Light duty

Marine engines

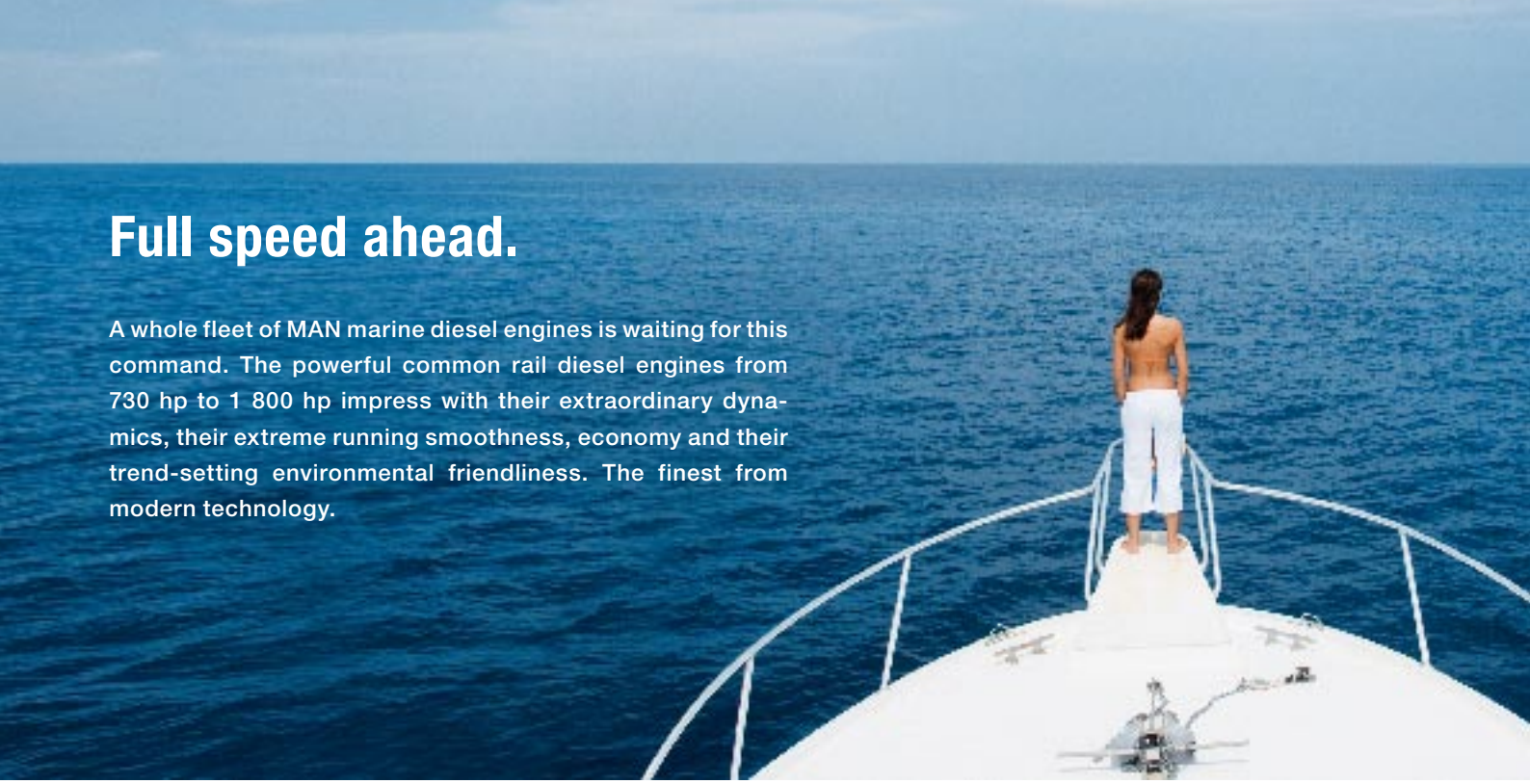


V8-1000 and V8-1200

Power to get your yacht up to speed.

Powered by MAN.

MAN Nutzfahrzeuge Group



Full speed ahead.

A whole fleet of MAN marine diesel engines is waiting for this command. The powerful common rail diesel engines from 730 hp to 1 800 hp impress with their extraordinary dynamics, their extreme running smoothness, economy and their trend-setting environmental friendliness. The finest from modern technology.

Engine description V8-1000 and V8-1200.

Characteristics	V8-1000	specials V8-1200
Cylinders and arrangement	8 cylinders in 90° V design	
Operation mode	4-stroke diesel engine	
	watercooled	
	1-stage exhaust turbocharging	2-stage exhaust turbocharging
	intercooler	
Number of valves	4 valves per cylinder	
Fuel system	Common Rail direct fuel injection with electronic control	
Engine lubrication	Closed system with forced feeding, oil cooling and filtering	
Type of cooling	Plate heat exchanger, seawater cooled	
Engine electric	Electronic injection control (EDC)	
	Electronic engine monitoring including diagnostic unit	
Exhaust gas status	IMO/MARPOL 73/78, EPA Tier 2 (only for private use),	
	Recreational Craft Directive 94/25/EC	
Fuel	DIN EN 590	

Dimensions		V8-1000	V8-1200
A-Overall width of engine	mm	1 153	1 153
B-Overall length of engine	mm	1 736	1 745
C-Overall height of engine	mm	1 236	1 225
D-Top of engine to crankshaft centre	mm	825	811
E-Length of engine from front end to edge of flywheel housing	mm	1 243	1 262

For detailed examinations of installation dimensions, please order drawings from our factory.

