



## WÄRTSILÄ 32 DIESEL ENGINE GENERATING SET

The Wärtsilä 32 diesel engine generating set is available in 12V, 16V and 20V cylinder versions with a power output ranging between 5.6 and 9.8 MW. More than 7 500 MW of the Wärtsilä 32 engine sized generating sets have been delivered to energy customers globally during the past 20 years.

With proven reliability and a low operating cost, the Wärtsilä 32 provides high efficiency throughout the entire life of the power plant.

Wärtsilä helps customers unlock the value of the energy transition by optimising their energy systems and future-proofing their assets. We offer flexible power plants, energy management systems, and storage, as well as engineering, procurement and construction (EPC) deliveries and full lifecycle support that ensure guaranteed performance.

### Key features

- Proven in service for decades
- High reliability
- High power density
- Low fuel consumption over a wide load range
- Operates on heavy fuel oil (HFO), light fuel oil (LFO), crude oil (CRO) and certain types of liquid bio fuels (LBF)
- Optimised performance and efficiency supported by Wärtsilä Lifecycle solutions



**FLEXIBLE SOLUTION  
TO MEET CHANGING  
POWER NEEDS**



**LOW OVERALL  
LIFECYCLE COST**



**MULTI-FUEL  
CAPABILITY**



## MAIN TECHNICAL DATA

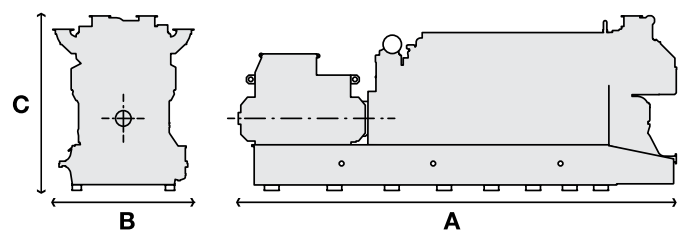
Wärtsilä 32 Engine generating set, 50 & 60 Hz	
Cylinder configurations	12V, 16V, 20V
Cylinder bore	320 mm
Piston stroke	400 mm
Engine speed	750 rpm (50 Hz), 720 rpm (60 Hz)
Mean piston speed	10 m / s (50 Hz), 9.6 m / s (60 Hz)

### Rated electrical power LFO / HFO (kW)

Genset type	50 Hz	60 Hz
9L32	4 374	4 180
12V32	5 840	5 580
16V32	7 819	7 481
20V32	9 795	9 388

### Maximum transportation dimensions (mm) and weights (tonnes)<sup>1</sup>

Genset type	Length (A)	Width (B)	Height (C)	Dry weight
9L32	10 484	3 098	3 986	83
12V32	10 226	3 000	4 104	92
16V32	11 189	3 300	4 483	117
20V32	13 072	3 300	4 342	130



<sup>1</sup> There are a number of dismantling options available for transportation of the generator set. These include different options for reduced weight and height. Please contact Wärtsilä for further information.

**Disclaimer** The information contained herein is provided for informational purposes only and may not be incorporated, in whole or in part, into any agreement or proposal. No representation of any kind is made in respect of any information contained herein and Wärtsilä expressly disclaims any responsibility for, and does not guarantee, the correctness or the completeness of the information. The calculations and assumptions included in the information do not necessarily take into account all the factors that could be relevant in a particular case. Information herein shall not be construed as a guarantee or warranty of the performance of any Wärtsilä technology, equipment or installation.

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

The information in this document is subject to change without notice and the given data does not carry any contractual value. Wärtsilä assumes no responsibility for any errors that may appear in this document. WÄRTSILÄ® is a registered trademark. Copyright © 2020 Wärtsilä Corporation.

