

**MARINE ENGINEERING**  
**MARINE CONSULTING & MANUFACTURING**



**GENERAL CATALOGUE**

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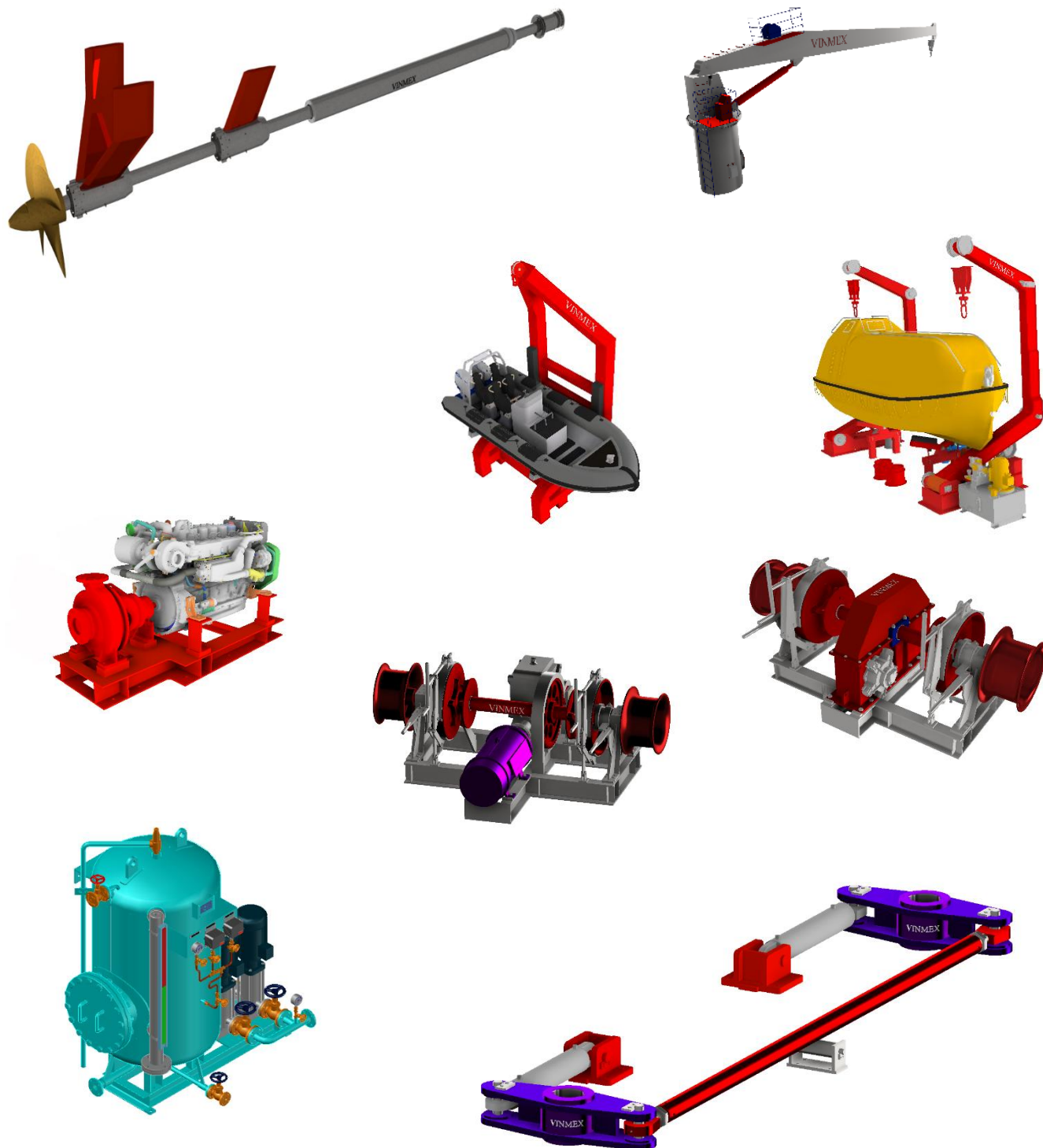
## I. COMPANY

### VINMEX INVESTMENT JOINT STOCK COMPANY

Established in 2013, location in Hai Phong, Vietnam. With a factory area of over 80,000 square meters, we maximize our assets in every production process. We also take advantage of sea and air routes, a team of experienced staff in management, business, and technology specializing in manufacturing marine equipment and are confident in being a manufacturing factory of many marine equipment. major ocean in the world. We provide all products that have been certified by high quality classification associations from America, Europe, Korea, Japan and China such as DNV, NK, KR, RINA, ABS, BV, GL , LR, CCS, IRS, VR. We have been providing the best solutions for customers.

