



# HYDRO-ARMOR

Hydromechanical plant manufacture

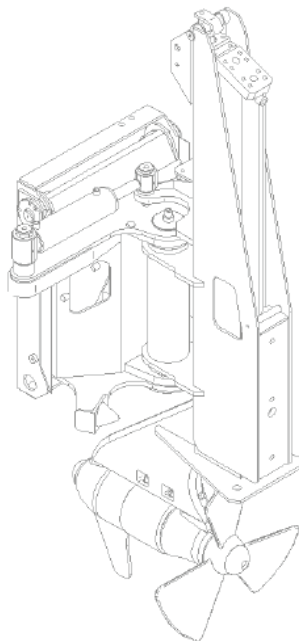
Robust equipment, easy to maintain and with exceptional manoeuvrability.

- Highly energy-efficient hydrostatic transmissions, which permit reversal of screw movement under full load - very suitable for frequent changes in direction of operation.

- Variation in screw immersion depth depending on depth to bottom.

- Very wide range of lift travel: thermal engines and plant can be placed anywhere on the boat.

## HYDRO ARMOR RETRACTABLE RUDDER PROPELLERS



### ADAPTABLE

- The basic concept can easily be adapted to a wide variety of uses: public works, service ferries, dredges, oyster farm pontoons, mussel farming barges, amphibious barges, passenger ferries and ships, depolluting machinery, etc.

- Possibility of adapting engine type according to customer requirements.

### RANGE

- The Hydro-Armor power plant range covers 30 to 500 kW.

- The power units are supplied in modular models to be assembled on site, or in compact ready-to-use models which are tested an run-in before delivery.

- Stem power units may be supplied directly built into a tube to be welded onto the vessel.

### ECONOMICAL

- Modest maintenance costs.

### SAFE

- Transmissions very effectively protected by valves generally tolerating accidental screw jamming.

### RELIABLE

- Highly reliable as a result of the systematic elimination of unnecessary sophisticated features, and the particular generous sizing of components.

Hydro-Armor power units are used in various sectors of sea and river works where only hydraulic transmissions truly permit easy and original installations.



Equipment designed and built in France

WTSV Technologies is the proud distributor of "HYDRO ARMOR" Products in México and Speedy Marine Supply LLC representative.

The brand "HYDRO ARMOR" offers the best propulsion solutions in the market.

Come with us, we have the a solution for you.



### CONTACT US

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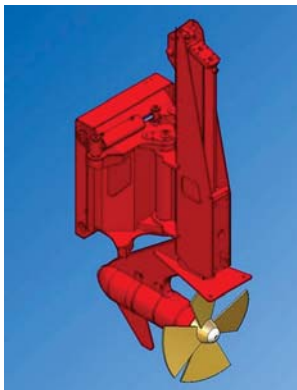


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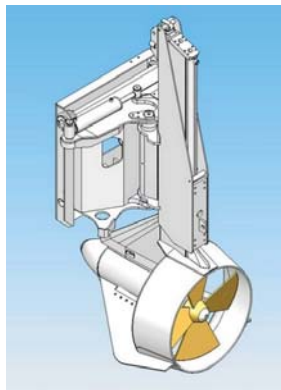
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## RETRACTABLE RUDDER PROPELLERS

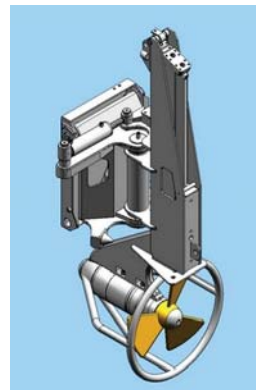
All units come with break-away safety torque pins, no gears inside to break, Safety valves on propeller speed and lifting system.



Basic Retractable Rudder Propeller



Retractable Unit With Nozzel

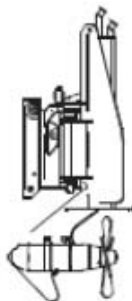


Retractable Unit With Propeller Protection

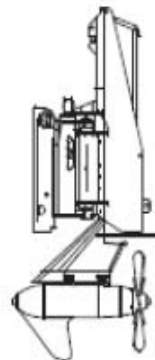
**Type 800R**  
88 hp @  
2300 rpm



**Type 2000R**  
288 hp @  
2300 rpm



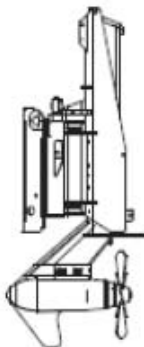
**Type 2700R**  
389 hp @  
2100 rpm



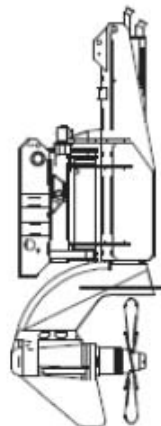
**Type 950R**  
168 hp @  
2400 rpm



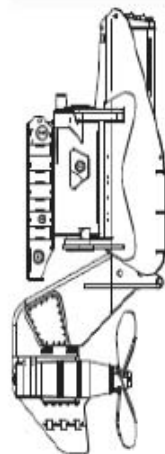
**Type 2400R**  
368 hp @  
2200 rpm



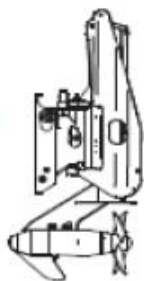
**Type 4000R**  
429 hp @  
1800 rpm



**Type 4500R**  
536 hp @  
1800 rpm



**Type 1700R**  
212 hp @  
2300 rpm



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## BASIC RUDDER PROPELLER



HYDRO ARMOR  
MARINE  
EQUIPMENT  
BUILT AND  
PROVEN FOR  
OVER 42 YEARS  
WORLDWIDE

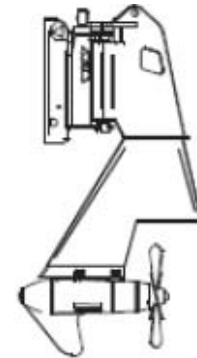
**Type 800B**  
88 hp @  
2300 rpm



**Type 2000B**  
288 hp @  
2300 rpm



**Type 2700B**  
388 hp @  
2100 rpm



**Type 950B**  
168 hp @  
2400 rpm



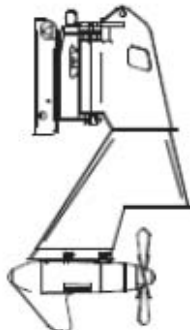
**Type 4500B**  
536 hp @  
1800 rpm



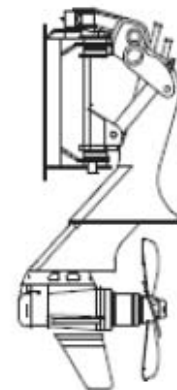
**Type 1700B**  
212 hp @  
2300 rpm



**Type 2400B**  
368 hp @  
2200 rpm



**Type 4000B**  
429 hp @  
1800 rpm



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