

A large, industrial-grade Schraven deck-mounted thruster is the central focus of the image. The thruster is painted a vibrant orange, contrasting with the grey metal structure of the ship's deck. It features a white cylindrical nozzle at the top and a complex arrangement of pipes and mechanical components. The Schraven logo and website address, www.schravenbv.com, are visible on the side of the thruster. The background shows the ship's deck with various railings, stairs, and other equipment, all in shades of grey and orange. The overall scene is well-lit, highlighting the metallic textures and the industrial nature of the equipment.

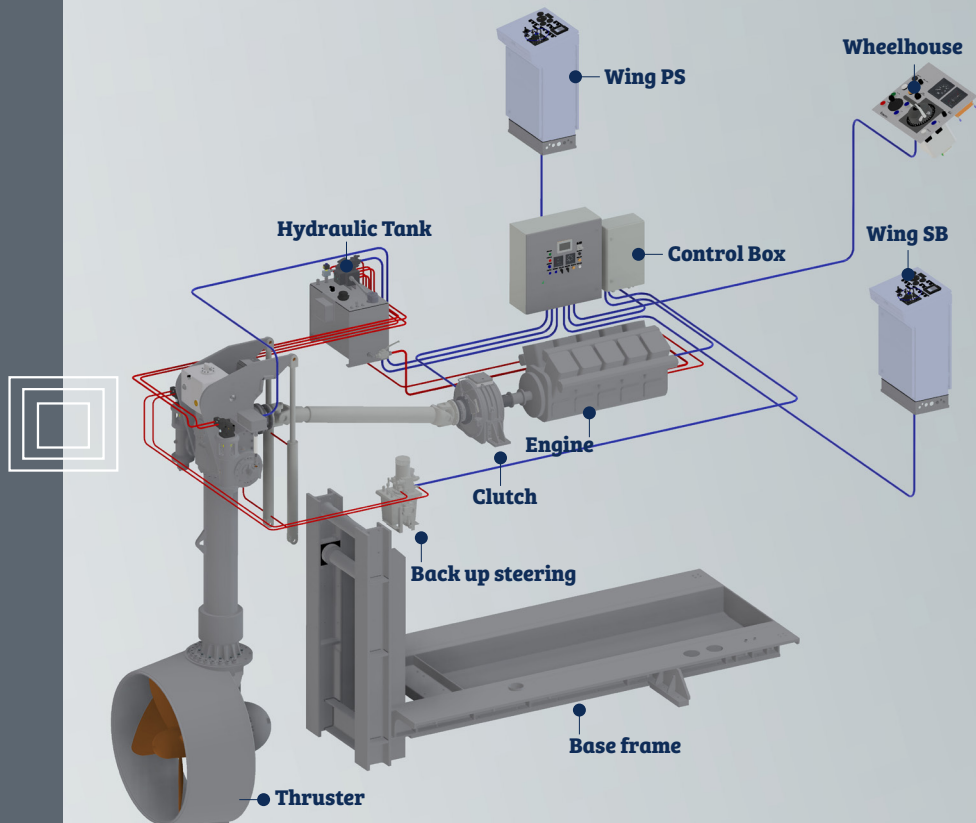
Schraven Deck mounted thruster

**Flexibility and
manoeuvrability**

If your vessel is not equipped with a suitable engine room, then a Deck mounted thruster may provide an interesting solution.

Deck mounted thruster

The Deck mounted thruster is a reliable and compact propulsion system suitable for use on a very wide range of vessels. In principle, the Deck mounted thruster is a large scale outboard plant which, in combination with the thruster, makes the vessel 360 degrees manoeuvrable. Schraven is specialized in the development and in-house producing of 100% custom-built Deck mounted thrusters for thrusters. The Deck mounted thruster can be driven electrically or by a diesel engine.



