

# ENCORE

## WALK BEHINDS

### 2005 - 2006 BID SPECIFICATIONS

#### Engine Options

<u>Engine</u>	<u>13 HP Kawasaki</u>	<u>15 HP Kawasaki</u>
Model#	FH381V	FH430V
Displacement	431 cc (26.3 in <sup>3</sup> )	431 cc (26.3 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)	1.8 U.S. qt. (1.7 L)
Bore	2.56 in. (65 mm)	2.56 in. (65 mm)
Stroke	2.56 in (65 mm)	2.56 in (65 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	Air
Air Cleaner	Heavy Duty KAI System	Heavy Duty KAI System

#### Engine

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

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

#### Deck Features

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

## Belt Drive

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

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

## Tires (Wheels)

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

## Fuel

**Fuel Type** Regular Unleaded Gasoline  
**Fuel Tank Capacity** 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

## Console

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!**