

KOHLER POWER SYSTEMS

I'M SAILING 'CROSS THE SEA



Quoting the Kohler official on Monday 17 October 2016: «Arrival of the KD Series within the range of the new Kohler-SDMO brand, fitted with Kohler engines exclusively designed and constructed for this use. This announcement saw the emergence of a new level of autonomy and the construction of a new dynamic, notably with more responsive and fully independent Customer Services».

For Kohler it's a century of power. A name (power) that can be used in both senses of the English language. Kohler Power Systems, SDMO, Clarke Energy. Once upon the time when the manufacturer of the engine block manufacturer was missing. Now there is one, thanks to Kohler Engines of Reggio Emilia. We would

like to tell you what the KPS people have told us in relation to the cooperation with Kohler Engines.

What has the incorporation of a

Kohler Engines is the engine brain of the Kohler Group. The news has been known since 2007, but it is good to remember that even in the marine sector Kohler is a key asset. KDIs will also play an increasingly strategic role in 'water'

world-renowned engine manufacturer like the former Lombardini changed in the organization of KPS?

More stringent emission regulations as well as manufacturing governance control have been contributing factors to the desire of Kohler Power Systems to become fully vertically integrated. With the acquisition of Lombardini in 2007, followed by the introduction of the KDI series diesel engines, Kohler is now in a position to offer product and global service of all product components through one support organization.

Kohler Engines invested in volume optimization, injection and after-treatment systems. Have you optimized the adaptation of an off-

road engine to on-board PG unit?

The new KDI series engines also support the 'PGEN' load management function unique to Kohler Gensets offering fully integrated and automatic paralleling and load sharing of multiple gensets.

What is KPS's approach to genset soundproofing, both Kohler-derived and other engines?

The optional Kohler enclosures are purposely designed for each model/rating whereby the main components are matched and tuned for airflow and temperature to maximize both the mechanical as well as airborne noise reduction. Several of the enclosure design details are pa-

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What power ratings are covered with Kohler engines?

«All Kohler marine generator sets, from 5kW to 40kW, are powered by Kohler diesel engines manufactured in Reggio Emilia. These engines are purposely designed for marine genset operation and, as such, are capable to run for extended periods at low loads. The engines meet the most stringent EPA Tier III emission levels and can be supplied with Lloyds class certification.

The Fox series marine engines were redesigned for marine use to ensure low emission and smoke levels under all operating conditions. This effort required changes to the combustion components as well as the injectors. The KDI engine range was designed from a blank sheet of paper, and from the very beginning the different emission and operation needs for marine applications were taken into consideration. This approach resulted in a marine engine product range, from 13kW to 40 kW, of unheard design and performance in terms of size, weight footprint and noise levels».

On June 8, 2020 Brian Melka has been named Group President – Power: Power Systems, Kohler Engines, Clarke Energy and Kohler Uninterruptible Power.

tented and proprietary to Kohler.

Extraordinary service and maintenance activities are seasonal, I mean during the summer time. How are you organized to manage the so-called 'downtime', which is particularly annoying for ship owners? 4.0 and remote control? What is your strategy in combining mechanical power and a specific alternator?

Kohler Power Systems has a dedicated global marine organization to support the specific needs of both the commercial and pleasure craft markets through an authorized and trained network of distributors and dealers. To facilitate and expedite remote support, Kohler also uses remo-

te monitoring and diagnostic tools that allow for visual and operational control via the digital tools of the onboard technicians. The product installation description (PID) process of the marine generator ensures that the product is installed in compliance with the specifications. The PID process registers all relevant installation parameters for reference use during global service interventions.

What does it mean to have a vertical integrated platform?

Kohler Power Systems recognizes the industry drive toward more power from a smaller package and continues to focus on AC technology while engineering DC solutions to be integrated in new, yet affordable, topologies».