Depth adjustment

For maximum efficiency the propeller should be below the baseline of the vessel, but when the vessel sails in shallow water there are limitations for positioning the propeller. A thruster which is adjustable in height may be the answer. The arrangement for the depth adjustment equipment which serve for carrying the thruster is welded to the base frame. Depth adjustment is arranged by hydraulic cylinders to move the complete thruster up and down.

Installation

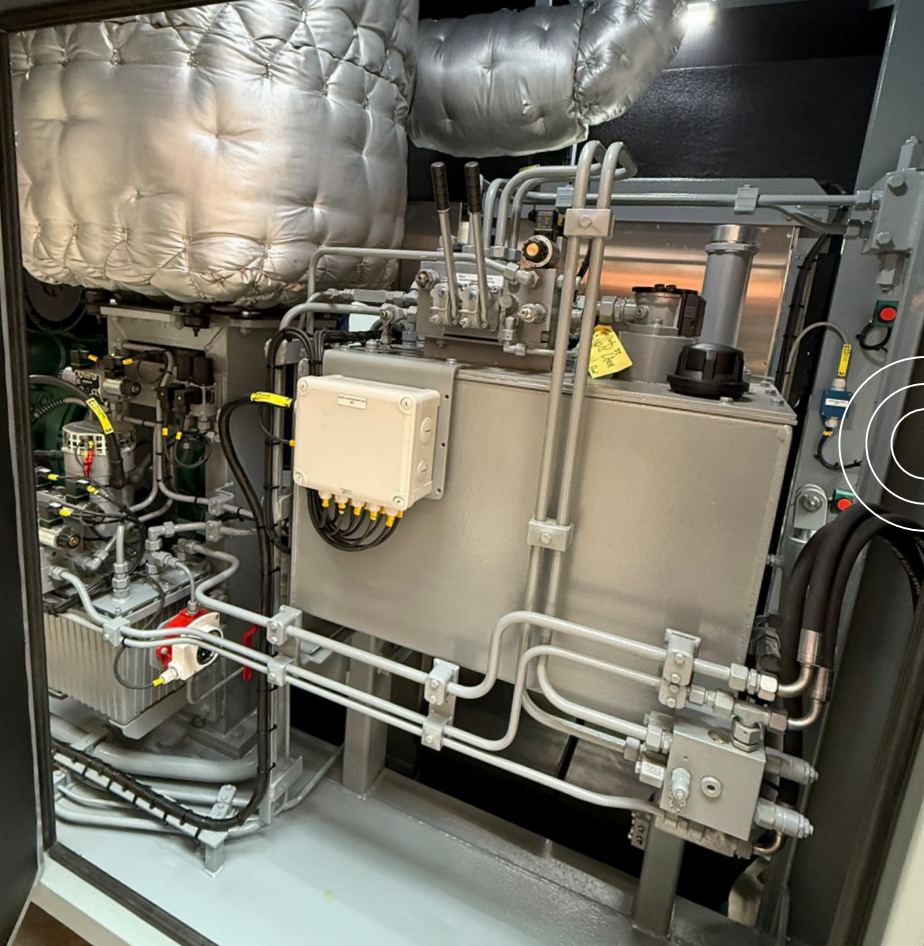
Installation is quick and easy, because the Deck mounted thruster is equipped with a contra foundation, which can be welded on a flat deck right away. So it is quite easy to motorise different types of floating objects such as vessels, ferries, pontoons, split or Jack-up barges and many more applications.



**Wasa Dredging
Oy, Sinann &
Boann**



**Hebo Maritiem
Service B.V.,
Hebo Lift 9**



Characteristics

- User friendly
- Custom-built
- Flexible propulsion solution
- Engine type/brand is free of choice or even self-supplied
- Schraven control system
- Robust and sleek design
- Classification by all major classification societies

Unit

A base frame supports the thruster, prime mover and provides all necessary foundations as well as suspensions for the subsystems. A canopy is mounted on top of the base frame. Screwed together, base frame and canopy forms a unit.

