

ENCORE

WALK BEHINDS

2005 - 2006 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>13 HP Kawasaki</u>	<u>15 HP Kawasaki</u>
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

Engine

<u>Engine</u>	<u>17 HP Kawasaki</u>
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	
Pulleys	#7 ga. Split steel w/ double hex hub	
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings	
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 Hubs 16-6.6 X 8 turf saver 4-ply tires
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

	<u>Belt Drive</u>	<u>Hydro</u>
32" Mower - Complete	432 lbs	482 lbs
36" Mower - Complete	453 lbs	503 lbs
48" Mower - Complete	512 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

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ENCORE

Z34 RIDER

2005 - 2006 BID SPECIFICATIONS

Engine Options

	<u>15 HP Kawasaki</u>	<u>18 HP Briggs</u>
Engine	FH430V	Model 31
Model#		
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

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
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	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
Blade Tip Speed	19,000 ft. min.			
Blade Width	2.5"			
Blade Thickness	0.203			

Drive

Hydro Pumps/ Wheel Motors	Sealed hydrostatice 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

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

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

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ENCORE

X-TREME SERIES

2005 - 2006 BID SPECIFICATIONS

<u>Engine Options</u>	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
<u>Engine Options</u>	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
<u>Engine Options</u>	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
Pulleys	#7 ga. Split steel w/ double hex hub
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings

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
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

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)

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 - MC

2005 - 2006 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>25 HP Air Cooled Kawasaki</u>	<u>27 HP Liquid Cooled Kawasaki</u>
Model#	FH721D	FD750D
Displacement	675 cc (41.2 in ³)	745 cc (45.5 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)	2.1 U.S. qt. (2.0 L)
Bore	2.96 in. (75.2 mm)	3.07 in. (78 mm)
Stroke	2.99 in. (76 mm)	3.07 in. (78 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	Liquid
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner	

DIESEL

<u>Engine</u>	<u>27 HP Liquid Cooled BS & D</u>	<u>28 HP Air Cooled Kawasaki</u>
Model#	582447	FH770D
Displacement	953 cc (58.1 in ³)	764 cc (46.6 in ³)
Cylinders	Three	Two w/ cast iron cylinder liners
Crankcase Cap.	3.5 U.S. qt. (3.3 L)	2 US qt. (1.9 L)
Bore	2.83 in. (72 mm)	3.15 in. (80mm)
Stroke	3.07 in. (78 mm)	2.99 in. (76mm)
Speed, Fast	3600 rpm	3600 rpm
Operating Range	2800 - 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	
Startin Aids	Gow Plugs w/ timer	

<u>Engine</u>	<u>33 HP Air Cooled Generac</u>
Model#	GT990
Displacement	675 cc (60.53 in ³)
Cylinders	Two
Crankcase Cap.	1.43 U.S. qt (1.35 L)
Bore	3.54 in. (90 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	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
Pulleys	#7 ga. Split steel w/ double hex hub
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings

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 - 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

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

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ENCORE

PROWLER - MOUNTAIN LION

2005 - 2006 BID SPECIFICATIONS

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		
Pulleys	#7 ga. Split steel w/ double hex hub		
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings		

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
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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

*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

PROWLER - FC

2005 - 2006 BID SPECIFICATIONS

Engine Options

<u>Engine</u>	<u>25 HP Air Cooled Kawasaki</u>	<u>27 HP Liquid Cooled Kawasaki</u>
Model#	FH721D	FD750D
Displacement	675 cc (41.2 in ³)	745 cc (45.5 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)	2.1 U.S. qt. (2.0 L)
Bore	2.96 in. (75.2 mm)	3.07 in. (78 mm)
Stroke	2.99 in. (76 mm)	3.07 in. (78 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	Liquid
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner	

DIESEL

<u>Engine</u>	<u>27 HP Liquid Cooled BS & D</u>	<u>28 HP Air Cooled Kawasaki</u>
Model#	582447	FH770D
Displacement	953 cc (58.1 in ³)	764 cc (46.6 in ³)
Cylinders	Three	Two w/ cast iron cylinder liners
Crankcase Cap.	3.5 U.S. qt. (3.3 L)	2 US qt. (1.9 L)
Bore	2.83 in. (72 mm)	3.15 in. (80mm)
Stroke	3.07 in. (78 mm)	2.99 in. (76mm)
Speed, Fast	3600 rpm	3600 rpm
Operating Range	2800 - 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	
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)
	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
Pulleys	#7 ga. Split steel w/ double hex hub
Spindles	Maintenance free, cast aluminum, large sealed precision ball bearings

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 Milsco 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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