blade Spindles	2 Years	90 Day Rental
Hydro Pumps/ 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

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ENCORE

Z42 SERIES RIDER

2006 - 2007 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

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

Length & # of Blades	14" 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"

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

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ENCORE

X-TREME SERIES

2006 - 2007 BID SPECIFICATIONS

Engine Options	48"		
Engine		<u>19 HP AC Kawasaki</u>	<u>20 HP AC Briggs</u>
Model#		FH601V	Model 44
Displacement		675 cc (41.2 in ³)	725 cc (44.2 in ³)
Cylinders		Two w/ cast iron cylinder liners	Two cast iron lined
Crankcase Cap.		1.8 U.S. qt. (1.7 L)	1.875 qt (1.9 L)
Bore		2.96 in. (75.2 mm)	3.12 in. (79.25mm)
Stroke		2.99 in (76 mm)	2.89 in. (73.4mm)
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		HD large canister air cleaner	Two Stage washable
Engine Options	52"		
Engine		<u>23 HP AC Kawasaki</u>	<u>25 HP AC Briggs ELS</u>
Model#		FH680V	Model 44
Displacement		675 cc (41.2 in ³)	725 cc (44.2 in ³)
Cylinders		Two w/ cast iron cylinder liners	Two cast iron lined
Crankcase Cap.		1.9 U.S. qt. (1.8 L)	1.875 qt (1.9 L)
Bore		2.96 in. (75.2 mm)	3.12 in. (79.25mm)
Stroke		2.99 in (76 mm)	2.89 in. (73.4mm)
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		HD large canister air cleaner	Two Stage washable
Engine Options	60"		
Engine		<u>25 HP AC Kawasaki</u>	<u>25 HP AC Briggs ELS</u>
Model#		FH721V	Model 44
Displacement		675 cc (41.2 in ³)	725 cc (44.2 in ³)
Cylinders		Two w/ cast iron cylinder liners	Two cast iron lined
Crankcase Cap.		1.9 U.S. qt. (1.8 L)	1.875 qt (1.9 L)
Bore		2.96 in. (75.2 mm)	3.12 in. (79.25mm)
Stroke		2.99 in (76 mm)	2.89 in. (73.4mm)
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		HD large canister air cleaner	Two Stage washable

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	48", 52" & 60"
Overall Width	48" 48 1/4" (58 1/4" w/ deflector chute) 52" 54 1/4" (64 1/4" w/ deflector chute) 60" 60 3/4" (70 3/4" w/ deflector chute)
Cutting Height	1" - 4 1/2" w/ foot pedal lift for easy changing, height of cut indicator and auto deck lock

Spindles

Pulleys	#7 ga. Split steel w/ double hex hub
Shaft	1" solid splined spindle
Bearings	large sealed precision ball bearings
Housing	Maintenance free, cast aluminum

Blades

Length & # of Blades	48" 16" high lift blades 3 blades Cut on radius so won't shorten	52" 18" 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
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Blade Tip Speed	19,000 ft. min.
Blade Width	2.5"
Blade Thickness	0.203

Drive

Hydro Pumps	2 - Parker pumps, belt driven w/ pressure relief valve
Wheel Motors	2 - Parker Torqmotors w/ 1 1/4" tapered shaft
Forward Travel Speed	0 - 10 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	13 - 5.00, 4-ply smooth pneumatic tires w/ 3/4" tapered greasable ball bearings w/ replaceable axle tube
Drive Wheels	23 - 9.5 X 12 pneumatic 4-ply turf tire

Fuel

Fuel Type	Regular Unleaded Gasoline
Fuel Tank Capacity	11 gallons
Fuel Pump	Mechanical

Seat	High back vinyl seat w/ armrests and replaceable cushions - standard
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Brakes

Dynamic Braking Twin hand control levers
Park Brake NEW Positive locking drum-style shoe brake w/ gentle brake activation w/ hand lever

PTO

Type Electric clutch; Warner - 200 ft. lb.
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

48" Dimensions

Weight - Operating 900 lbs
- Shipping 1050 lbs.
Length 72"
Width 48 1/4" (58 1/4" w/ deflector chute)
Rear Wheel Base (Outside) 46"

52" Dimensions

Weight - Operating 940
- Shipping 1000 lbs
Length 72"
Width 54 1/4" (64 1/4" w/ deflector chute)
Rear Wheel Base (Outside) 48 1/2" (front wheel 38" center to center)

