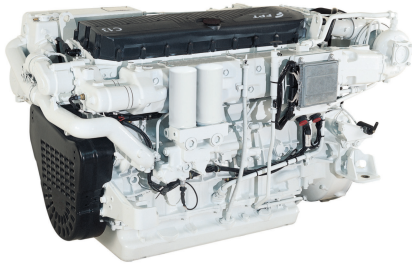


# CURSOR 13

520 Rated at 520 Mhp @ 2000



## SPECIFICATIONS

Type	Diesel 4 Stroke
Configuration	Inline 6 Cylinder
Air Handling	Turbocharged Air Cooled
Bore X stroke	135 x 150 mm
Displacement	12.88 L
Compression Ratio	16.5 : 1
Valves per Cylinder	4
Rotation	CCW
Fuel System	EUI
Cylinder Head Material	Cast
Over Head Camshaft	Heat Treated Steel
Piston	Aluminum double lip re-entrant
Moment of Inertia	.4845 kg/m <sup>2</sup>
Temperature Regulation	72-80C
Cold Start Aid	Yes
Cooling System	HXC and KC

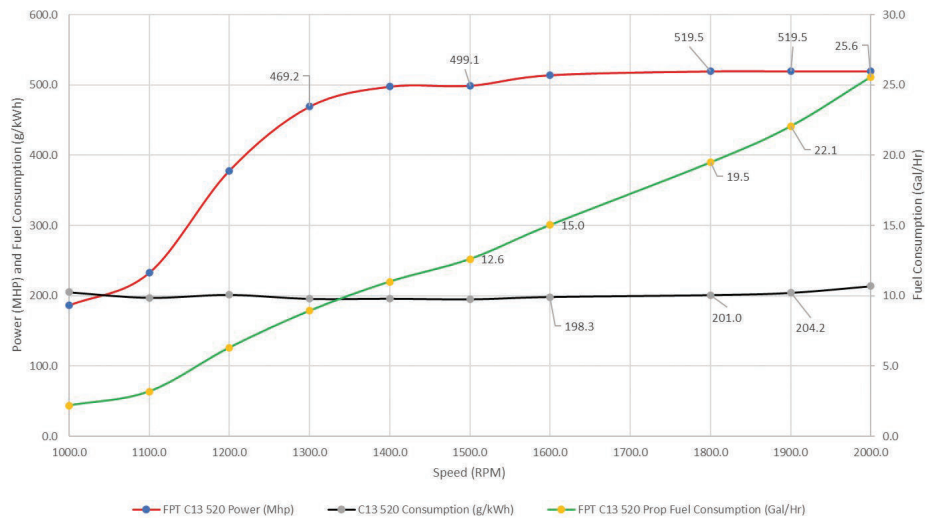
## RATINGS

520 Mhp @ 2000	1896 ft/lbs @ 1300 RPM
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## STANDARD CONFIGURATION

Emissions Level	IMO 2
Flywheel SAE1	14"
Flywheel Housing	Aluminum
Flywheel Housing	SAE 1
Oil Sump	Aluminum 10 Degree Static
Voltage	24v
Alternator	90A
Starter	5.5 kW
Dimensions LxWxH	57.7" x 39.4" x 42"
Weight Dry	3075 lbs
Weight Wet	3230 lbs

FPT C13 520 Performance



## C13 520 Mhp — RATING C - 382 kW

Engine Speed (rpm)	Peak Power (Mhp)	Propeller Power (Mhp)	Torque (ft/lbs)	Propeller Fuel Consumption (gal/hr)	Consumption (g/kWh)
1000	186.3	46.6	978.6	2.2	205.0
1100	232.6	70.3	1110.4	3.2	197.1
1200	378.1	136.1	1654.7	6.3	201.3
1300	469.2	198.2	1895.6	8.9	195.6
1400	497.8	243.9	1867.3	11.0	195.9
1500	499.1	280.8	1747.6	12.6	195.0
1600	514.1	329.0	1687.5	15.0	198.3
1800	519.5	420.8	1515.8	19.5	201.0
1900	519.5	468.9	1436.1	22.1	204.2
2000	519.5	519.5	1364.3	25.6	213.6

= Range of highest engine efficiency

**Stauffer Diesel Inc.**  
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 www.staufferdiesel.com  
**Contact: Michael, Balsler**  
**800.377.2120**