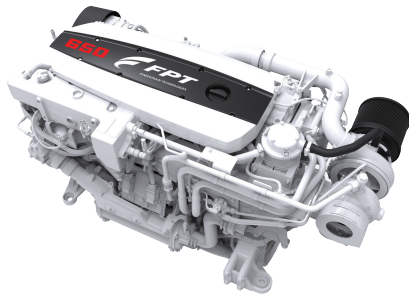


# CURSOR 90

650 EVO Rated at 650 Mhp @ 2530



## SPECIFICATIONS

Type	Diesel 4 Stroke
Configuration	Inline 6 Cylinder
Air Handling	Turbocharged and Super Charged Air Cooled
Bore X stroke	117 x 135 mm
Displacement	8.7 L
Compression Ratio	14.5:1
Valves per Cylinder	4
Rotation	CCW
Fuel System	Electronic Common Rail
Cylinder Head Material	CGI
Over Head Camshaft	Heat Treated Steel
Piston	Aluminum Double Lip Re-entrant
Moment of Inertia	1.880 kg/m <sup>2</sup>
Temperature Regulation	72-80C
Cold Start Aid	Yes

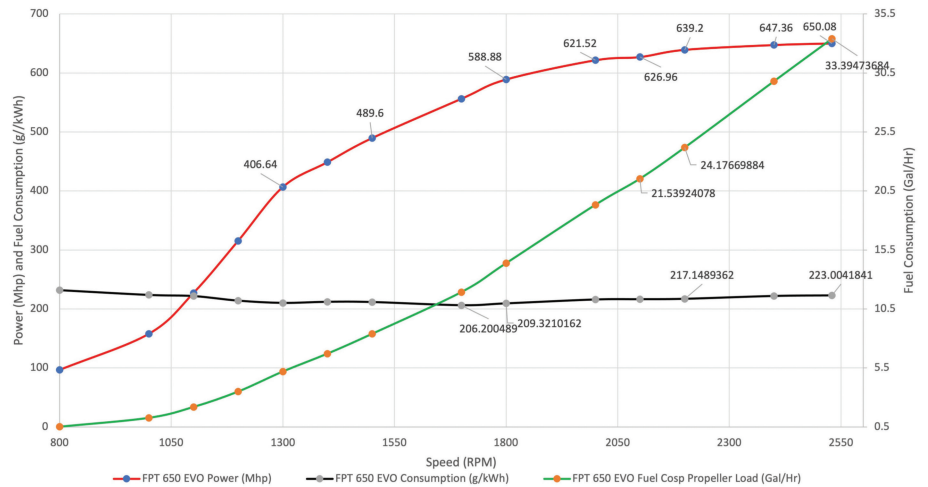
## RATINGS

650 Mhp @ 2530	1720 ft/lbs @ 1650 RPM
----------------	------------------------

## STANDARD CONFIGURATION

Emissions Level	EPA Tier 3
Flywheel SAE1	14"
Flywheel Housing	Aluminum
Flywheel Housing	SAE 1
Oil Sump	Aluminum 10 Degree Static
Voltage	12 or 24v
Alternator	90A, 120A, 220A
Starter	5.5 kW
Dimensions LxWxH	48" x 34.7" x 38.7"
Weight Dry	2295 lbs
Weight Wet	2450 lbs

FPT C90 650 EVO Performance



## C90 650 Mhp — RATING A1 - 478 kW

Engine Speed (rpm)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/lbs)	Propeller Fuel Consumption (gal/hr)	Consumption (g/kWh)
800	96.6	9.7	633.9	0.5	232
1000	157.8	24.6	828.6	1.3	224
1100	227.1	42.9	1084.4	2.2	222
1200	315.5	71.0	1380.9	3.5	214
1300	406.6	107.4	1642.8	5.2	210
1400	448.8	137.4	1683.6	6.7	212
1500	489.6	172.1	1714.3	8.4	212
1700	556.2	251.1	1718.5	11.9	206
1800	588.9	298.1	1718.2	14.4	209
2000	621.5	388.4	1632.1	19.3	216
2100	627.0	432.0	1568.0	21.5	216
2200	639.2	483.3	1525.9	24.2	217
2400	647.4	582.5	1416.6	29.8	222
2530	650.1	650.1	1349.5	33.4	223

= Range of highest engine efficiency

**Stauffer Diesel Inc.**  
 34 Stauffer Lane, Ephrata, PA 17522  
 www.staufferdiesel.com  
**Contact: Michael, Balser**  
**800.377.2120**