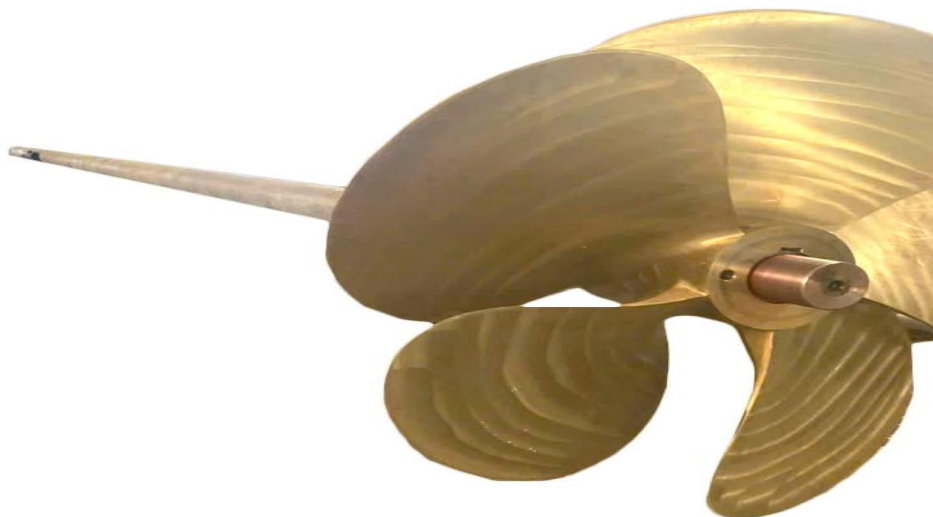
**With the slogan “Quality, Precision, Passion- Our Strength”, we always listen carefully and cooperate with all domestic and foreign business partners.**

## I. COMPANY



## II. MAIN PRODUCT

### 2.1 Propeller Shaft



With highly skilled and experienced workforce, Vinmex is one of the pioneer companies in manufacturing and supplying propeller shaft systems for all types of ships, including oil tankers, container ships, and passenger ships. and cargo ships. Our products always ensure high quality with modern functions. We always aim for the trust of our beloved customers.

Vinmex always invests in facilities, equipment and technology to improve shaft production and increase shaft production capacity.

\* Certificates: BV, LR, ABS, DNV-GL, VR, ...

#### Technical specifications:

No.	Diameter	Material	Length	Remark
1	Below 100mm	Duplex 2205/ SUSF304/ SUSF316/ 316L/ SUSF630/SF45/50/55/60 (W)/ ...	Max. 8m	
2	100mm ~ 150mm	Duplex 2205/ SUSF304/ SUSF316/ 316L/ SUSF630/SF45/50/55/60 (W)/ ...	Max. 10m	
3	150mm ~ 250mm	Duplex 2205/ SUSF304/ SUSF316/ 316L/ SUSF630/SF45/50/55/60 (W)/ ...	Max. 14m	
4	250mm ~ 300mm	Duplex 2205/ SUSF304/ SUSF316/ 316L/ SUSF630/SF45/50/55/60 (W)/ ...	Max. 14m	
5	Above 350mm	Duplex 2205/ SUSF304/ SUSF316/ 316L/ SUSF630/SF45/50/55/60 (W)/ ...	Max. 14m	

Besides, We supply and produce according to customer's requests and suggestions



## II. MAIN PRODUCT

### 2.2 Bearings

Vinmex supplies marine bearings for use with all vessel's marine engineering systems. We supply all bearings as ACM L2 Marine, Thordon, Orkot, Feroform, Rubber cutlass bearing.



