

# 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 <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>
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	

<u>Engine</u>	<u>33 HP Air Cooled Generac</u>
Model#	GT990
Displacement	675 cc (60.53 in <sup>3</sup> )
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

<b>Deck</b>	#10 ga. (.130) Fabricated w/ fully welded seams
<b>Deck Plate</b>	#7 ga. (.180), placed to assure blade alignment and reduce vibration which maintains even cut
<b>Side Skirts</b>	#7 ga. (.180) w/ reinforced 3/8" wear strip
<b>Paint</b>	Powder Coated for extended color and gloss

## Deck Features

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

## Blades

<b>Length &amp; # of Blades</b>	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
<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) w/ Shock Valve Relief
<b>Wheel Motors</b>	2 - Parker Torqmotors w/ 1 1/4" tapered shaft
<b>Forward Travel Speed</b>	0 - 10 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>	13 -6.5, 4-ply smooth pneumatic tires w/ 1" tapered greasable ball bearings w/ replaceable axle tube
<b>Drive Wheels</b>	23 - 9.5 X 12 pneumatic 4-ply turf tire

## Fuel

<b>Fuel Type</b>	Regular Unleaded Gasoline/Diesel
<b>Fuel Tank Capacity</b>	11 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>	Hand lever, disc brakes

## PTO

**Type Drive** Electric clutch  
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

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