



Transmission & Propulsion Solutions For Fishing Vessels

Marine transmission manufacturer since 1908, **Masson Marine** has extended its **product portfolio** and its skills from the early 2000's to become a supplier of complete propulsion packages:

- Reduction gearboxes, reversing or non-reversing, for engine powers from 300 kW to 5.000 kW, in offset or coaxial versions
- Controllable pitch propellers and fixed pitch propellers with diameters up to 5 m
- External or integrated propeller shaft brake
- Trailing pumps, elastic couplings, etc.
- Trolling valve



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Fishing applications

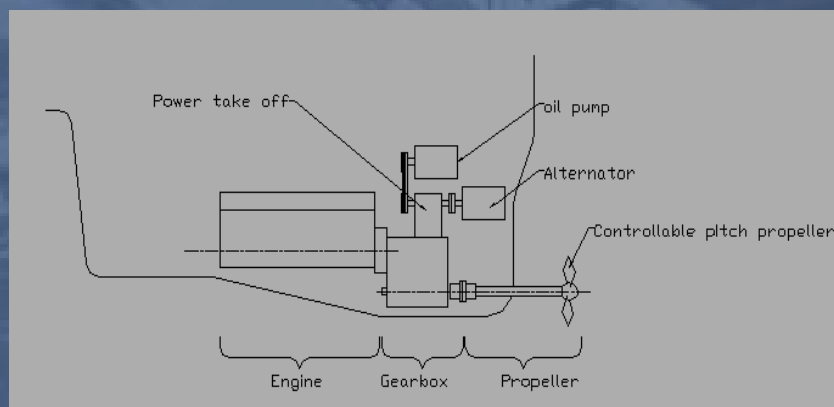
Main types of boats equipped:

- Gillnetters
- Trawlers
- Longliners
- Seiners
- Troller boats

More than 500 fishing vessels are equipped with Masson Gearbox +propeller packages (propellers previously branded by Renou Dardel / France Hélices)

Masson's strengths and benefits

- **Power Take Off (PTO) :**
It allows training winches, alternators, pumps and other accessories, and can be equipped with live or clutchable outputs (up to 10 outputs).
- **Controlable Pitch Propeller :**
When engine speed is constant, a controllable pitch propeller reduces the power consumed by the boat's propulsion. Power remaining available can then be dedicated to PTO driving pumps, alternators and other accessories.



A one-stop shop

Masson Marine is a partner for the whole transmission & propulsion package:

- Solutions based on standard products, a rich range of options and specific design if required
- Services of engineering, hydrodynamics, noise & vibration analysis, commissioning, maintenance
- An integrated workshop: design, heat treatment, machining, assembly and tests in a single location

ISO 9001 certified, Masson Marine has a strong experience with most of IACS classification societies (BV, ABS, GL, LRS, RINA, etc) and with main leading engine makers (Caterpillar, Cummins, Wärtsilä, MTU, Mitsubishi, ABC, Deutz, etc.).

A long term support

Masson Marine's references include more than 27000 gearboxes and 1000 propellers delivered during the last 40 years, most of them still in operation.

On top of its know-how and experience, the group has reinforced its staff and skills since 2005 in order to better address the services of maintenance in operational conditions in the fields of transmission and propulsion: maintenance, vibration and noise analysis, overhauling, repowering.

A few of our references

Lazalai, 25m, Trawler built by Armement Porcher
MM W7200 NR Non-reversing gearbox with PTO type 2
804 Controllable Pitch Propeller Ø 2190 mm (in nozzle)
Power : 3512 B / 1000 hp-1200 rpm (Caterpillar)



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Saint André, 55m , Longliner built by Chantiers Piriou
MMW20 000 NR Non-reversing gearbox
MMS780 Controllable Pitch Propeller Ø 2600 mm
1C Ice Class
Electric Propulsion / Power 2x700kw-1500 rpm



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Contact :

MASSON MARINE SAS

5, rue Henri Cavallier 89100 Saint Denis les Sens, France

Tel : +33 (0)3 86 95 62 00; Fax : +33 (0)3 86 95 13 78

www.masson-marine.com

contact@masson-marine.com