



Greeks Quick to Adopt G95

Record-breaking engine successfully targeted at container segment

Copenhagen,
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Two Greek shipping operators have recently selected one of MAN Diesel & Turbo's newest, two-stroke, main engines – the G95ME-C – as prime mover for two series of, respectively, 9,000- and 11,000-TEU container vessels.

The G95ME-C9.2 ranks among the largest and most powerful engine the company has ever released to the marine, two-stroke market. The orders cover five confirmed engines – 3 + 2 for the 9,000-TEU series and 2 + 2 for the latter – and one of MAN Diesel & Turbo's Korean licensees will construct the engines.

Originally announced in July 2013, MAN Diesel & Turbo states that the G95ME-C was developed specifically for the large, modern container vessel segment and is optimised for efficiency and green technology. HHIC Phil (Hanjin Heavy Industries Corporation Philippines) will construct the five vessels.

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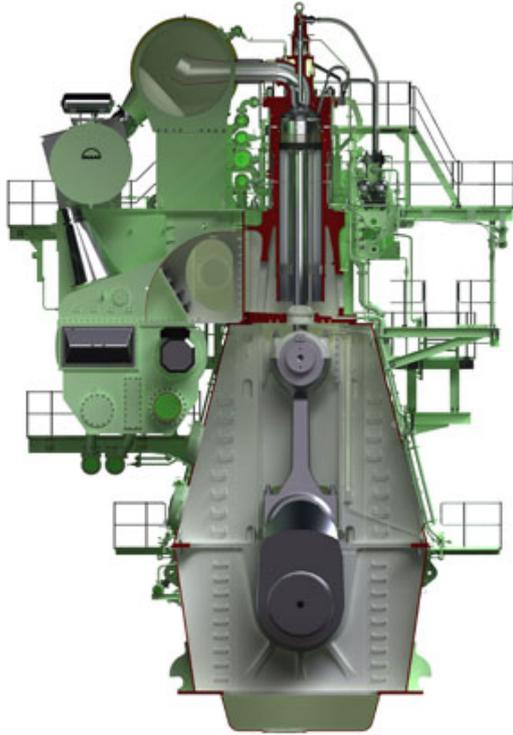
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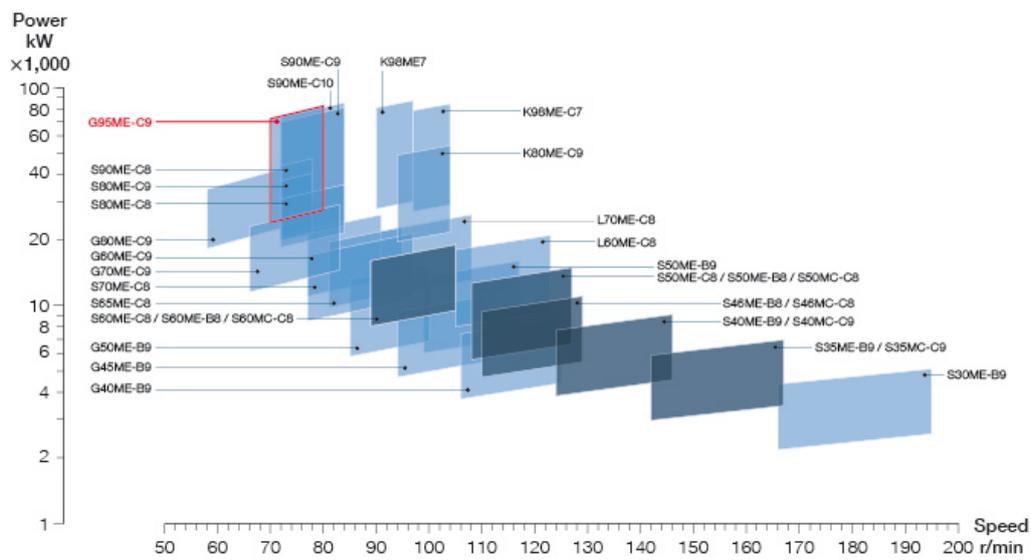
| G95ME-C Main data | | | | | | | |
|---|-----------------------------------|-------------------|-------------------|------------|-----------------------------------|------------------------------------|----------------------------|
| SFOC L1-L3/L2-L4 (g/kWh) | V_{pist} (m/s) | S (mm) | B (mm) | S/B | mep_{L1} (bar) | P_{cyl,L1} (kW) | rpm_{L1/L3} |
| 166/160 | 9.23 | 3,460 | 950 | 3.64 | 21 | 6,870 | 80/70 |

The G-type programme

MAN Diesel & Turbo's G-type programme ('G' for Green) entered the market in October 2010. The 'G' prefix before an engine means it has an ultra long stroke, which in combination with lower rpm and a larger propeller paves the way for ship designs with unprecedented high efficiency. Together with an optimised engine design, this reduces fuel consumption and reduces CO₂ emissions. The engine design follows the principles of the large-bore, Mark 9 engine series that MAN Diesel & Turbo introduced in 2006. Since its introduction, in excess of 400 engines have borne the G-prefix.



Graphical rendering of the G95ME-C9.2 engine



Layout diagram of the MAN Diesel & Turbo low-speed portfolio with the G95ME-C9 engine highlighted

Press Release

MAN Diesel & Turbo



Press Release
Page 3 / 3

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel engines and turbomachinery for marine and stationary applications. It designs two-stroke and four-stroke engines that are manufactured both by the company and by its licensees. The engines have power outputs ranging from 450 kW to 87 MW. MAN Diesel & Turbo also designs and manufactures gas turbines of up to 50 MW, steam turbines of up to 150 MW and compressors with volume flows of up to 1.5 million m³/h and pressures of up to 1,000 bar. The product range is rounded off by turbochargers, CP propellers, gas engines and chemical reactors. MAN Diesel & Turbo's range of goods includes complete marine propulsion systems, turbomachinery units for the oil & gas as well as the process industries and turnkey power plants. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand. The company employs around 14,000 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. MAN Diesel & Turbo is a company of the Power Engineering business area of MAN SE.

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