Our state-of-the-art high speed propulsion package: MAN Alpha CP Propellers tailored with stern tubes, seals, tail shafts, intermediate shafts, couplings and the Alphatronic 3000 control system – optimized and fine-tuned for geared MAN 12V175D engines.

Benefits at a glance
- High efficiency and low noise
- Low operational costs
- Low installation costs
- Superior package value
Propulsion package heritage

Tradition, development and customization are the bedrock of MAN Diesel & Turbo’s excellence in integrated propulsion packages. The first CPP package for a hot-bulb engine can be dated back to 1902.

The high speed package

The new MAN 12V175D based propulsion packages are characterized by all core elements – such as main engines, reduction gearboxes, shaft lines, stern tubes, propellers and propulsion control systems – being designed, matched, optimized and commissioned for integration into tailored solutions.

Owners’ operating benefits

- Optimal operating economy is ensured thanks to the optimized layout of engine, reduction gearbox, propeller, propulsion control and safety system
- Operating reliability, durability and predictable service intervals are assured by a tailored package solution
- One company supplying, testing and commissioning the package, together with the subsequent lifetime accumulation of performance and operating experience for the propulsion components.

Owners’ service benefits

- Service documentation, maintenance programs and spare parts catalogues for the propulsion equipment – available from one point of contact – is the basis for efficient service routines and identification of parts
- One service organization addressing all propulsion plant support requirements via the worldwide network of MAN PrimeServ representatives, authorized workshops and service centers
- The MAN 175D engines can be equipped with ‘PrimeServ Telematics’ remote service modules giving remote access to engine modules, specific measuring points and operating data
- Service contracts are offered in three levels from the basic ‘PrimeServ Comfort’ and medium level ‘PrimeServ Comfort Plus’ to the full and very extensive ‘PrimeServ Comfort Super Plus’
- The content and coverage of the PrimeServ contracts range from basic parameter handling, service hour interval notifications and local half year engine checks – to all scheduled services performed by MAN PrimeServ
- To ensure optimal operation our MAN PrimeServ Academy offers complete propulsion system instruction and training for engineers, operators and service staff.

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