

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
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 Drive Electric clutch; Warner - 200 ft. lb.
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

*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!