

Powerful New Yanmar 12AY Diesel Series Launched

A new Yanmar commercial marine engine has been launched in Australia, the mammoth 40 litre 12 cylinder Yanmar 12AY delivering a new level of performance and efficiency to commercial operators.



Renowned throughout the world for reliable, durable and efficient marine power plants, the Yanmar the 12AY series is suitable for the High-Speed Commercial Workboat diesel market. With easy installation and maintenance, the purpose-built 12AY is ideal for offshore support vessels, passenger ferries, tugs, commercial fishing craft and other demanding applications.

The new Yanmar 12AY engine is by any measure a large and technically impressive model. A key element of the performance and efficiency is a new staggered injection nozzle and patented combustion chamber design. Combined, they allow a very wide rpm range with low fuel consumption and emissions.

This purpose built marine engine boasts class leading fuel burn and IMO Tier 11 emission compliance with no complicated or sophisticated electronic governor or control systems. It shares many similar components with its smaller sibling, the 6AY series which has already made a name for itself in the Australian market, and already dominates the commercial diesel marine engine segment in Japan and throughout Asia.

The 40L, 12-cylinder turbocharged diesel engine is available in five power ratings across three models. The 12AYM-WST models produce 1,200mhp (882 kW) @ 1,850rpm and 1,400mhp (1,030 kW) @ 1,900rpm. The 12AYM-WET versions have outputs of 1,550mhp (1,140 kW) @ 1,840rpm and 1,659mhp (1,220 kW) @ 1,900rpm. The 12AYM-WGT produces 1,822mhp (1,340 kW) @ 1,940rpm.

A new V-cylinder block configuration offers improved rigidity compared to previous models, with inspection ports providing easy access to connecting rod assemblies. A mechanical engine governor control and Yanmar's own fuel system components further enhance reliability.

Compliant with the latest IMO Tier II emissions regulations, the 12AY series has type approval by the six major classification societies.

“This new engine from Yanmar is eminently appropriate to the Australian and New Zealand commercial marine market,” said Michael Blair, National Marine Sales Manager for Power Equipment, the authorised Distributor for Yanmar in Australasia. We already have a pair in service locally with good results, and are currently fielding strong enquires for several more.

“It is relevant for both repowers and the new boat market. The Yanmar 12AY represents the latest in marine diesel engine technology and will deliver exceptional fuel efficiency to those who make their living at sea. When reliability, durability and fuel economy counts the most, Yanmar commercial marine engines are the best choice.”

Power Equipment is the exclusive and authorised Australian, New Zealand, Papua New Guinea and South Pacific Distributor of Yanmar Marine and Industrial diesel engines, JCB DieselMax, MASE diesel marine generators, Gori high quality folding sailboat propellers, PSS Shaft Seals and Northern Lights Gen Sets.

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EDITOR'S NOTE

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