Mean Green Products Cost Calculator

Comparative cost analysis to determine the overall cost of operating a Lithium, Carburetor Gas, and EFI Gas Ride On Zero Turn mower over their respective life cycles.

Instructions: Start at the top and fill in the yellow cells with numbers that apply to your situation. (Select a cell, type in the correct data and press "ENTER") The chart at the bottom of the page reflects your cost over the life cycle of the mower. Try different parameters to optimize your situation.

RETAIL User Pricing

EVO-74" ZTR

Part #	DESCRIPTION	PRICE		TOTAL
EVO-74" ZTR	74" Rear Discharge	38694.38		38,694
			☐ Add	0
			Select Battery	
				0
Industrial	3ea LEM48140 (6-7 hr cont. run time)			
LEMC-3548	Standard included with mower		Select Charger	
LEMC-4548	Optional higher output (additional)		LEMC-3548	0
CXR-60LK	LED flood light and USB Port		☐ Add	0
			MOWER COST	$38,694
	Local Sales Tax Rate	0.00%	Sales Tax	0
			TOTAL COST	$38,694
			Loan Payment	$0

☑ Check here if paying cash

Gas EFI

MOWER COST	17,500
Sales Tax	0
TOTAL COST	$17,500
Loan Payment	$0

Diesel

MOWER COST	22,000
Sales Tax	0
TOTAL COST	$22,000
Loan Payment	$0

Calculate your hourly operating cost

CXR Lithium Battery			**Cost/hour**
	Electric Rate (per KW Hour)	$0.09	$0.29
Diesel	Fuel use gal/hr (2.5 typical)	3	$9.75
EFI Gas	Fuel use gal/hr (2.2 typical)	2.5	$8.38
Fuel Costs/gal	Seasonal average fuel cost/gal	$2.75	
	Oil changes, Filters, Belts, Labor etc./hr		$1.50

Enter the number of hours you operate this mower per year

Hours per year Estimate Calculator

Hours/Day	Days/Month	Months/Yr	Hours/Year
6	20	9	1,080

Enter your actual Hours/year here: 620

Average Hours/Month: 52

Lithium batteries are rated to be 90% of their origional power at their published useful life charging cycles. After that they are expected to slowly continue loosing capacity. Useful life of a gas powered mower is typically 3,000 hours. Useful life of a Lithium powered mower is determined by the number of times the battery is charged. Charging a half depleted battery counts as half a charging cycle. Batteries are expected to outlive their mowers therefore making them available for replacement mowers. Mean Green Mowers are designed to be very rugged. Their modular design also lends to easy replacement of worn components. Our design goal is to set new industry standards by producing mowers with a 5,000 hour life.

Select battery using operating parameters listed below.

Battery	Useful Life Cycles	Operating hours/cycle	90% life Hours	Purchased cost/hour	Projected Years of service
			0		
LEM48140(3)	1,200	6	7200	$0.00	11.61

CAR EQUIVALENT EMISSIONS PER YEAR*			
COMM MOWER	**CAR miles ea Hour****	**CARS Per Year***	
EVO-74"	**0**	**0**	
Gas EFI	3872	200	
Diesel	4840	250	
*Pass car based on 12K miles/yr			
** 1ea 24HP mower = 88 cars at 55mph			

