

## Wartsila Diesel Engine Manuals

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Transport Dimensions and Weights W ä rtsil ä 26 Product Guide Fig 19-2 Lifting of main engines, V-engines (9610ZT128b) Engine Weight \*\* W 12V26 6355 2453 1580 5218 3224 4968 3224 31.2 W 16V26 6355 2473 1580 6220 3224 5981 3224 37.4 \*) Turbocharger in driving end \*\*) Weight [ton] for wet sump engines including hoisting tool and transport support All dimensions in mm.

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W ä rtsil ä 32. The W ä rtsil ä 32 was developed in response to a need in the market for a new engine in the 320 mm cylinder bore class and since 1998 more than 2500 of these engines have been sold to the marine market, in total more than 4500 W ä rtsil ä 32 bore engines have been delivered to the

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Fig1-4 V-engines(DAAE000413c) Engine TC LE1 LE1\* LE2 LE3 LE3\* LE4 LE5 LE5\* HE1 HE2 HE3 HE4 W12V50DF TPL71 10425 10540 7850 1840 1840 460 435 435 4240 3600 1500 800 W16V50DF TPL76 13830 13200 10050 2300 2300 460 680 680 4400 3600 1500 800 Engine TC HE5 HE6 WE1 WE1 WE2 WE3 WE4 WE4\*\* WE5 WE6 Weight

Wärtsilä 50DF

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The Wärtsilä UNIC is an embedded engine control system for Wärtsilä 4-stroke engines incorporating decades of experience, knowledge and expertise. It makes engines safe, environmentally energy ef-ÄJPLU[ YLSPHISL HUK ÄL\_PISL ;OL Z`Z[LT PZ KLZPNULK [V TLL[ [OL OPNOLZ[ SL]LSZ VM YLSPHIPSP[ PUJS\KPUN

Wärtsilä UNIC - Engine Control System Overview

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Wartsila Diesel Engine Manual Wartsila Marine Diesel Engines: workshop manuals PDF Wärtsilä Oyj Abp is a Finnish public engineering company that manufactures machinery and other equipment for gas, oil and other raw materials power plants. Throughout its history, the company has worked in the field of shipbuilding, paper, locks, ceramics, glass.

This book offers a comprehensive and timely overview of internal combustion engines for use in marine environments. It reviews the development of modern four-stroke marine engines, gas and gas – diesel engines and low-speed two-stroke crosshead engines, describing their application areas and providing readers with a useful snapshot of their technical features, e.g. their dimensions, weights, cylinder arrangements, cylinder capabilities, rotation speeds, and exhaust gas temperatures. For each marine engine, information is provided on the manufacturer, historical background, development and technical characteristics of the manufacturer's most popular models, and detailed drawings of the engine, depicting its main design features. This book offers a unique, self-contained reference guide for engineers and professionals involved in shipbuilding. At the same time, it is intended to support students at maritime academies and university students in naval architecture/marine engineering with their design projects at both master and graduate levels, thus filling an important gap in the literature.

Pounder's Marine Diesel Engines and Gas Turbines, Tenth Edition, gives engineering cadets, marine engineers, ship operators and managers insights into currently available engines and auxiliary equipment and trends for the future. This new edition introduces new engine models that will be most commonly installed in ships over the next decade, as well as the latest legislation and pollutant emissions procedures. Since publication of the last edition in 2009, a number of emission control areas (ECAs) have been established by the International Maritime Organization (IMO) in which exhaust emissions are subject to even more stringent controls. In addition, there are now rules that affect new ships and their emission of CO2 measured as a product of cargo carried. Provides the latest emission control technologies, such as SCR and water scrubbers Contains complete updates of legislation and pollutant emission procedures Includes the latest emission control technologies and expands upon remote monitoring and control of engines

some of these important technologies, covering both new engineering concepts and new products which have emerged, as well as important innovations to existing technologies. Many of the chapters include economic analyses which identify the resulting cost savings. Specific areas of development addressed include gas cooling, chillers, desiccant technologies, cogeneration, heating systems, and other natural gas technologies.

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