#### Product Specification

No.	Bearing Type	Material	OD ( mm)	ID (mm)	Length (mm)	Remark
1	ACM	L2 Marine	Minimum 50mm	Maximum 500 mm	450 ~ 950	
2	Orkort	TLMM, TXMM	118 ~ 520	66.7 ~ 403	500 ~ 700	
3	Thordon	SXL, Composite (GM2401), XL, ThorPlas- Blue, ThorPlas- White, PT80, Compac, HPSXL, HPSXL TRAXL	250 ~ 530	115 ~ 410	500 ~ 700	
4	Feroform	T11, T12, T14, T127, T814, PR18	100 ~ 450	72 ~ 320	600 ~ 1200	
5	Rubber Cutlass Bearing	Brass, Composite	87.73 ~ 450.85	83 ~ 420	254 ~ 550	

Besides, We supply and produce according to customer's requests and suggestions

## II. MAIN PRODUCT

### 2.3 Stern Tubes



Vinmex designs and manufactures various Stern Tubes for use in Sterngear assemblies. As well as providing standard designs, Vinmex stern tubes can be made and supplied to any specification, from any material, for any vessel. We supply and produce according to customer's requests and suggestions

- Steel Water Lubricated
- Bronze Water Lubricated
- GRP Water Lubricated
- Aluminium Water Lubricated
- Oil Lubricated Systems

### 2.4 Bracket

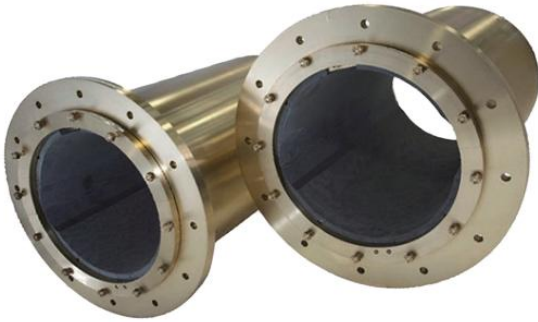


With high skill and a very experienced workforce, Vinmex is one of the pioneer companies in manufacturing and supplying Bracket for all kinds of vessels, including tankers, container carriers, passenger vessels and freight vessels. Our products always ensure high quality with modern functions. We always aim to gain the trust of our dear customers.

We design and manufacture brackets with either with a flange to be bolted to the vessel's hull or brackets that are welded directly to the hull, or with starter struts or to be glassed in to a hull. We supply and produce according to customer's requests and suggestions

## II. MAIN PRODUCT

### 2.5 Rudder bearing



Bronze rudder bearing, bronze rubber bush for water lubricant for marine industry. Bearing diameters are precision fitted to the designated shaft size with the correct clearance for efficient water lubrication.

External brass shells are machined and polished to provide easy fitting. specially formulated oil and chemical resistant nitrile rubber is securely bonded to the shell. Unit with thin shells are available for the struts of small craft. Sleeve bearings are usually installed by light press- fitting and locked in place with once pointed set screws

### 2.6 Shaft couplings



Shaft couplings supplied with shafting, coupling tapers are bedded to shafts at the factory to achieve a fit, of 70% minimum. The fit of keys and keyways will also be inspected. When a coupling is supplied on its own, the fit to the shaft will need to be checked on site. The taper of the coupling, or shaft, should be scraped to produce a fit of 70% minimum. The key should be inspected for a correct fit in both coupling and shaft.



## II. MAIN PRODUCT

### 2.7. Rudder

Vinmex processes all types of rudder systems for ships with different customer requirements and requests.



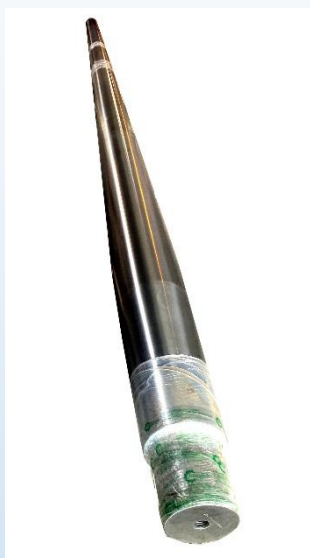
The balance rudder blade is usually a rudder of which the axis is between the front and back of the rudder blade. it acts as a balance when steering.

We produce a wide range of rudders for all types of boats for leisure, commercial and military vessels. Working in close partnership with naval architects, boat designers and builders we produce the best solution for the individual application.