MAN engines have outstanding qualities

- High tractive power even at low speeds
- Powerful acceleration and rapid reaction to commands
- High performance combined with low weight
- Compact, space-saving design
- Large operation range owing to low consumption
- Low running costs and long service life
- Low emission values
- World-wide service network with rapid supply of spare parts

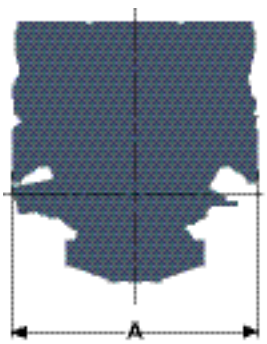
Technical data

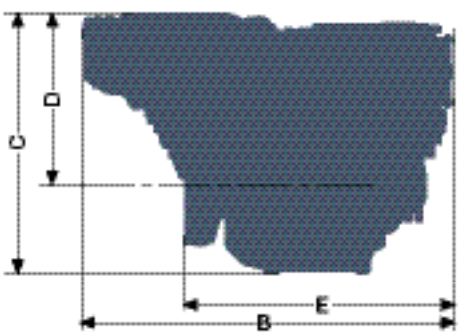
Type of engine		V8-1000	V8-1200
Displacement	l	16.16	16.16
Maximum output to DIN ISO 3046-1[1]	kW (hp)	735 (1 000)	882 (1 200)
Rated speed	rpm	2 300	2 300
Maximum torque	Nm	3 340	4 010
at speed	rpm	1 200 - 2 100	1 200 - 2 100
Weight (dry)	kg	1 780	1 875
Fuel consumption at rated power	l/h	190	226

[1] The ratings are only for operation of private yachts.

Definition of operation

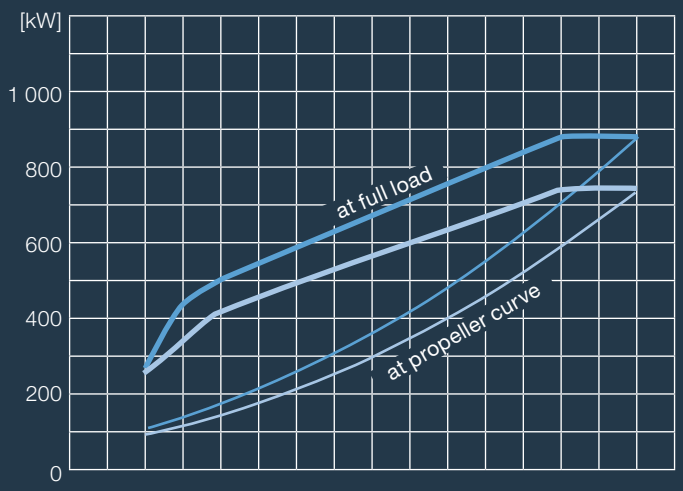
The engines for light duty operation are designed for a maximum of 1 000 annual operating hours with up to 20 percent of time at full load, an average of up to 50 percent load application and no wide-open throttle below rated speed.



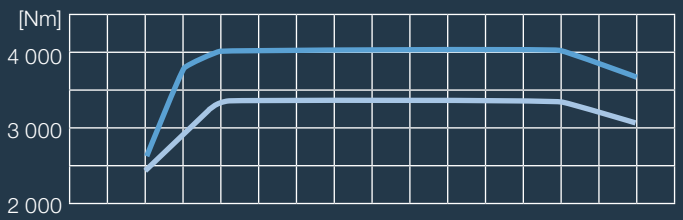


Power charts.

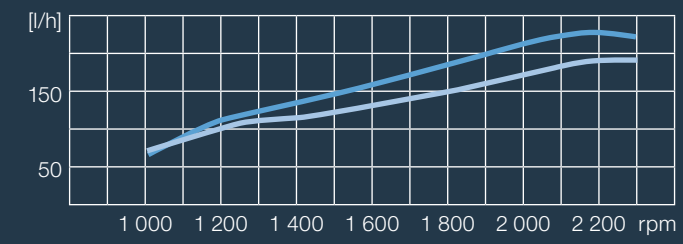
Power V8-1000 and V8-1200



Torque V8-1000 and V8-1200



Fuel consumption V8-1000 and V8-1200



- V8-1200 with 882 kW (1 200 hp at 2 300 rpm)
- V8-1000 with 735 kW (1 000 hp at 2 300 rpm)

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We reserve the right to make modifications in the course of technical progress.

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