60" Dimensions

Weight - Operating 1000 lbs.
- Shipping 1150 lbs.
Length 72"
Width 60 3/4" (70 3/4" w/ deflector chute)
Rear Wheel Base (Outside) 48 1/2" (front wheel 38" center to center)

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

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ENCORE

GASOLINE PROWLER - MC

2006 - 2007 BID SPECIFICATIONS

MODELS: 61K27L, 61K28A, 61VG31A, 72K27L, 72K28A, & 72VG31A

Engine Options

<u>Engine</u>	<u>27 HP Liquid Cooled Kawasaki</u>	<u>28 HP Air Cooled Kawasaki</u>
Engine Model#	FD750D	FH770D
Displacement	745 cc (45.5 in ³)	764 cc (46.6 in ³)
Cylinders	Two w/ cast iron cylinder liners	Two w/ cast iron cylinder liners
Crankcase Cap.	2.1 U.S. qt. (2.0 L)	2 US qt. (1.9 L)
Bore	3.07 in. (78 mm)	3.15 in. (80mm)
Stroke	3.07 in. (78 mm)	2.99 in. (76mm)
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	Liquid	Air
Air Cleaner	Heavy Duty, Large 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	#7 ga. (.180) w/ reinforced 3/8" wear strip
Paint	Powder Coated for extended color and gloss

Deck Features

Deck Sizes	61", & 72"		
Overall Width	61"	62 1/2" (73" w/ deflector chute)	
	72"	73 1/2" (84" w/ deflector chute)	
Cutting Height	1" - 5" w/ foot pedal lift for easy changing, height of cut indicator and auto deck lock		
Spindles			
Pulleys	#7 ga. Split steel w/ double hex hub		
Shaft	1" solid splined spindle		
Bearings	large sealed precision ball bearings		
Housing	Maintenance free, cast aluminum		
Blades			
Length & # of Blades	61"	21" high lift blades	3 blades
	72"	25" high lift blades	3 blades
Blade Tip Speed	19,000 ft. min.		
Blade Width	2.5"		
Blade Thickness	0.203		

Drive

Hydro Pumps	2 - Hydro-gear pumps, belt driven (BDP-10A) w/ Shock Valve Relief
Wheel Motors	2 - Parker Torqmotors w/ 1 1/4" tapered shaft
Forward Travel Speed	0 - 10 mph in forward and reverse
Oil Type	Standard 20W50 Engine Oil
Reservoir Capacity	2 1/2 Gallon
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable, block steering w/ 'soft' touch dampeners

Tires (Wheels)

Front Casters	13 -6.5, 4-ply smooth pneumatic tires w/ 1" tapered greasable ball bearings w/ replaceable axle tube
Drive Wheels	23 - 9.5 X 12 pneumatic 4-ply turf tire

Fuel

Fuel Type	Regular Unleaded Gasoline/Diesel
Fuel Tank Capacity	11 gallons
Fuel Pump	electric/mechanical, & injection on diesel

Seat	High back vinly seat w/ armrests and replaceable cushions and Milsco full suspension seat available
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Brakes

Dynamic Braking	Twin hand control levers
Park Brake	Hand lever, disc brakes

PTO

Type	Electric clutch
Drive	Single belt to 1" splined U-Joint Shaft to gear box

Electrical

Charge System	16 amp (Kawasaki AC), 20 amp (Kawasaki LC), 40 amp (Diahatsu), 20 amp (Generac)
Battery Voltage	12 Volt - standard
Cold Cranking Amp	235 cca @ 0 degrees F (Kawasaki), 540 cca @ 0 degrees (Diahatsu)

Status Indicators

Gas AC	Oil pressure light w/ audible alarm, running hour meter
Gas LC	Oil pressure light, coolant temperature light w/ audible alarm, charge light, & running hour meter
Diesel LC	Oil pressure light, coolant temperature light w/ audible alarm, charge light, glow plug light, fuel filter light, & running hour meter

61" Dimensions

Weight - Operating	1210 lbs
- Shipping	1470 lbs
Length	82"
Width	62 1/2" (73" w/ deflector chute)
Rear Wheel Base (Outside)	57" (front wheel 46" center to center)

72" Dimensions

Weight - Operating	1300 lbs
- Shipping	1660 lbs
Length	85"
Width	73 1/2" (84" w/ deflector chute)
Rear Wheel Base (Outside)	63" (front wheel 55 1/2" center to center)

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!

ENCORE

DIESEL MOUNTAIN LION - MC

2006 - 2007 BID SPECIFICATIONS

MODELS: 61B27LDML & 72B27LDML

Engine Options

	DIESEL
Engine	<u>27 HP Liquid Cooled BS & D</u>
Model#	582447
Displacement	953 cc (58.1in ³)
Cylinders	Three
Crankcase Cap.	3.5 U.S. qt. (3.3 L)
Bore	2.83 in. (72 mm)
Stroke	3.07 in. (78 mm)
Speed, Fast	3600 rpm
Operating Range	2800 - 3600 rpm
Valving	OHV
Oil Filter	Full Flow, Replaceable
Lubrication	Full Pressure
Cooling	Liquid
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner
Starting Aids	Glow Plugs w/ timer

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	#7 ga. (.180) w/ reinforced 3/8" wear strip
Paint	Powder Coated for extended color and gloss

Deck Features

Deck Sizes	61", & 72"
Overall Width	61" 62 1/2" (73" w/ deflector chute) 72" 73 1/2" (84" w/ deflector chute)
Cutting Height	1" - 5" w/ foot pedal lift for easy changing, height of cut indicator and auto deck lock
Spindles	
<i>Pulleys</i>	#7 ga. Split steel w/ double hex hub
<i>Shaft</i>	1" solid splined spindle
<i>Bearings</i>	large sealed precision ball bearings
<i>Housing</i>	Maintenance free, cast aluminum
Blades	

Length & # of Blades	61" 21" high lift blades	3 blades	Cut on radius so won't shorten
	72" 25" 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 - Parker pumps, belt driven (14cc) w/ Shock Valve Relief
Wheel Motors	2 - Parker Torqmotors w/ 1 1/4" tapered shaft
Forward Travel Speed	0 - 10 mph in forward and reverse
Oil Type	Synthetic 15W50 Engine Oil
Reservoir Capacity	2 1/2 Gallon
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable, block steering w/ 'soft' touch dampeners

Tires (Wheels)

Front Casters 13 -6.5, 4-ply smooth pneumatic tires w/ 1" tapered greasable ball bearings w/ replaceable axle tube
Drive Wheels 23 - 9.5 X 12 pneumatic 4-ply turf tire

Fuel

Fuel Type Regular Unleaded Gasoline/Diesel
Fuel Tank Capacity 11 gallons
Fuel Pump electric/mechanical, & injection on diesel

Seat High back vinly seat w/ armrests and replaceable cushions and Milsco full suspension seat available

Brakes

Dynamic Braking Twin hand control levers
Park Brake Hand lever, disc brakes

PTO

Type Electric clutch
Drive Single belt to 1" splined U-Joint Shaft to gear box

Electrical

Charge System 40 amp (Diahatsu),
Battery Voltage 12 Volt - standard
Cold Cranking Amp 540 cca @ 0 degrees (Diahatsu)

Status Indicators

Diesel LC Oil pressure light, coolant temperature light w/ audible alarm, charge light, glow plug light, fuel filter light, & running hour meter

61" Dimensions

Weight - Operating 1210 lbs
- Shipping 1470 lbs
Length 82"
Width 62 1/2" (73" w/ deflector chute)
Rear Wheel Base (Outside) 63" (front wheel 46" center to center)

72" Dimensions

Weight - Operating 1300 lbs
- Shipping 1660 lbs
Length 85"
Width 73 1/2" (84" w/ deflector chute)
Rear Wheel Base (Outside) 63" (front wheel 55 1/2" center to center)

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

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ENCORE

PROWLER - FC

2006 - 2007 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>27 HP Liquid Cooled Kawasaki</u>	<u>28 HP Air Cooled Kawasaki</u>
Model#	FD750D	FH770D
Displacement	745 cc (45.5 in ³)	764 cc (46.6 in ³)
Cylinders	Two w/ cast iron cylinder liners	Two w/ cast iron cylinder liners
Crankcase Cap.	2.1 U.S. qt. (2.0 L)	2 US qt. (1.9 L)
Bore	3.07 in. (78 mm)	3.15 in. (80mm)
Stroke	3.07 in. (78 mm)	2.99 in. (76mm)
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	Liquid	Air
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner	