#### Product Specification

No.	Material	Length (mm)	Width (mm)	Remark
1	SUS 304	500 ~ 4000	500 ~ 3000	
2	SUS 316	500 ~ 4000	500 ~ 3000	
3	Duplex	500 ~ 4000	500 ~ 3000	
4	Grade A	500 ~ 4000	500 ~ 3000	

### 2.8 Rudder stock



The rudder stock is a part of the rudder system. it is a very important part of the steering system because it makes sure the vessel changes direction. our rudder stocks are made of stainless steel, forged steel and alloy steel.

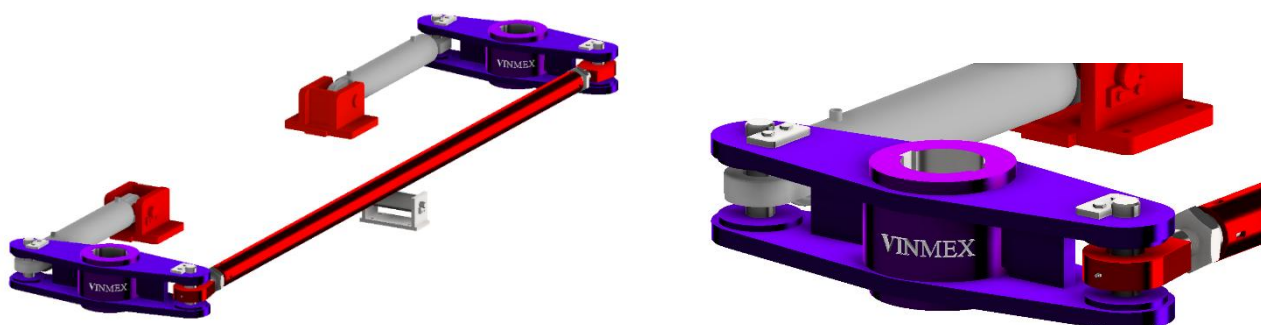
The rudder stock is a part of the rudder system. A rudder system includes the rudder blade, rudder stock, rudder pintle, the rudder stock is a very important part of the steering system. it makes sure the vessel changes direction.

#### Product Specification

No.	Material	Length (mm)	Diameter (mm)	Remark
1	SUS 304	1000 ~ 6000	50 ~ 350	
2	SUS 316	1000 ~ 6000	50 ~ 350	
3	Duplex 2205	1000 ~ 6000	50 ~ 350	
4	SF45/50/55/60	1000 ~ 6000	50 ~ 350	

## II. MAIN PRODUCT

### 2.10. Steering gear for ships with 01; 02 rudders



No.	Model	Torque(T.m)	Source	Source	Remark
1	VM/SG 05	0.5	380V-50Hz	440V-60Hz	
2	VM/SG 10	1	380V-50Hz	440V-60Hz	
3	VM/SG 15	1.5	380V-50Hz	440V-60Hz	
4	VM/SG20	2	380V-50Hz	440V-60Hz	
5	VM/SG25	2.5	380V-50Hz	440V-60Hz	
6	VM/SG30	3	380V-50Hz	440V-60Hz	
7	VM/SG40	4	380V-50Hz	440V-60Hz	
8	VM/SG50	5	380V-50Hz	440V-60Hz	
9	VM/SG60	6	380V-50Hz	440V-60Hz	
10	VM/SG70	7	380V-50Hz	440V-60Hz	
11	VM/SG80	8	380V-50Hz	440V-60Hz	
12	VM/SG90	9	380V-50Hz	440V-60Hz	
13	VM/SG100	10	380V-50Hz	440V-60Hz	

Besides, We supply and produce according to customer's requests and suggestions

## II. MAIN PRODUCT

### 2.11 External fire fighting pump



Vinmex will design your system according your actual requirement. We will work closely to the ship designer and end-user. You'll get the best possible performing systems within budget and physical limits.

