

# 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>
Engine	FH721D	FD750D
Model#	FH721D	FD750D
Displacement	675 cc (41.2 in <sup>3</sup> )	745 cc (45.5 in <sup>3</sup> )
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 &amp; D</u>	<u>28 HP Air Cooled Kawasaki</u>
Engine	582447	FH770D
Model#	582447	FH770D
Displacement	953 cc (58.1 in <sup>3</sup> )	764 cc (46.6 in <sup>3</sup> )
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

<b>Length &amp; # of Blades</b>	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	
<b>Blade Tip Speed</b>		19,000 ft. min.		
<b>Blade Width</b>		2.5"		
<b>Blade Thickness</b>		0.203		

## Drive

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

## Tires (Wheels)

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

## Fuel

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

## Seat

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

## Brakes

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

## PTO

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

## Electrical

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

## Status Indicators

<b>Gas AC</b>	Oil pressure light w/ audible alarm, running hour meter
<b>Gas LC</b>	Oil pressure light, coolant temperature light w/ audible alarm, charge light, & running hour meter
<b>Diesel LC</b>	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**

<b>Blade Spindles</b>	<b>2 Years</b>	<b>90 Day Rental</b>
<b>Hydro Pumps</b>	<b>2 Years</b>	<b>90 Day Rental</b>
<b>Wheel Motors</b>	<b>2 Years</b>	<b>90 Day Rental</b>
<b>Engine</b>	<b>2 Years</b>	<b>90 Day Rental</b>
<b>Encore Materials &amp; Labor</b>	<b>2 Years</b>	<b>90 Day Rental</b>
<b>DECK*</b>	<b>10 Years</b>	<b>90 Day Rental</b>

\*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!**