

ENCORE

DIESEL MOUNTAIN LION - MC

2006 - 2007 BID SPECIFICATIONS

MODELS: 61B27LDML & 72B27LDML

Engine Options

	DIESEL
Engine	<u>27 HP Liquid Cooled BS &D</u>
Model#	582447
Displacement	953 cc (58.1in ³)
Cylinders	Three
Crankcase Cap.	3.5 U.S. qt. (3.3 L)
Bore	2.83 in. (72 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	Liquid
Air Cleaner	Heavy Duty, Large Canister Style Air Cleaner
Starting Aids	Glow Plugs w/ timer

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) w/ reinforced 3/8" wear strip
Paint	Powder Coated for extended color and gloss

Deck Features

Deck Sizes	61", & 72"		
Overall Width	61"	62 1/2" (73" w/ deflector chute)	
	72"	73 1/2" (84" w/ deflector chute)	
Cutting Height	1" - 5" 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	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
Blade Tip Speed	19,000 ft. min.			
Blade Width	2.5"			
Blade Thickness	0.203			

Drive

Hydro Pumps	2 - Parker pumps, belt driven (14cc) w/ Shock Valve Relief
Wheel Motors	2 - Parker Torqmotors w/ 1 1/4" tapered shaft
Forward Travel Speed	0 - 10 mph in forward and reverse
Oil Type	Synthetic 15W50 Engine Oil
Reservoir Capacity	2 1/2 Gallon
Steering	Zero turning radius, dual (twin) adjustable hand lever controls, infinitely variable, block steering w/ 'soft' touch dampeners

Tires (Wheels)

Front Casters	13 -6.5, 4-ply smooth pneumatic tires w/ 1" 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/Diesel
Fuel Tank Capacity	11 gallons
Fuel Pump	electric/mechanical, & injection on diesel

Seat

High back vinly seat w/ armrests and replaceable cushions and Milsko full suspension seat available

Brakes

Dynamic Braking	Twin hand control levers
Park Brake	Hand lever, disc brakes

PTO

Type	Electric clutch
Drive	Single belt to 1" splined U-Joint Shaft to gear box

Electrical

Charge System	40 amp (Diahatsu),
Battery Voltage	12 Volt - standard
Cold Cranking Amp	540 cca @ 0 degrees (Diahatsu)

Status Indicators

Diesel LC	Oil pressure light, coolant temperature light w/ audible alarm, charge light, glow plug light, fuel filter light, & running hour meter
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61" Dimensions

Weight - Operating	1210 lbs
- Shipping	1470 lbs
Length	82"
Width	62 1/2" (73" w/ deflector chute)
Rear Wheel Base (Outside)	63" (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

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!