#### Product specification

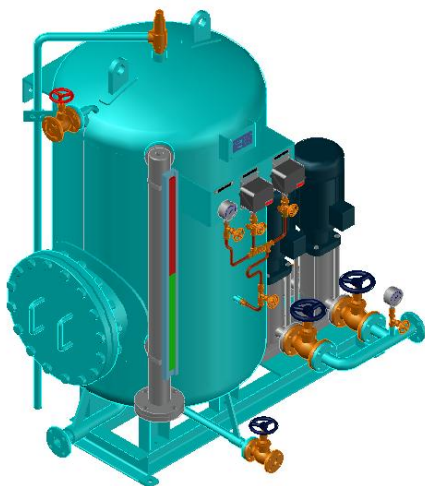
No.	Model	Capacity of water (m3/h)	Power (kW)	Pressure head ( bar )	Remark
1	VM-FiFi100	100 m3/h	93kW	9 ~ 12 bar	
2	VM-FiFi150	150 m3/h	92kW	9 ~ 10 bar	
3	VM-FiFi200	200 m3/h	157kW	9 ~ 10 bar	
4	VM-FiFi300	300 m3/h	157kW	9 ~ 10 bar	
5	VM-FiFi400	400 m3/h	177kW	8 ~ 12 bar	
6	VM-FiFi500	500 m3/h	256kW	8 ~ 12 bar	

Besides, We supply and produce according to customer's requests and suggestions

## II. OUR MAIN PRODUCTS

### 2.12. Hydrophore tank unit

- Use for fresh water, sea water.
- Martiarial: stainless steel



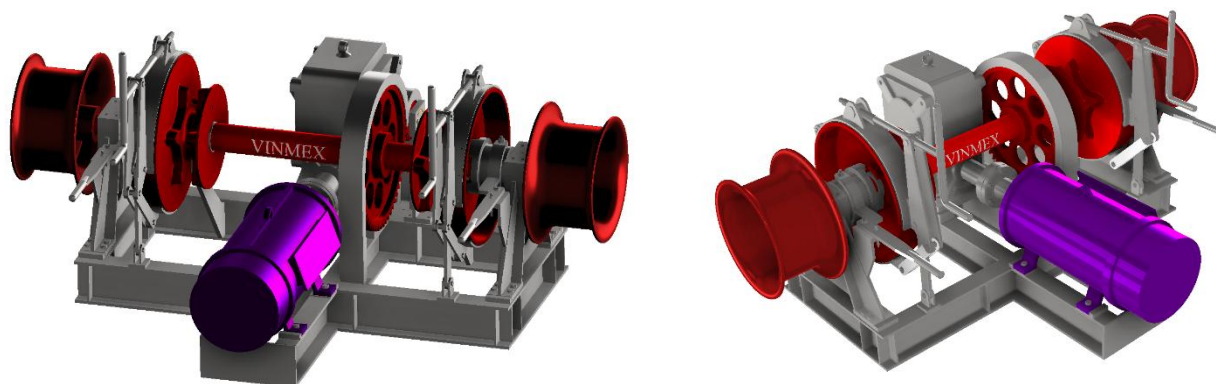
#### Product specification

Model		VM-HT-0.2	VM-HT-0.3	VM-HT-0.5	VM-HT-1	VM-HT-1.5	VM-HT-2	VM-HT-2.5	VM-HT-3
Volume (m³)		0.2	0.3	0.5	1.0	1.5	2.0	2.5	3
Working pres. (Mpa)		0.4							
Design pres. (Mpa)		0.44							
Test pres. (Mpa)		0.66							
Take off pressure of safety valve (Mpa)		0.42							
Working temp. (°C)		0 ~ 45							
Design temp. (°C)		50							
Water pump	Flow rate (m³/h)	3	6.5	10			10		
	Pump head (m)	40	40	40			40		
	Power (kW)	2.2	3	4			4		

Besides, We supply and produce according to customer's requests and suggestions

## II. OUR MAIN PRODUCTS

### 2.13. Anchor Windlass



Vinmex JSC is also specialize in manufacturing anchor winches. Our products always gain trust with our customer with compact design, easy to maintenance and high quality.

#### 2.13.1 Electric Anchor windlass

##### Product specification

No.	Model Electric	Chain Diameter (mm)	Power source	Power source	Remark
1	VME-17WL	17.5	3P, 380, 50Hz	3P, 440V, 60Hz	
2	VME-19WL	19	3P, 380, 50Hz	3P, 440V, 60Hz	
3	VME-20WL	20.5	3P, 380, 50Hz	3P, 440V, 60Hz	
4	VME-22WL	22	3P, 380, 50Hz	3P, 440V, 60Hz	
5	VME-24WL	24	3P, 380, 50Hz	3P, 440V, 60Hz	
6	VME-26WL	26	3P, 380, 50Hz	3P, 440V, 60Hz	
7	VME-28WL	28	3P, 380, 50Hz	3P, 440V, 60Hz	
8	VME-30WL	30	3P, 380, 50Hz	3P, 440V, 60Hz	
9	VME-32WL	32	3P, 380, 50Hz	3P, 440V, 60Hz	
10	VME-34WL	34	3P, 380, 50Hz	3P, 440V, 60Hz	
11	VME-36WL	36	3P, 380, 50Hz	3P, 440V, 60Hz	
12	VME-38WL	38	3P, 380, 50Hz	3P, 440V, 60Hz	

Besides, We supply and produce according to customer's requests and suggestions



## II. OUR MAIN PRODUCTS

### 2.13.2. Anchor windlass Hydraulic

#### Product specification

No.	Model Hydraulic	Chain Diameter (mm)	Power source	Remark
1	VMH-17WL	17.5	3P, 380, 50Hz/ 3P, 440V, 60Hz	
2	VMH-19WL	19	3P, 380, 50Hz/ 3P, 440V, 60Hz	
3	VMH-20WL	20.5	3P, 380, 50Hz/ 3P, 440V, 60Hz	
4	VMH-22WL	22	3P, 380, 50Hz/ 3P, 440V, 60Hz	
5	VMH-24WL	24	3P, 380, 50Hz/ 3P, 440V, 60Hz	
6	VMH-26WL	26	3P, 380, 50Hz/ 3P, 440V, 60Hz	
7	VMH-28WL	28	3P, 380, 50Hz/ 3P, 440V, 60Hz	
8	VMH-30WL	30	3P, 380, 50Hz/ 3P, 440V, 60Hz	
9	VMH-32WL	32	3P, 380, 50Hz/ 3P, 440V, 60Hz	
10	VMH-34WL	34	3P, 380, 50Hz/ 3P, 440V, 60Hz	
11	VMH-36WL	36	3P, 380, 50Hz/ 3P, 440V, 60Hz	
12	VMH-38WL	38	3P, 380, 50Hz/ 3P, 440V, 60Hz	

Besides, We supply and produce according to customer's requests and suggestions

#### **\* Standard features**

- Heavy duty worm gearbox or planetary/ worm gear combination.
- IP56 TENV cast iron.
- Free-fall clutch.
- Band brake.
- Suitable for various chain sizes.

#### **\* Available option**

- Alternative supply voltages.
- Full manual control by hand wheel.
- Horizontal warping head configuration.
- Remotely controlled band brake.
- Special marine/offshore coating system.

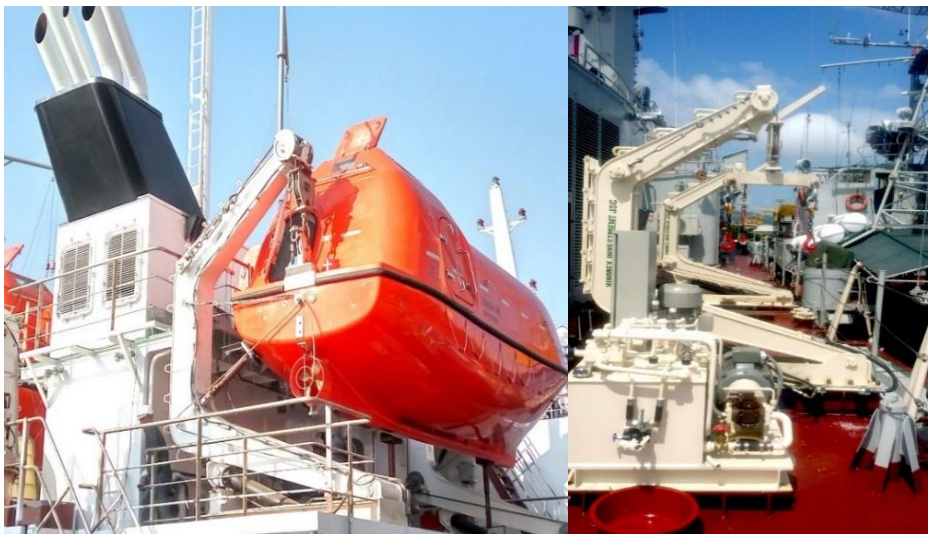
#### **\* Available control options**

- IP 66 control box with IP 65 pendant remote control or push-buttons built
- Proportional local or remote-control valve



## II. OUR MAIN PRODUCTS

### 2.14. Crane / Davit for lifeboat, rescue boat



All cranes, davit of lifesaving equipment are being produced solely by Vinmex JSC / Vietnam. We have become one of the major manufacturer for provision crane and davit for almost life-saving equipment in Vietnam market & foreign market.

#### 2.14.1. Hydraulic Gravity davit

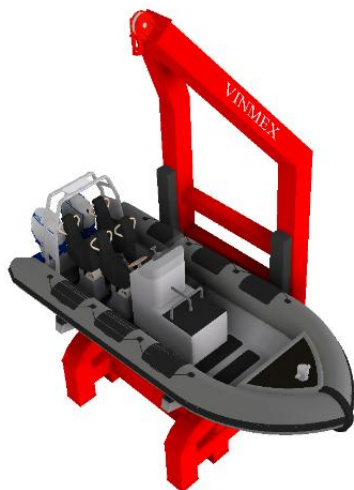
##### Product specification

No.	Model	Max Working Load	Winch	Remark
1	VM-G60	60KN	Hydraulic/ Electric	
2	VM-G65	65KN	Hydraulic/ Electric	
3	VM-G85	85KN	Hydraulic/ Electric	
4	VM-G90	90KN	Hydraulic/ Electric	
5	VM-G120	120KN	Hydraulic/ Electric	
6	VM-G160	160KN	Hydraulic/ Electric	
7	VM-G170	170KN	Hydraulic/ Electric	

Besides, We supply and produce according to customer's requests and suggestions

## II. OUR MAIN PRODUCTS

### 2.14.2. A- Frame Davit



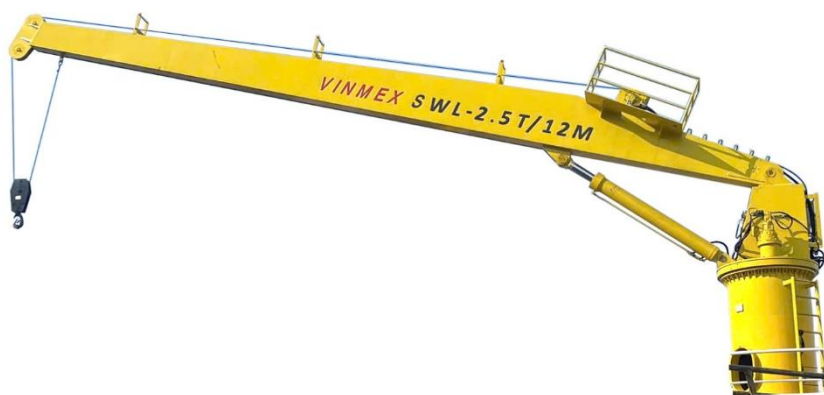
#### Product specification

No.	Model	S.W.L	Hoisting Load	Hoisting Speed	Lowering Speed	Notes	Remark
1	VM-A21	21KN	21KN	≥18M/MIN	40~60m/min	Hydraulic winch	
2	VM-A30	30KN	30KN	≥18M/MIN	40-60M/MIN	Hydraulic winch	
3	VM-A35	35KN	35KN	≥48M/MIN	48-60m/min	With Constant Tension Anti Pendulum System	
4	VM-A50	50KN	50KN	≥18M/MIN	40-60M/MIN	Hydraulic winch	
5	VMA60	60KN	60KN	≥18M/MIN	40-60M/MIN	Hydraulic winch	

Besides, We supply and produce according to customer's requests and suggestions

## II. MAIN PRODUCT

### 2.14.3. Provision crane



#### Product specification

No.	Model	Max Hoisting Load	Slewing Radius	Max Slewing Angle	Hoisting Speed	Slewing Speed	Motor Power
1	VM-PC1	1T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	10KW
2	VM-PC1.5	1.5T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	15KW
3	VM-PC2	2T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	15KW
4	VM-PC2.5	2.5T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	22KW
5	VM-PC3	3T	2.5-12M	≤330	≤12M/MIN	0.5R/MIN	22KW
6	VM-PC3.5	3.5T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	22KW
7	VM-PC4	4T	2.5-12M	≤330	≤12M/MIN	0.5R/MIN	22KW
8	VM-PC4.5	4.5T	2.5-12M	≤330	≤12M/MIN	0.25R/MIN	24KW
9	VM-PC5	5T	2.5-12M	≤330	≤10M/MIN	0.25R/MIN	24KW

Besides, We supply and produce according to customer's requests and suggestions

## II. OUR MAIN PRODUCTS

### 2.14.4. Telescopic Boom Marine Crane



#### Product specification

No.	Model	Max Hoisting Load	Max. Working Radius	Min. Working Radius	Hoisting Speed	Remark
1	VM/CR0.5T	0.5T	7.7M	2M	≤12M/MIN	
2	VM/CR1T	1T	5M	2M	≤12M/MIN	
3	VM/CR2T	2T	10M	2M	≤12M/MIN	
4	VM/CR3T	3T	30M	3M	≤12M/MIN	
5	VM/CR4T	4T	12M	1.5M	≤12M/MIN	

Besides, We supply and produce according to customer's requests and suggestions



## II. MAIN PRODUCT

### 2.15. Capstans

Capstans with pull from 1 to 20 tons.  
Engine on or under deck.  
ON REQUEST RENTAL CAPSTANS



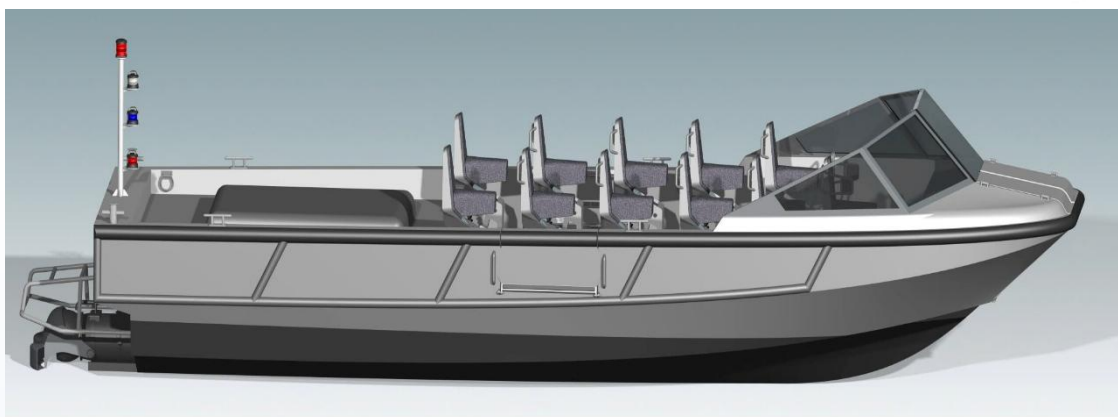
#### Product specification

No.	Model	Rated Load (TON )	Rated Speed (M/MIN)	Rope Size (ØMM X X)	Remark
1	VMCT1	2.0	≤ 20	35 x 160	
2	VMCT2	3.0	≤ 20	35 ~ 40 x 180	
3	VMCT3	4.0	≤ 20	40 ~ 45 x 180	
4	VMCT4	5.0	≤ 20	50 ~ 55 x 200	
5	VMCT5	6.0	≤ 20	55 ~ 60 x 200	
6	VMCT6	7.0	≤ 20	60 ~ 65 x 200	
7	VMCT7	8.0	≤ 20	65 ~ 70 x 200	
8	VMCT8	9.0	≤ 20	65 ~ 70 x 200	
9	VMCT9	10.0	≤ 20	65 ~ 70 x 220	
10	VMCT10	12.0	≤ 20	70 ~ 75 x 220	
11	VMCT11	15.0	≤ 20	75 x 220	
12	VMCT12	20.0	≤ 20	75 x 220	

Besides, We supply and produce according to customer's requests and suggestions

## II. MAIN PRODUCT

### 2.16. Boat



Material: Composite, Aluminium

Length:  $L_{max} = 8.65m$

Width:  $B_{max} = 2.6m$

Beam:  $d = 0.5m$

Capacity: 11P

Power:  $N = 330HP$

Besides, We supply and produce according to customer's requests and suggestions

### III. CERTIFICATIONS





### III. CERTIFICATIONS



## **VI. CONTACT**

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## 5 Steps to Becoming World-class

