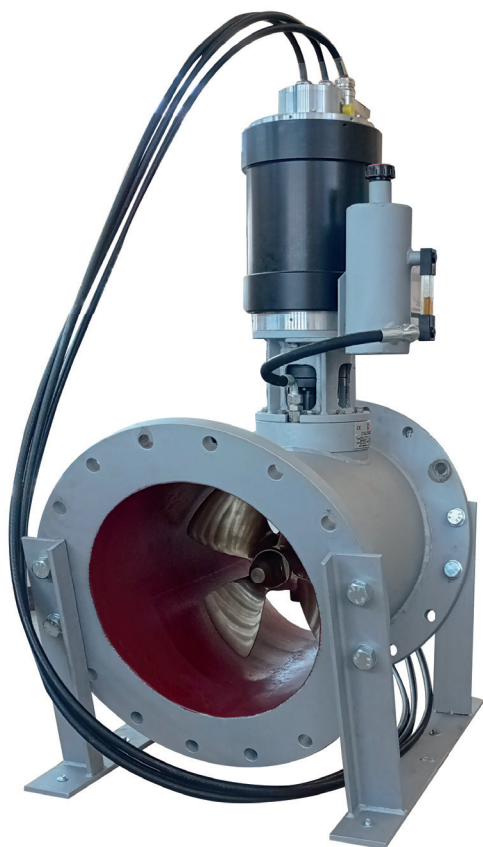


# ELECTRICAL BOW THRUSTER

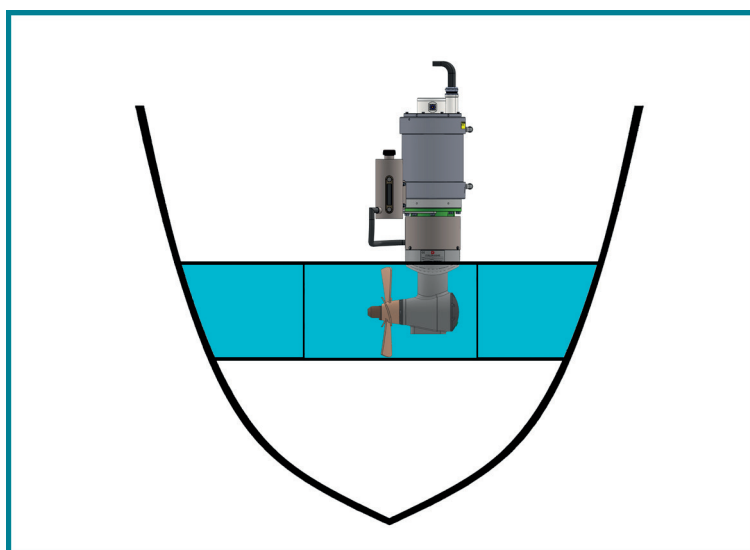
## GPE SERIES

**ITD**  
**PROPULSION**



**ITD**  
**ITALDRAGHE**  
GROUP

ITALDRAGHE with its 50-year experience in design and manufacturing of propulsion systems has launched the new ITD PROPULSION division fully dedicated not only to traditional hydraulic bow thrusters but also to a brand new ECO-GREEN PROPULSION LINE including electrical bow thrusters suitable for a wide range of vessels, aimed at satisfying the fast-changing market demands especially in terms of efficiency, zero-emissions, sustainability and reliability.



- √ Wide performance range from 25kW to 500kW.
- √ Applicable on all types of vessels
- √ Low in maintenance for highest availability
- √ Providing maximum manoeuvrability
- √ Possible installation both with horizontal or vertical motor flange depending on working conditions
- √ Extremely low-noise system

GPE – Electrical bow thruster:

Model	Unit	GPE 25	GPE 75	GPE 100	GPE 200	GPE 300	GPE 400
*Power	Kw	25	75	100	200	260	500
Input speed	rpm	3000	3000	3000	3000	2300	2200
**Propeller diameter	mm	320	550	660	850	960	1300

\*Rating subject to classification and application

\*\*Diameters may vary depending on particular applications

### MAIN CHARACTERISTICS - BENEFITS

- Powered by electric motor
- Highest efficiency and reliability
- Maximum manoeuvrability
- Able to reach maximum thrust in a very short time
- Tailored configuration – in order to obtain the maximum thrust italdraghe bow thruster design can be adapted to vessels of different architectures
- Compatible with any type of vessels
- Zero-emission
- Reduced installation space
- Low cost operation
- Self-contained propulsion package
- Fast installation
- Manufactured in accordance with RINA [italian Naval Registry]
- Management quality systems are accredited to ISO9001:2015
- Provided with lubrication system, watertight seals and compensation tank
- Easy maintenance - routine maintenance can be carried out from inside the vessel
- Spare parts available from stock
- It can be connected either horizontally or vertically and thus incorporated optimally into the naval architectural design



TUNNEL THRUSTER



REMOVABLE TUNNEL THRUSTER

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