

# ENCORE

## WALK BEHINDS

### 2006 - 2007 BID SPECIFICATIONS

#### Engine Options

<u>Engine</u>	<u>13 HP Kawasaki</u>	<u>15 HP Kawasaki</u>
<b>Engine</b>	FH381V	FH430V
<b>Model#</b>	FH381V	FH430V
<b>Displacement</b>	431 cc (26.3 in <sup>3</sup> )	431 cc (26.3 in <sup>3</sup> )
<b>Cylinders</b>	Two w/ cast iron cylinder liners	Two w/ cast iron cylinder liners
<b>Crankcase Cap.</b>	1.8 U.S. qt. (1.7 L)	1.8 U.S. qt. (1.7 L)
<b>Bore</b>	2.56 in. (65 mm)	2.56 in. (65 mm)
<b>Stroke</b>	2.56 in (65 mm)	2.56 in (65 mm)
<b>Speed, Fast</b>	3600 rpm	3600 rpm
<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	Heavy Duty KAI System

<u>Engine</u>	<u>17 HP Kawasaki</u>
<b>Engine</b>	FH541V
<b>Model#</b>	FH541V
<b>Displacement</b>	585 cc (35.6 in <sup>3</sup> )
<b>Cylinders</b>	Two w/ cast iron cylinder liners
<b>Crankcase Cap.</b>	1.8 U.S. qt. (1.7 L)
<b>Bore</b>	2.91 in. (74 mm)
<b>Stroke</b>	2.68 in. (68 mm)
<b>Speed, Fast</b>	3600 rpm
<b>Operating Range</b>	3250 - 3600 rpm
<b>Valving</b>	OHV
<b>Oil Filter</b>	Full Flow Replaceable
<b>Lubrication</b>	Full Pressure
<b>Cooling</b>	Air
<b>Air Cleaner</b>	Heavy Duty KAI System

#### 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)
<b>Rear Deck</b>	#11 ga. (.120)
<b>Bumper</b>	1 1/4" tubular bumper which adds strength and protection from damage
<b>Paint</b>	Powder Coated for extended color and gloss

#### Deck Features

<b>Deck Sizes</b>	32", 36", & 48"	
<b>Overall Width</b>	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)
<b>Cutting Height</b>	1" - 4" in 1/4" increments	
<b>Pulleys</b>	#7 ga. Split steel w/ double hex hub	
<b>Spindles</b>	Maintenance free, cast aluminum, large sealed precision ball bearings	
<b>Grass Chute</b>	Oversized chute on 48" model keeps chute clear in wet conditions	

## Belt Drive

<b>Transmission</b>	5 - Speed Peerless w/ reverse assist 9 - spline couplers for added wear
<b>Belts</b>	Two "A" section, cogged matched V-belts per wheel
<b>Steering</b>	Pistol grip hand controls for easy fingertip controls activate 6" brake bands for longer wear and easier operation. Operator presence control for safety
<b>Forward Travel Speed</b>	1 to 5 mph

## Blades

<b>Length &amp; # of Blades</b>	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
<b>Blade Tip Speed</b>	19,000 ft. min.		
<b>Blade Width</b>	2.5"		
<b>Blade Thickness</b>	.203, 1055 heat treated, austempered to R50		

## Hydro Drive

<b>Hydraulic Pumps</b>	2 - Hydro-Gear Pumps (BDP-10A), belt driven, variable displacement piston pumps w/ high temperature seals
<b>Wheel Motors</b>	Parker Torqmotor, heavy-duty, high efficiency, low speed, high torque, high temperature seals, 1" tapered shaft
<b>Lines &amp; Hoses</b>	Steel lines from pump to motor dissipate heat from main drive circuit, "flare-O" fittings helps maintain leak free system
<b>Linkage</b>	Nylon reinforced rod ends for reduced wear and reduced free travel
<b>Forward Travel Speed</b>	0 - 5.5 mph
<b>Oil Type</b>	15W50 Synthetic Engine Oil resists high running temperatures
<b>Reservoir Capacity</b>	3 quart oil tank with full flow spin on suction filter
<b>Steering</b>	Forward, reverse, turning and stopping are all within a fingers reach on the pistol-grip hand controls

## Tires (Wheels)

<b>Front Casters</b>	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
<b>Belt Drive Wheels</b>	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
<b>Hydro Drive Wheel Hubs</b>	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
<b>Wide Track Wheel Base</b>	34" center to center wheel base is standard on all 48"

## Fuel

<b>Fuel Type</b>	Regular Unleaded Gasoline
<b>Fuel Tank Capacity</b>	6 gallons, polyethylene removable tank

## Weight

	<u>Belt Drive</u>	<u>Hydro</u>
<b>32" Mower - Complete</b>	432 lbs	482 lbs
<b>36" Mower - Complete</b>	453 lbs	503 lbs
<b>48" Mower - Complete</b>	512 lbs	562 lbs

<b>Console</b>	More User Friendly
----------------	--------------------

## **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>Peerless Transmission</b>	1 Year	90 Day Rental
<b>DECK*</b>	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!**