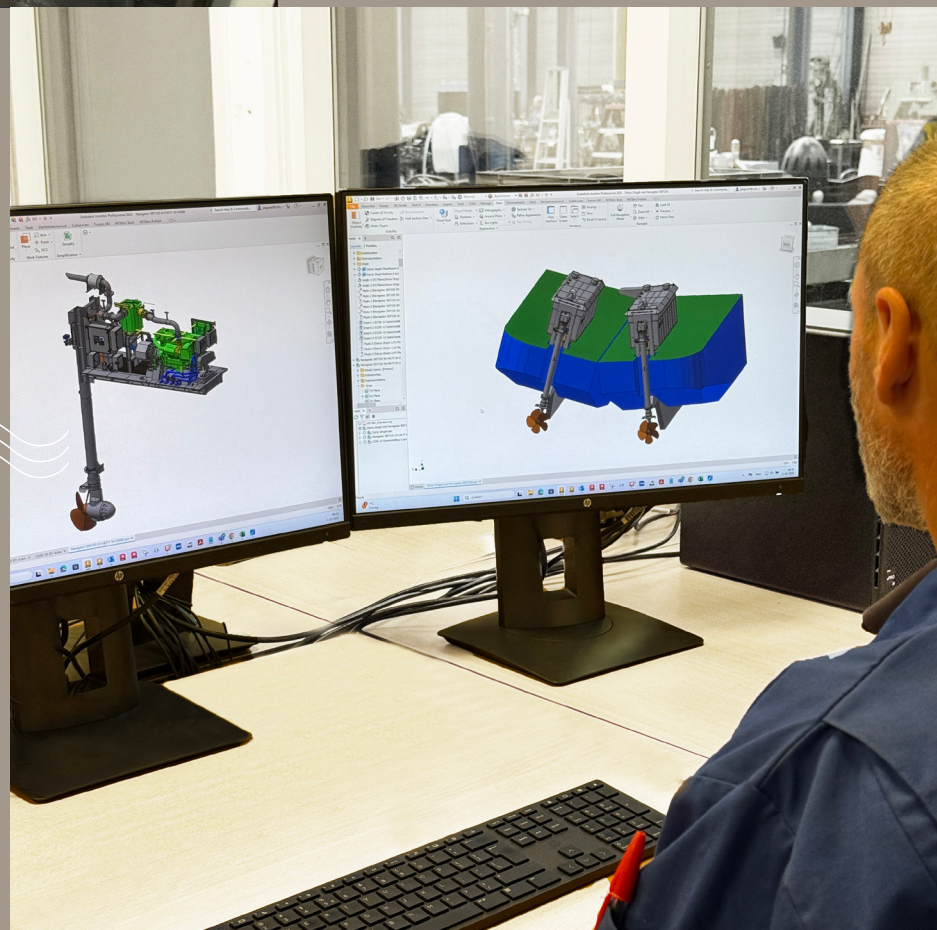
Advantages

- Compact unit
- Suitable on almost every type of vessel
- Simple installation (deck installation)
- Easy access for maintenance work
- 360° manoeuvrability
- Available in various power ranges

Schraven has years of experience in building Deck mounted thrusters for various types of thrusters. Our engineering and R&D departments are particularly well suited for this type of projects. In order to come to a specific project design, both the propulsion and control system as well as the accompanying preconditions for the design are taken into account.

These projects include the entire process, such as; engineering, production and the commissioning on site.

Please ask us for possibilities.



**Van Oord Ship
Management B.V.,
Jetset**



**OHF Hafen-
und Flussbau
GmbH,
OHF 279**



**Schraven is a family company for more than 45 years
that offers worldwide:**

- ✿ CUSTOM-BUILT DECK MOUNTED THRUSTERS
- ✿ CUSTOM-BUILT STEERING SYSTEMS
- ✿ SERVICE OF ALL AZIMUTH THRUSTERS
- ✿ SERVICE OF ALL BOW-THRUSTERS
- ✿ SUPPLY OF SPARE PARTS

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