



Facts and figures

## **MAN Diesel & Turbo at a glance**

### **Key performance indicators (2010)**

Sales: € 3.8 billion

Operating result: € 439 million

ROS: 11.7%

Order intake: € 3.5 billion

Order backlog: € 3.8 billion

Headcount (including subcontracted employees): 12 455

### **MAN Diesel & Turbo SE**

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### **Group Communications**

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### **Chairman of the Supervisory Board**

Dr. Georg Pachta-Reyhofen

Spokesman of the Executive Board of MAN SE

Munich

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### **Members of the Executive Board of MAN Diesel & Turbo SE**

Dr. Hans-O. Jeske

(Acting CEO)

CTO, Turbomachinery

Dr. Peter Park

CFO

Dr. Stephan Timmermann

Engines & Marine Systems, Power Plants, MAN PrimeServ

### **Products and services of MAN Diesel & Turbo**

#### Engines & Marine Systems

- Diesel engines for marine applications in all performance classes from 450 kW to 87,000 kW
- Diesel GenSets from 450 kW to 11,200 kW
- Complete marine propulsion systems
- Dual-fuel engines



### Turbomachinery

- Axial/radial compressors, gear-type, isothermal and screw compressors
- Up to 1,000 bar outlet pressure and volume flows of up to 1.5 million m<sup>3</sup>/hour
- Gas turbines up to 50 MW, steam turbines up to 150 MW output
- Complete turbomachinery trains including drive/auxiliary equipment, e.g. for the oil and gas industry, process industry and for power generation

### Power Plants

- Two- and four-stroke engines from 450 kW to 80 MW for power generation
- Excellent fuel flexibility: heavy fuel oil, diesel, bio-fuel and gas
- Combined heat and power plants
- Turnkey power plants
- Scalable, modular concepts
- Operation and maintenance (MAN PowerManagement)

### MAN PrimeServ

- Global spare parts provision and repair with own crew
- Online diagnosis of machinery and engines
- Conversions, status analysis, performance adjustments, machinery relocation
- Training for customers and operators in MAN's own academies



### **Market position:**

#### Engines & Marine Systems

- World market leader for the propulsion of seafaring vessels with a market share of around 50 per cent
- World market leader for two-stroke diesel engines for seafaring vessels with a market share of over 80 per cent
- World market leader for medium-speed, four-stroke propulsion engines
- Second on the global market as a supplier of medium-speed diesel engines for stationary base load power plants
- Second on the global market as a supplier of exhaust turbochargers for two-stroke and medium-speed four-stroke diesel engines

#### Turbomachinery

- In the field of turbomachinery, MAN Diesel & Turbo is one of the world's three largest manufacturers of compressors, gas and steam turbines and complete turbomachinery trains.

### **Company locations:**

- Augsburg: Company headquarters, development and production of four-stroke large-bore diesel engines and turbochargers; around 3,300 employees
- Oberhausen: development, production and servicing of compressors, gas and steam turbines, around 1,800 employees
- Berlin: development, production and servicing of compressors, around 500 employees



- Hamburg: development, production and servicing of steam turbines, around 280 employees, services for diesel engines, around 300 employees
- Deggendorf: development, production and servicing of chemical reactors and large equipment, around 300 employees
- Copenhagen (Denmark): development of two-stroke, large-bore diesel engines, production of spare parts and after-sales services for two-stroke engines, around 1,200 employees
- Frederikshavn (Denmark): production of entire drive systems, CP propellers, after-sales service, around 490 employees
- Holeby (Denmark): development and sales of GenSets, support of licensees, around 200 employees
- Saint-Nazaire (France): production of four-stroke engines and after-sales services for diesel engines, around 600 employees
- Zurich (Switzerland): development, production and servicing of compressors, around 850 employees
- Velká Bíteš (Czech Republic): development, production and servicing of turbochargers, around 170 employees
- Changzhou (China): production and servicing of compressors, turbochargers and gear components (RENK), around 200 employees
- Aurangabad (India): production, development and servicing of four-stroke engines, around 230 employees

**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 m<sup>3</sup>/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 12,500 staff at more than 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.