

# ENCORE

## FUZION SERIES

### 2006 - 2007 BID SPECIFICATIONS

<b>Engine Options</b>	<b>34"</b>		
<b>Engine</b>		<b><u>15 HP Kawasaki</u></b>	<b><u>18 HP Briggs</u></b>
<b>Model#</b>		FH430V	Model 31
<b>Displacement</b>		431 cc (26.3 in <sup>3</sup> )	501 cc (30.59 in <sup>3</sup> )
<b>Cylinders</b>		Two w/ cast iron cylinder liners	One w/ cast iron cylinder liner
<b>Crankcase Cap.</b>		1.8 U.S. qt. (1.7 L)	1½ qt. (1.4L)
<b>Bore</b>		2.56 in. (65 mm)	3.56 in. (90.6mm)
<b>Stroke</b>		2.56 in (65 mm)	3.06 in. (77.78mm)
<b>Speed, Fast</b>		3600 rpm	3600
<b>Operating Range</b>		3250 - 3600 rpm	3250 - 3600 rpm
<b>Valving</b>		OHV	OHV
<b>Oil Filter</b>		Full Flow Replaceable	Full Flow Replaceable
<b>Lubrication</b>		Full Pressure	Full Pressure
<b>Cooling</b>		Air	Air
<b>Air Cleaner</b>		Heavy Duty KAI System	Two Stage / Washable
<b>Engine Options</b>	<b>42"</b>		
<b>Engine</b>		<b><u>17 HP Kawasaki</u></b>	<b><u>18 HP Briggs</u></b>
<b>Model#</b>		FH 541V	Model 31
<b>Displacement</b>		585 cc (35.6 in <sup>3</sup> )	501 cc (30.59 in <sup>3</sup> )
<b>Cylinders</b>		Two w/ cast iron cylinder liners	One w/ cast iron cylinder liner
<b>Crankcase Cap.</b>		1.8 U.S. qt (1.7L)	1½ qt. (1.4L)
<b>Bore</b>		2.91 in. (74 mm)	3.56 in. (90.6mm)
<b>Stroke</b>		2.68 in. (68 mm)	3.06 in. (77.78mm)
<b>Speed, Fast</b>		3600 rpm	3600
<b>Operating Range</b>		3250 - 3600 rpm	3250 - 3600 rpm
<b>Valving</b>		OHV	OHV
<b>Oil Filter</b>		Full Flow Replaceable	Full Flow Replaceable
<b>Lubrication</b>		Full Pressure	Full Pressure
<b>Cooling</b>		Air	Air
<b>Air Cleaner</b>		Heavy Duty KAI System	Two Stage / Washable
<b>Engine Options</b>	<b>48"</b>		
<b>Engine</b>		<b><u>19 HP AC Kawasaki</u></b>	<b><u>18 HP Briggs</u></b>
<b>Model#</b>		FH601V	Model 31
<b>Displacement</b>		675 cc (41.2 in <sup>3</sup> )	501 cc (30.59 in <sup>3</sup> )
<b>Cylinders</b>		Two w/ cast iron cylinder liners	One w/ cast iron cylinder liner
<b>Crankcase Cap.</b>		1.8 U.S. qt. (1.7 L)	1½ qt. (1.4L)
<b>Bore</b>		2.96 in. (75.2 mm)	3.56 in. (90.6mm)
<b>Stroke</b>		2.99 in (76 mm)	3.06 in. (77.78mm)
<b>Speed, Fast</b>		3600 rpm	3600
<b>Operating Range</b>		3250 - 3600 rpm	3250 - 3600 rpm
<b>Valving</b>		OHV	OHV
<b>Oil Filter</b>		Full Flow Replaceable	Full Flow Replaceable
<b>Lubrication</b>		Full Pressure	Full Pressure
<b>Cooling</b>		Air	Air
<b>Air Cleaner</b>		HD large canister air cleaner	Two Stage / Washable

## 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>	#10 ga. (.130)
<b>Paint</b>	Powder Coated for extended color and gloss

## Deck Features

<b>Deck Sizes</b>	34", 42" & 48"
<b>Overall Width</b>	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)
<b>Cutting Height</b>	1" - 4 1/2" w/ foot pedal lift for easy changing, height of cut indicator and auto deck lock

## **Spindles**

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

## Blades

<b>Length &amp; # of Blades</b>	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

<b>Cutting Height</b>	<i>1.0" - 4.75" in .25" Increments</i>
<b>Blade Tip Speed</b>	18,500 - 19,000 ft. min.
<b>Blade Width</b>	2.5"
<b>Blade Thickness</b>	0.203

## Drive

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

## Tires (Wheels)

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

## Fuel

<b>Fuel Type</b>	Regular Unleaded Gasoline
<b>Fuel Tank Capacity</b>	7 gallons
<b>Fuel Pump</b>	Mechanical

## Seat

*Michigan - TS2505 Mid Back w/Out Armrest*

## Brakes

<b>Dynamic Braking</b>	Twin hand control levers
<b>Park Brake</b>	Positive locking brake system

## PTO

<b>Type</b>	<i>Warner Mag-Stop 125 ft/lbs</i>
<b>Drive</b>	Single belt w/ direct belt drive

## Electrical

<b>Charge System</b>	16 amp
<b>Battery Voltage</b>	12 Volt - standard
<b>Cold Cranking Amp</b>	235 cca @ 0 degrees F

## 34" Dimensions

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

## 42" Dimensions

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

## 48" Dimensions

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

## Warranty

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

