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MANOEUVRING

# V-DOCKER

MANOEUVRING WITHOUT A WHEEL



VETUS is proud to present the V-DOCKER:

- **Unrivalled ease of installation**
- **Enables both lateral and diagonal movement**
- **Pressure-sensitive joystick for precise docking**
- **Sail-by-wire as it replaces the mechanical engine control**
- **Optimal cooperation between thrusters and engine**
- **Controls engine, bow and stern thruster**
- **Very 'neighbour' friendly**



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## V-DOCKER JOYSTICK

- Unrivalled ease of installation
- Competitively priced compared to other alternatives on the market
- Pressure-sensitive joystick for precise operating
- Works with one engine, and a combination of bow and stern thruster
- Multiple helm stations are easily connected
- Suitable for retrofit

The Creator of Boat Systems enhances your boat control yet again! Introducing the V-DOCKER docking system.

Running a boat is meant to be pure pleasure, with the scent of the outdoors and the control to choose your own direction. Why not experience the same pleasure when docking in the marina? No more stressful situations as the intuitive operation of the joystick from this V-DOCKER lets you dock like a true professional in any situation.

The V-DOCKER works with a single (mechanically controlled) engine and a combination of a bow and stern thruster. Only this combination ensures an optimal use of the generated forces, giving you the power exactly where you need it! Where other systems make use of opposing forces situated at the stern of the boat, the VETUS system just needs a nudge of the thruster to tip the bow in the right direction. Direct forces, just plain and easy point and go! No fuss, no headache - in fact your fellow boaters will be just as pleased as you are.



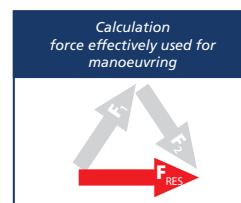
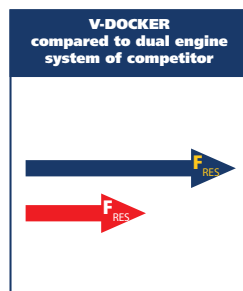
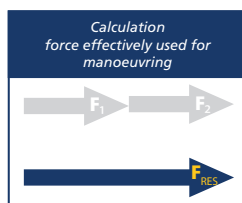
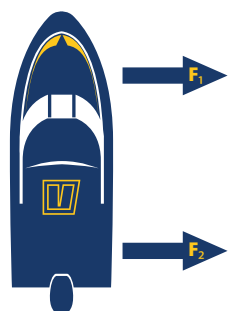
## For inch-perfect manoeuvring without rocking the boats around you

- In-house designed by VETUS
- Seamless integration in your boat controls
- Sail-by-wire / replaces the throttle control for easy operating
- Certified system

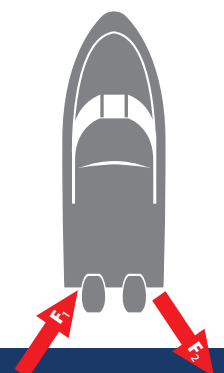
Because of the precise cooperation between thrusters and engine, drifting will be a thing of the past. Unlike expensive systems that claim to work without thrusters, the V-DOCKER system evenly distributes the forces over the front and rear of the boat. Manoeuvring your boat in a tight spot has never been easier. The subtle black styling of the joystick allows retrofitting on existing vessels, as it will match your other controls perfectly. This sail-by-wire system replaces your mechanically controlled throttle lever, enabling single-handed boat control! It works with both inboard and outboard engines and will be available in two different kits: one kit for those with regular bow thrusters, one kit for the those with retractable thrusters. Thrusters need to be ordered separately. The V-DOCKER has an IP65 rating and complies with: EN60529:1991+A1:2000+A3:2013, ISO25197:2012, ISO964/IEC61000-4-8, IEC 60533:1999, EN61000-4-6:2009/4-3:2006 and EN61000-4-4:2004.

