

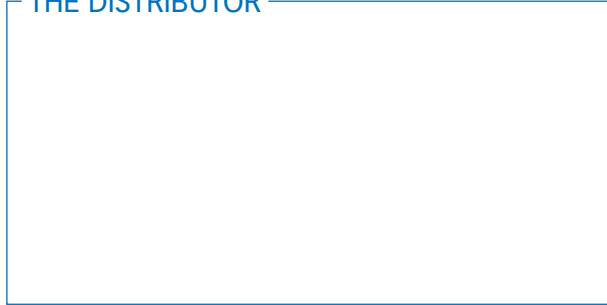


THE TECHNICAL SPECS

| Model | Power (kW) | Thrust (kgf) | Voltage (V) | Rec. boat size (m) | Rec. boat size (ft.) |
|-------------|------------|--------------|-------------|--------------------|----------------------|
| EXTURN 130 | 1,3 | 25 | 12 | 6 - 8 | 19 - 26 |
| EXTURN 180 | 1,8 | 40 | 12 | 8 - 10 | 26 - 33 |
| EXTURN 230 | 2,3 | 53 | 24 | 9,5 - 12 | 31 - 40 |
| EXTURN 300 | 3,0 | 67 | 24 | 11 - 14 | 36 - 46 |
| EXTURN 400* | 4,0 | 85 | 12 | 13,5 - 17 | 44 - 56 |
| EXTURN 600* | 6,0 | 120 | 24 | 16 - 20 | 52 - 66 |

* Duplex version

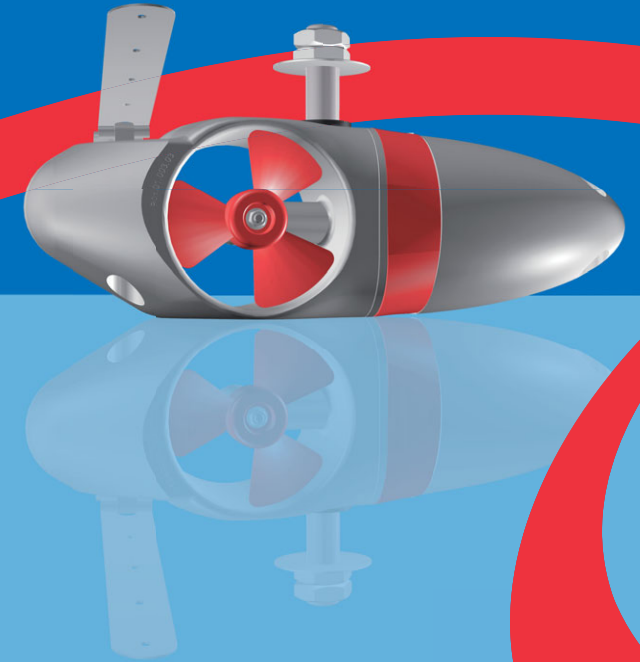
THE DISTRIBUTOR



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EXTURN[®]
 THE EXTERNAL BOW AND
 STERN THRUSTER



EXTURN®

THE EXTERNAL BOW AND STERN THRUSTER

THE ADVANTAGES

The unique MARINNO bow and stern thruster technology EXTURN offers boat owners significant advantages:

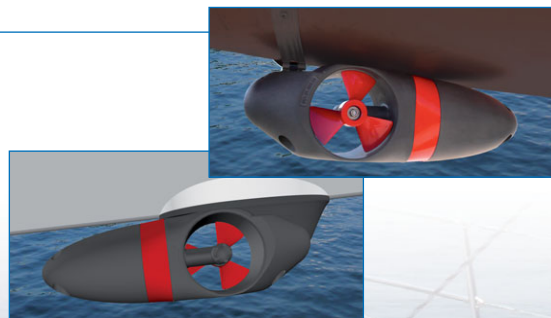
- **minimum assembly work** due to external installation
- suitable for **nearly any boat type and hull shape**
- **flexible positioning on any place of the hull (bow, stern)**
- **after-sales mounting** without installation of a transverse tunnel
- **no space required** in the boat interior
- **optimal efficiency** due to ideal positioning
- **longer runtime** due to water cooling
- **mounting within a day** due to no GRP drying period
- **minimal noise emission**
- also ideal for **wooden boats and houseboats**
- **3 year full guarantee**



THE MOUNTING

The EXTURN bow and stern thruster is mounted outside of the hull, ideally (optimal rotation angle and efficiency) on the outermost position of the boat's bow or stern. It is mounted by one threaded bolt which is designed as a hollow shaft and serves as the cable run. This bolt is supplied with a special pressure-tight sealing which closes the drilled hole automatically and permanently.

An included mounting kit gives EXTURN the required stability, prevents twisting and guarantees simple and fast mounting on any boat type. Due to no GRP work (no drying periods!) EXTURN can be mounted within one day.



THE DETAILS

- Length: 55 cm / 98 cm (Duplex)
- Weight: 19 kg / 35 kg (Duplex)
- Diameter: 16,5 x 16,5 cm
- control via touch panel, joystick or remote control
- seawater-resistant aluminium housing
- absolutely maintenance-free



THE MOUNTING VARIANTS

Due to its unique flexibility EXTURN is mountable on any position of the hull and can therefore be used as bow and stern thruster respectively:

