

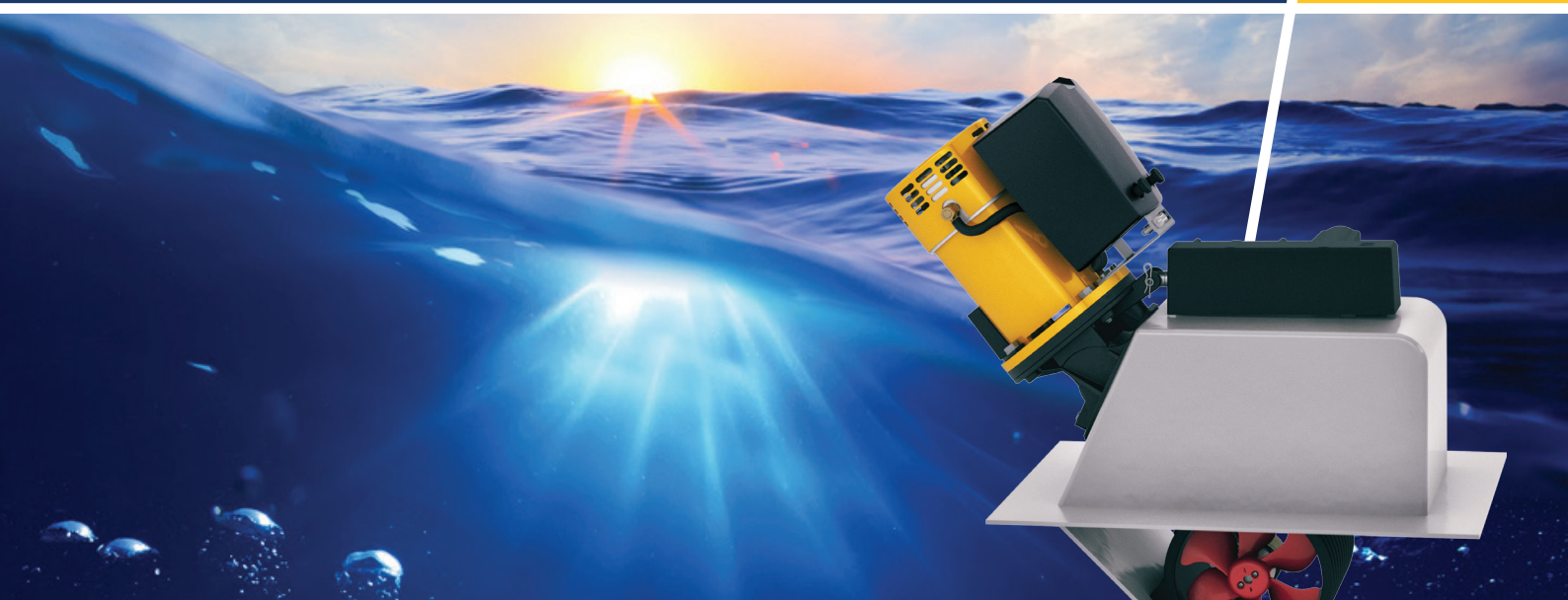
**vetus**

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MANOEUVRING SYSTEMS

RETRACTABLE BOW THRUSTER



Easy docking, no drag, less noise

One powerful Thruster!

Even for the more experienced skipper, it can be difficult to maneuver the boat in harsh wind conditions and strong currents.

With the new line of retractables from Vetus though, anyone can dock and turn a boat even in the smallest of ports!

This low drag solution will make your docking experience easier, faster and just plain more enjoyable.

A retractable thruster has the following advantages:

- Optimum forward placement in the bow, while maintaining depth for leverage by deployment
- Less noise and vibration as it not directly connected to the hull
- Optimum tunnel length with minimal losses
- Virtually no marine growth, as there is no light when thruster is in retracted and closed position
- Could be placed in the stern in (both sailing and motor) boats where it is not possible with a tunnel thruster
- Less drag as the lid is flush to the hull
- Small dimensions

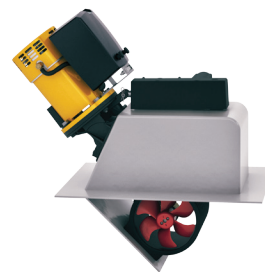
The new VETUS retractable, has some big advantages compared to other options in the market:

- Patented design (swivel point) - the thruster rotates as one unit
- Less intricate design, fewer moving parts... lightweight, simple and robust
- Optimized tunnel ergonomics: more power, less noise
- All submerged parts are non-corrosive
- Childproof safety to prevent accidental operation
- Automatic deployment and retracting
- Safety pin protection for lid overload
- Electronically prepared for communication based on CAN protocol
- Automatic retracting and switch off after 15 min
- Automatic retracting after switching of engine
- Built-in time lapse device when reversing the direction of rotation
- Fast deployment/retracting time
- Unique intelligence to prevent jamming, overload and blocking

The VETUS line of retractable bow thrusters is suitable for sail or power vessels up to 20 metres. A VETUS bow thruster panel is sold separately and the thruster is available in 150 mm, 185 mm and 250 mm tunnel (diameters).

Thrust forces: 55 kgf, 60 kgf, 75 kgf, 95 kgf, 125 kgf, 160 kgf in 12V and 24V.

RETRACTABLE SPECIFICATIONS



Type	STE5512D	STE5524D	STE6012D	STE6024D	STE7512D	STE7524D
Voltage (V)	12	24	12	24	12	24
Ignition Protection	-	-	-	-	-	-
Thrust (N/kgf)	550/55	600/60	650/65	700/70	800/80	850/85
Power (kW)	3	3	3	3	4,4	4,4
Motor, reversible D.C.	✓	✓	✓	✓	✓	✓
Tunnel diameter, internal (mm)	150	150	185	185	185	185
Weight	26	26	28	28	31	31
Current consumption (A)	350	200	280	140	500	250
Operating time (min.)	4	4	5	5	2	3
Main fuse, "slow blow" (A)	250	125	200	100	355	200
Batteries 12V min./max. (Ah)	1x105/1x200	2x55/2x70	1x105/1x145	2x55/2x70	1x120/1x225	2x150/2x143
Battery cables, length plus/min cables (m/mm²)	0-12/70	0-23/35	0-11/50 11-16/70	0-20/25	0-8/70 8-11/95	0-21/50
Battery main switch model BATSW	250	250	250	250	250	250
Dimensions, closed:	Height (mm)	291	291	330	330	330
	Length (mm)	703	703	722	745	745
	Width (mm)	262	262	273	286	286
Dimensions, opened:	Height (mm)	380	380	420	435	435
	Length (mm)	625	625	641	660	660
	Width (mm)	262	262	273	286	286

Type	STE9512D	STE9524D	STE12512D	STE12524D	STE16024D
Voltage (V)	12	24	12	24	24
Ignition Protection	-	-	-	-	-
Thrust (N/kgf)	950/95	1050/105	1250/125	1400/140	1600/160
Power (kW)	5,7	5,7	5,7	5,7	7
Motor, reversible D.C.	✓	✓	✓	✓	✓
Tunnel diameter, internal (mm)	185	185	250	250	250
Weight	35	35	41	41	49
Current consumption (A)	610	320	800	450	540
Operating time (min.)	3	3,5	3	2,5	4,5
Main fuse, "slow blow" (A)	425	200	500	300	355
Batteries 12V min./max. (Ah)	1x165/2x145	2x105/2x145	1x220/2x200	2x150/2x165	2x165/4x165
Battery cables, length plus/min cables (m/mm²)	0-10/95 10-12/120	0-21/50	0-9/120 9-12/150	0-20/70	0-29/120
Battery main switch model BATSW	600	250	600	250	600
Dimensions, closed:	Height (mm)	330	330	382	382
	Length (mm)	770	770	916	952
	Width (mm)	325	325	403	425
Dimensions, opened:	Height (mm)	470	470	480	506
	Length (mm)	690	690	846	870
	Width (mm)	325	325	403	425

Warranty and service

All VETUS boat equipment products come with a 3 year warranty.

Because of our long experience, careful choice of materials and stringent quality controls, we have the confidence to offer this warranty.

For advice, installation and service you can always rely on our worldwide network of VETUS dealers.