DIESEL

<u>Engine</u>	<u>27 HP Liquid Cooled BS &D</u>
Model#	582447
Displacement	953 cc (58.1in ³)
Cylinders	Three
Crankcase Cap.	3.5 U.S. qt. (3.3 L)
Bore	2.83 in. (72 mm)
Stroke	3.07 in. (78 mm)
Speed, Fast	3600 rpm
Operating Range	2800 - 3600 rpm
Valving	OHV
Oil Filter	Full Flow, Replaceable
Lubrication	Full Pressure
Cooling	Liquid
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner
Startin Aids	Gow Plugs w/ timer

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	#7 ga. (.180) w/ reinforced 3/8" wear strip
Paint	Powder Coated for extended color and gloss

Deck Features

Flip-Up Deck	90 degree flip-up for easy servicing - standard		
Deck Sizes	52", 61", & 72"		
Overall Width	52"	53 1/2" (64" w/ deflector chute)	28 hp Kawasaki is th only option All engines are available All engines are available
	61"	62 1/2" (73" w/ deflector chute)	
	72"	73 1/2" (84" w/ deflector chute)	
Cutting Height	1" - 5" w/ hand lever height adjustment		
Spindles			
Pulleys	#7 ga. Split steel w/ double hex hub		
Shaft	1" solid splined spindle		
Bearings	large sealed precision ball bearings		
Housing	Maintenance free, cast aluminum		
Blades			

Length & # of Blades	52"	18" high lift blades	3 blades	Cut on radius so won't shorten
	61"	21" high lift blades	3 blades	
	72"	25" high lift blades	3 blades	
Blade Tip Speed	19,000 ft. min.			
Blade Width	2.5"			
Blade Thickness	0.203			

Drive

Hydro Pumps	2 - Hydro-gear pumps, belt driven (BDP-10A)
Wheel Motors	2 - Parker Torqmotors w/ 1" tapered shaft
Forward Travel Speed	0 - 8.5 mph in forward and reverse
Oil Type	Standard 20W50 Engine Oil
Reservoir Capacity	2 1/2 Gallon
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable, block steering w/ 'soft' touch dampeners

Tires (Wheels)

Front Casters	11 -6.5, 4-ply pneumatic tires w/ full length regreasable ball bearings and w/ replaceable axle tube, 3 pcs., 4" rim
Drive Wheels	20 - 10 X 10 pneumatic 4-ply turf tire, bar lug tire options
Tail Wheel - Single	13-6.5 X 6, 4-ply w/ 1"ball replacement
Tail Wheel - Dual	13-5.0 X 6, 4-ply w/ 3/4" ball replacement

Fuel

Fuel Type	Regular Unleaded Gasoline/Diesel
Fuel Tank Capacity	6 gallons
Fuel Pump	electric/mechanical, & injection on diesel

Seat

High back vinly seat w/ armrests and replaceable cushions and Miisco full suspension seat available

Brakes

Dynamic Braking	Twin hand control levers
Park Brake	NEW Positibe locking drum-style shoe brake w/ gentle brake activation w/ hand lever

PTO

Type	Electric clutch
Drive	Single belt to 1" splined U-Joint Shaft to gear box

Electrical

Charge System	16 amp (Kawasaki AC), 20 amp (Kawasaki LC), 40 amp (Diahatsu), 20 amp (Generac)
Battery Voltage	12 Volt - standard
Cold Cranking Amp	235 cca @ 0 degrees F (Kawasaki), 540 cca @ 0 degrees (Diahatsu)

Status Indicators

Gas AC	Oil pressure light w/ audible alarm, running hour meter
Gas LC	Oil pressure light, coolant temperature light w/ audible alarm, charge light, & running hour meter
Diesel LC	Oil pressure light, coolant temperature light w/ audible alarm, charge light, glow plug light, fuel filter light, & running hour meter

52" Dimensions

Weight - Operating	1005 - 1037 lbs
- Shipping	1262 - 1292 lbs
Length	104"
Width	53 1/2" (64" w/ deflector chute)

61" Dimensions

Weight - Operating	1042 - 1074 lbs
- Shipping	1299 - 1329 lbs
Length	104"
Width	62 1/2" (73" w/ deflector chute)

72" Dimensions

Weight - Operating	1200 - 1230 lbs
- Shipping	1450 - 1480 lbs
Length	108"
Width	73 1/2" (84" w/ deflector chute)

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

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