

Wismar, Germany: high-level technology from the Baltic Sea

LARGE DIMENSIONS

The Wismar SCHOTTEL subsidiary specializes in the development and production of particularly large propulsion systems (see p. 13). In a production and storage area of 15,000 square metres, propulsion units for extra powerful vessels are manufactured. Even though the site is experienced with large dimensions, each machine is impressive in its size like these customer specific versions.

PROFILE

SCHOTTEL RUDDERPROPELLER TYPE SRP 610

Input power 3,000 kW

Propeller diameter 3.3 m

Characteristics: a total of four of these electrically driven rudder propellers form the main propulsion system of a crane vessel. For over 70 years, the rudder propeller has been covering numerous configuration options and can thus be installed for a wide range of ship designs and areas of application.



PROFILE

SCHOTTEL RUDDERPROPELLER TYPE SRP 710

Input power 3,700 kW

Propeller diameter 3.4 m

Characteristics: with input powers of up to 3,750 kW and propeller diameters of up to 3.6 metres, the SRP 710 is one of the larger rudder propellers in the SCHOTTEL portfolio. Two of the rudder propellers shown here for a salvage tug achieve a bollard pull of over 120 tonnes.

PROFILE

SCHOTTEL RETRACTABLE RUDDERPROPELLER TYPE SRP 610 R

Input power 3,250 kW

Propeller diameter 3.0 m

Characteristics: the retractable unit is equipped with a propeller shaft inclined downwards by 8 degrees to reduce interactions between the propulsion units as well as between the units and the hull, and to increase propulsion efficiency. When retracted, the SRP-R functions as a fully 360-degree steerable propulsion unit. It is based on proven rudder propeller technology.