



Donation to Mercy Ships International

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MAN Diesel & Turbo engines generate power for world's biggest civilian hospital ship

The Augsburg-based manufacturer of large-bore diesel engines and turbomachinery MAN Diesel & Turbo is supplying the charitable organisation Mercy Ships International with four new 5L21/31 type on-board power generators for a hospital ship. The "Africa Mercy" is the world's largest civilian hospital ship and provides free medical care in African coastal areas to those who otherwise couldn't afford it. Thus MAN Diesel & Turbo grants a donation of around €350,000 for the benefit of the organisation.

Some 48 000 ships worldwide are powered by MAN Diesel & Turbo SE engines, either providing propulsion or serving as on-board power generators. Among them, the Africa Mercy is a very special one: It is equipped to the same standard as a medium-sized hospital, with six operating theatres, modern X-ray and computer tomography equipment, a dental practice, a pharmacy, and more besides. There are also facilities for the approximately 400 voluntary crew members and their families, who often live on board for months at a time: recreation rooms, a large kitchen, a laundry, and a school for up to 60 children. All these amenities require a lot of electricity, which is produced on board by diesel-powered generators known as gensets. Because the *Africa Mercy* is a converted Danish rail ferry, built in 1980, it had become essential to replace the on-board power generators in order to provide the vessel with a reliable supply of power and enable it to remain in service. From now on, the ship's power supplies will be provided by four 5L21/31 type MAN engines, each with an output of 1,000 kW (1,360 hp). They will be mounted in such a way as to cause minimum vibration, as any vibration transmitted to the operating theatres could make the surgeons' task more difficult. The engines are due to be installed when the vessel puts into port in South Africa as of September 2010.

"Some of the world's poorest countries are situated on the African coast. Many people in these areas have no hope of receiving medical treatment, either because the medical infrastructure is not there or because it is only accessible to the few who can afford it. Mercy Ships does something remarkable by

MAN Diesel & Turbo SE

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providing free assistance on its hospital ship in these very areas. We are delighted to support this vital initiative with our own diesel engines. It's important to us to fulfil our social responsibility even in economically difficult times," says Klaus Stahlmann, CEO of MAN Diesel & Turbo SE.

Don Stephens, founder and president of Mercy Ships, welcomed the donation: "We are delighted that MAN wants to support our work with the underprivileged in Africa. Thanks to this partnership and the new diesel generators from MAN Diesel & Turbo, Mercy Ships will be able to reduce its fuel consumption and CO₂ emissions by 20% and also cut annual fuel costs substantially. The money we save will be used for the direct benefit of patients on board the *Africa Mercy*."

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 47 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 pressure levels 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 also 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 12,500 staff at over 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, Italy, India and China. MAN Diesel & Turbo is a company of the Power Engineering business area of MAN SE which is listed on the DAX share index of the 30 leading companies in Germany.

About Mercy Ships

Mercy Ships uses hospital ships to deliver free, world-class health care services to those without access in the developing world. Founded in 1978 by Don and Deyon Stephens, Mercy Ships has worked in more than 70 countries, providing services valued at more than \$748 million, directly impacting more than 2.16 million beneficiaries. More than 1200 crew worldwide, representing more than 40 nations are joined each year by 2000 short-term volunteers. Professionals including surgeons, dentists, nurses, health care trainers, teachers, cooks, seamen, engineers, and agriculturalists donate their time and skills to the effort. For more information or to make a donation, click on www.mercyships.org.

Mercy Ships

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