



***MARINE***

***C16 1000***

**735 kW**

**Our efficiency.  
Your edge.**

# The Wave of Innovation

FPT Industrial engines for pleasure and light commercial boats stand out for their superb quality, features and application versatility. They provide maximum power and torque at low revolutions.

They achieve higher levels of efficiency in all sea conditions. They also boast impressive levels of durability.

A dramatic reduction in noise and vibrations combines power with the pleasure of sailing. Exhaust emissions have also been reduced, thereby lowering the environmental impact and complying with the most stringent legislation.

Our engineering experience has delivered a lightweight design, with low volume/power and weight/power ratios, for easier installation and superior performance.

Application	Model	Cylinder Arrangement Injection Aspiration	Displacement Liters	Power <sup>1</sup> - KW (HP) @RPM		
				A2 = B1	B	C
● ○	C16 1000	6L / CR / TCA	15.9	735 (1000) @2300	662 (900) @2300	600 (815) @2300 478 (650) @2300

Legend

Application

- Pleasure
- Professional

Arrangement

L In line vertical

Air Intake

- NA Naturally Aspirated
- TC Turbocharged
- TCA Turbocharged After Cooled

(1) Net rating at flywheel according to ISO 3046-1 and delivered after ~ 50 hours running. Engine performance within ± 5%



**A1** High performance crafts. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum usage 300 hours per year.

**A2=B1** Pleasure/commercial vessels. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum usage 1000 hours per year.

**B** Light duty. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum usage 1500 hours per year.

**C** Medium duty. Full throttle operation <25% of use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum usage 3000 hours per year.

**D** Heavy duty. Maximum rating utilisation up to 100% of use period, for unlimited hours per year.

## **Versatile engine for a comprehensive series of fast, long range pleasure and light commercial vessels**

### **Top performance and durability**

- The C16 1000 is distinguished by excellent power density (up to 63 Hp/lit) and best in class durability (+25% compared to its main competitors) with the compactness and lightness of a 13 lit.

### **Lightness and compactness**

- The engine delivers world-class power-to-weight ratio (0.59 hp/kg) and power-to-volume among the best in class (0.52 Hp / Dm<sup>3</sup>).
- The lightness enables better boat performance in terms of speed and transient planning.
- The compactness allows the optimization of:
  - space and liveability on board
  - engine installation and serviceability

### **Maintenance**

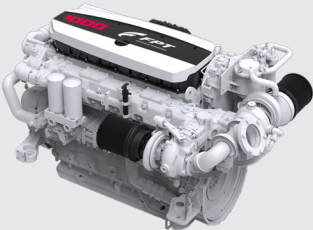
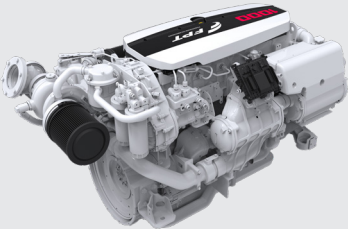
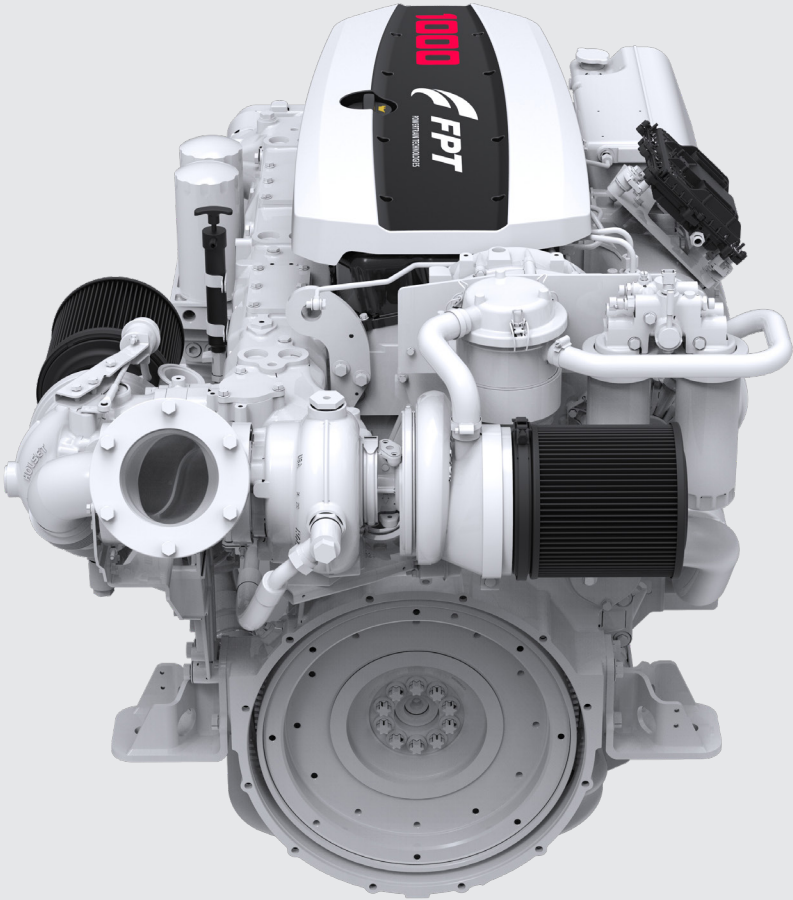
- C16 1000 offers the best in class maintenance intervals which are twice those of its main competitors (oil and filters replacement: up to 600 hrs)

### **Environmental impact**

- The engine complies with the most stringent emission regulations thanks to:
  - The last generation Common Rail system (up to 2200 bar) with multi point fuel injection
  - New high efficiency blow-by system
  - State-of-the-art oil green filters

### **Comfort**

- Low exhaust emissions, reduced noise and vibrations resulting in excellent comfort during navigation



FPT Industrial S.p.A.

Via Puglia 15, 10156  
Torino, Italy

[fptindustrial.com](http://fptindustrial.com)

[marketing@  
fptindustrial.com](mailto:marketing@fptindustrial.com)

All the pictures, drawings illustrations and descriptions contained in this brochure are based on product information available to FPT Industrial at the time of printing (31/07/2018). Some of the engine line-ups may refer to a specific market configuration which may not be present or offered for sale available in all other markets. The colors featured in this brochure may differ from the originals. FPT Industrial reserves the right to introduce any modifications, at any time and without any prior advance notice, to design, material, components equipment and/or technical specifications.