

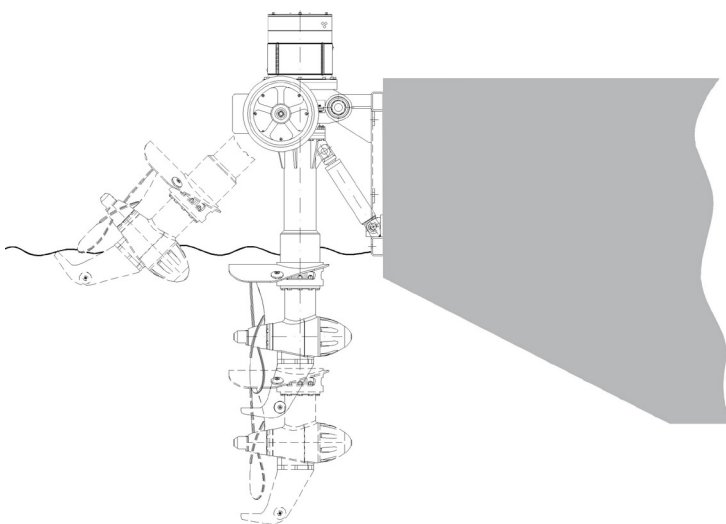
# Electrical Rudder Propeller

**GPE**

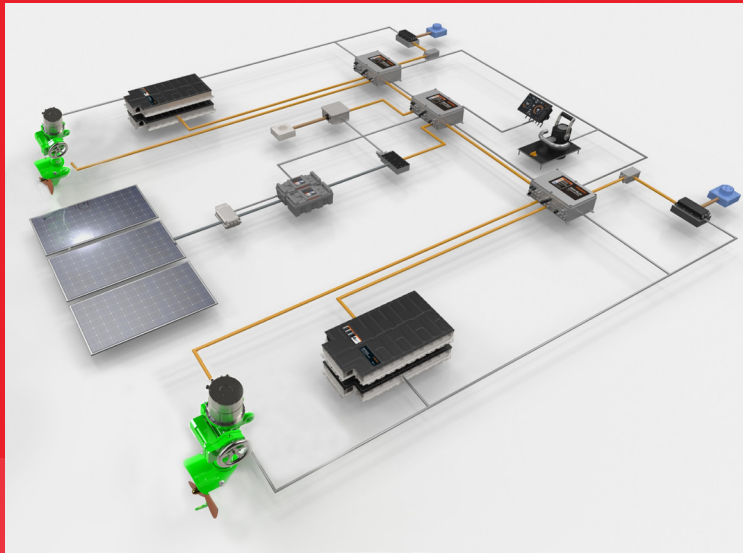
**ITALDRAGHE**  
DREDGING AND PUMPING SOLUTIONS  
*Powered by*  
**TORQUEEDO**



Italdraghe - Torqueedo electrical rudder propeller is a new product born from the partnership between Italdraghe and Torqueedo. This unit has been developed to be an outboard, retractable electric propulsion system for commercial vessels in inland and urban waterways. The system combines Italdraghe's steerable azimuth thrusters, which have been extensively tested and proven over the years since brought to market, and Torqueedo's Deep Blue high-voltage electric power system. This electric rudder propeller is designed to provide emission-free power and directional thrust ideal for manoeuvring on environmentally sensitive waterways.



- ✓ Applicable on all types of commercial vessels and working boats in inland and urban waterways
- ✓ Professional azimuth thruster including permanent magnet synchronous motor
- ✓ Low in maintenance for highest availability
- ✓ 360 degree rotatable: ideal for maneuvering on inland waterways



Model	Unit	GPE 50	GPE 100
Continuous power*	Kw	50	100
Max power *	Kw	65	120
Input speed	rpm	3000	3000
Propeller diameter**	mm	550	860
Steering range	—	360°	360°
Torque	Nm	446	955
Motor type DC	—	Brushless	Brushless

\*Rating subject to classification and application

\*\*Diameters may vary depending on particular applications



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