## V-DOCKER compared to..

The V-DOCKER maximises efficiency by utilizing both bow and stern thruster. The cumulative amount of force generated enables the captain to place the boat precisely without the burden of rotational force, minimizing the creation of waves during the process. The alternative of our competitors using two main engines, does not have this advantage. The generated forces work in opposite direction, effectively generating less effective force to manoeuvre eliciting rotational force when used.



Competitor with dual engine system





### Suitable for

#### Mechanical throttle control

Single engine

	Outboard no thrusters	Outboard 1 thruster	Outboard 2 thrusters	Inboard no thrusters	Inboard 1 thruster	Inboard 2 thrusters
V-DOCKER KIT	-	-	✓	-	-	✓
V-DOCKER RETRACTABLE KIT	-	-	✓	-	-	✓
V-DOCKER BOW KIT +1 THRUSTER	-	✓	-	-	✓	-
V-DOCKER RETRACTABLE KIT +1 THRUSTER	-	✓	-	-	✓	-
V-DOCKER BOW KIT +2 THRUSTERS	✓	-	-	✓	-	-
V-DOCKER RETRACTABLE KIT +2 THRUSTERS	✓	-	-	✓	-	-

## V-DOCKER BOW THRUSTER kit

- Joystick (VDJOY)
- Actuator (VDACT)
- Termination plug (BPCANT)
- CAN Hub (BPCANHUB) 3x
- Security module (VDIO)
- Can interface for thrusters (BPCANIN) 2x
- Power cable (BPCABCPC)
- Standard thruster to CAN connector (BPCABSC)



## V-DOCKER RETRACTABLE THRUSTER kit

- Joystick (VDJOY)
- Actuator (VDACT)
- Termination plug (BPCANT)
- CAN Hub (BPCANHUB) 3x
- Security module (VDIO)
- Power cable (BPCABCPC)



When purchasing a V-DOCKER kit, please select one based on the thruster you have or which you are planning to use. Both kits can be extended to suit your needs, for example if more joysticks are desired. This kit needs to be complemented with our BPCABCPC cables, with the actual length depending on the size of the vessel. We strongly advise to use this cable only, as we thoroughly tested it and can guarantee you this works flawlessly.

Pictured right is an example of the V-DOCKER fully integrated on the dashboard. The black plastic exterior blends in perfectly with the existing controls, giving your dashboard that much sought after 'factory-built' appearance.



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## "The V-DOCKER simplified all difficult manoeuvres"

The first system was fitted and tested by Kristoffer Gustavsson, one of the owners of family firm from Linjett Yachts. Full of confidence his customer set sail with wife and kids, using the V-DOCKER system to navigate through the Göta Canal - Sweden's 190 km long Blue Ribbon cross the whole country and connects numerous lakes and rivers. Navigating the narrow canal with 56 locks, sailing in total 1500 nautical miles and 150 engine hours. Did the V-DOCKER pass this test? This is how he experienced the V-DOCKER:

*"After going through the Göta kanal with all the locks, I can just note that the system simplified all difficult manoeuvres and in a safe way. VETUS will easily sell thousands of this system."* said Anders Jakobsson, owner of a Linjett 43 with V-DOCKER and VETUS Swingthrusters.

The system is well approved by its current owner. But what are the thoughts from Kristoffer Gustavsson on the V-DOCKER?

*"The V-DOCKER provides easy installation as there are no push/pull cables to be routed to the steering pod, only the signal wire that connects the joystick to the actuator located in the engine compartment. It is easy to connect via the standard CAN-bus contacts that are ready on the cables. Immediately a smooth set up with the bow and stern thruster."*

*"As CAN-bus is the future that opens a lot of possibilities on board. Most important is the satisfaction from our customers when it comes to manoeuvre our boats with the help of the V-DOCKER. We will definitely continue with V-DOCKER."*

It's clear: the V-DOCKER brings smiles to both owners and builders. Easy to install, easy to operate: this system brings control to the next level.

Will you be the next person to experience all the benefits of the VETUS V-DOCKER?



Linjett 43

