

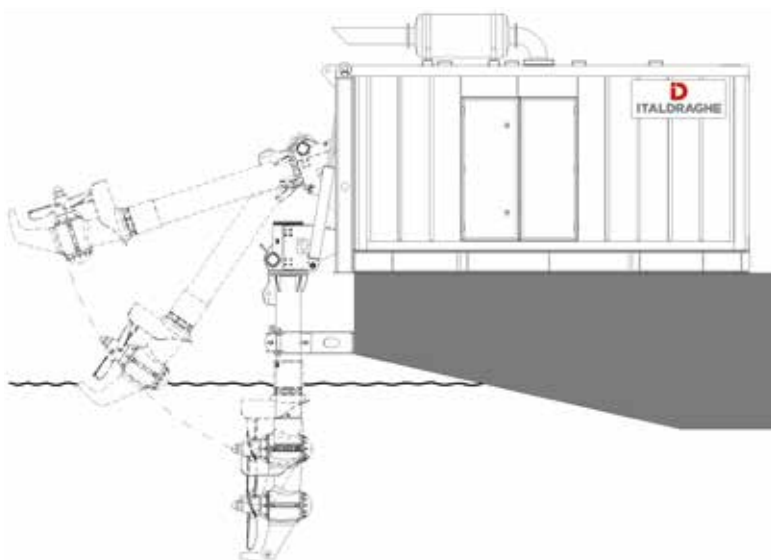
Rudder Propeller

GP

ITALDRAGHE
DREDGING AND PUMPING SOLUTIONS



Italdraghe rudder propellers are large scale mobile outboard plants that provide the vessel with maximum manoeuvrability. The complete assembly is mounted on a fabricated steel chassis to form a self-contained propulsion unit for bolting on deck. They are provided with remote control by wheelhouse console with multiple unit options for the manoeuvring of the rudder propeller.



QUALITY

Italdraghe masters the production of high-quality products thanks to a deep know-how and expertise of the dredging industry developed over a more than 60 years' experience in the sector.

EFFICIENCY

Italdraghe rudder propellers offer the benefit of a combined propulsion and steering system. Equipped with immersion regulation, Italdraghe rudder propellers allow the boat to work on shallow water.

EASY MAINTENANCE

Thanks to their trim system, the position of the rudder propeller can be adjusted according to vessel load and water depth while its hydraulic jack means that it can be easily raised out of the water for routine inspection and maintenance without the need of taking the vessel out of the water.



GPI - Hydraulic type

Model	Unit	GPI 040	GPI 075	GPI 100	GPI 200	GPI 300	GPI400	GPI500
Max power*	Kw	20-30	40-80	90-130	135-200	300-370	380-450	400-500
Input speed	rpm	2500-3000	3000-3600	3000-3600	2800-3600	2200-2750	2200-2750	2000-2240
Propeller diameter**	mm	250-300	350-600	700-850	850-1050	1000-1200	1200-1300	1250-1400
Steering range	—	40°+40°	40°+40°	40°+40°	40°+40°	40°+40°	40°+40°	40°+40°
Steering range	—	360°	360°	360°	360°	360°	360°	360°

*Rating subject to classification and application

**Diameters may vary depending on particular applications



GPM - Mechanical type

Model	Unit	GPM 100	GPM 200	GPM 300	GPM 400	GPM 500
Max power*	Kw	90-120	130-195	200-280	300-370	440-500
Input speed	rpm	1900-2300	1900-2300	1800-2000	1800-2300	1800-2100
Propeller diameter**	mm	650-800	700-900	960-1050	1000-1200	1200-1300
Steering range	—	360°	360°	360°	360°	360°

*Rating subject to classification and application

**Diameters may vary depending on particular applications



GPE - Electrical type

Model	Unit	GPE 075
Max power*	Kw	50
Input speed	rpm	3000
Propeller diameter**	mm	550
Steering range	—	40°+40°
Steering range	—	360°
Motor type	—	Brushles

*Rating subject to classification and application

**Diameters may vary depending on particular applications

MAIN CHARACTERISTICS – BENEFITS

- Powered by:
 - Hydraulic motor
 - Diesel engine
 - Electric motor
- Highest efficiency
- Maximum manoeuvrability
- Reduced installation space
- Low cost operation
- Self-contained propulsion package
- Fast installation
- Compatible with any type of watercraft
- High reliability
- Easy maintenance
- Spare parts available from stock
- Management quality systems are accredited to ISO 9001:2015



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