Use the tables below to compare mowers for any given month

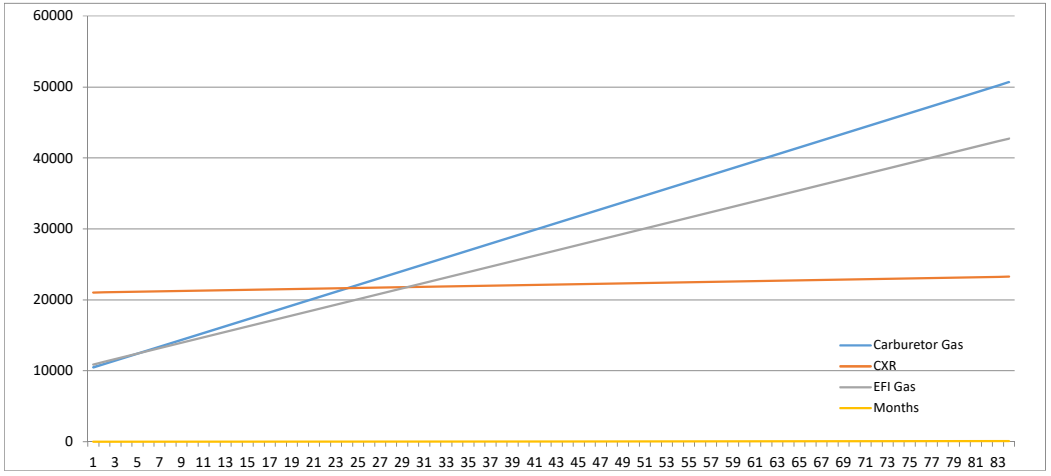
Cash spent to date including Operating Expenses						
ZTR	**Gas EFI**	**Diesel**	Month			
$38,694	$17,500	$22,000	0			
$38,710	$17,933	$22,504	1			
$38,725	$18,365	$23,008	2			
$38,740	$18,798	$23,511	3			
$38,755	$19,231	$24,015	4			
$38,771	$19,664	$24,519	5			
$38,786	$20,096	$25,023	6			
$38,801	$20,529	$25,526	7			
$38,816	$20,962	$26,030	8			
$38,831	$21,394	$26,534	9			
$38,847	$21,827	$27,038	10			
$38,862	$22,260	$27,541	11			
$38,877	$22,693	$28,045	12			
$38,892	$23,125	$28,549	13			
$38,908	$23,558	$29,053	14			
$38,923	$23,991	$29,556	15			
$38,938	$24,423	$30,060	16			
$38,953	$24,856	$30,564	17			
$38,969	$25,289	$31,068	18			
$38,984	$25,721	$31,571	19			
$38,999	$26,154	$32,075	20			
$39,014	$26,587	$32,579	21			
$39,030	$27,020	$33,083	22			
$39,045	$27,452	$33,586	23			
$39,060	$27,885	$34,090	24			
$39,075	$28,318	$34,594	25			
$39,090	$28,750	$35,098	26			
$39,106	$29,183	$35,601	27			
$39,121	$29,616	$36,105	28			
$39,136	$30,049	$36,609	29			
$39,151	$30,481	$37,113	30			
$39,167	$30,914	$37,616	31			
$39,182	$31,347	$38,120	32			
$39,197	$31,779	$38,624	33			
$39,212	$32,212	$39,128	34			
$39,228	$32,645	$39,631	35			
$39,243	$33,078	$40,135	36			

Comparative year to year cost to purchase and operate each mower (5000 hours maximum life)

YEAR	EVO 74 ZTR	EFI Gas	Diesel
1	$183	$5,192	$6,045
2	$183	$5,192	$6,045
3	$183	$5,192	$6,045
4	$183	$5,193	$6,045
5	$183	$5,193	$6,045
6	$183	$5,193	$6,045
7	$183	$5,193	$6,045
Total Cost	$1,280	$36,348	$42,315

BIG BIG!!! ***Saving!!!***

Cumulative costs of initial purchase and expenses comparing ZTR Lithium and Gas mowers



$39,258	$33,510	$40,639	37			
$39,273	$33,943	$41,143	38			
$39,288	$34,376	$41,646	39			
$39,304	$34,808	$42,150	40			
$39,319	$35,241	$42,654	41			
$39,334	$35,674	$43,158	42			
$39,349	$36,106	$43,661	43			
$39,365	$36,539	$44,165	44			
$39,380	$36,972	$44,669	45			
$39,395	$37,405	$45,173	46			
$39,410	$37,837	$45,676	47			
$39,426	$38,270	$46,180	48			
$39,441	$38,703	$46,684	49			
$39,456	$39,135	$47,188	50			
$39,471	$39,568	$47,691	51			
$39,487	$40,001	$48,195	52			
$39,502	$40,434	$48,699	53			
$39,517	$40,866	$49,203	54			
$39,532	$41,299	$49,706	55			
$39,547	$41,732	$50,210	56			
$39,563	$42,164	$50,714	57			
$39,578	$42,597	$51,218	58			
$39,593	$43,030	$51,721	59			
$39,608	$43,463	$52,225	60			
$39,624	$43,895	$52,729	61			
$39,639	$44,328	$53,233	62			
$39,654	$44,761	$53,736	63			
$39,669	$45,193	$54,240	64			
$39,685	$45,626	$54,744	65			
$39,700	$46,059	$55,248	66			
$39,715	$46,491	$55,751	67			
$39,730	$46,924	$56,255	68			
$39,745	$47,357	$56,759	69			
$39,761	$47,790	$57,263	70			
$39,776	$48,222	$57,766	71			
$39,791	$48,655	$58,270	72			
$39,806	$49,088	$58,774	73			
$39,822	$49,520	$59,278	74			
$39,837	$49,953	$59,781	75			
$39,852	$50,386	$60,285	76			
$39,867	$50,819	$60,789	77			
$39,883	$51,251	$61,293	78			
$39,898	$51,684	$61,796	79			
$39,913	$52,117	$62,300	80			
$39,928	$52,549	$62,804	81			
$39,944	$52,982	$63,308	82			
$39,959	$53,415	$63,811	83			
$39,974	$53,848	$64,315	84			
$39,989	$54,280	$64,819	85			