



## Nufoss Services Pte Ltd

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# Company Brochure

Nufoss Services specializes in estimation, sales and service of marine equipment. We have supplied thousands of steering gear systems to fishing boats, fire-fighting boats, ferries, tugs and large supply vessels.

We have enjoyed a long track record with a good name in our quality and durability for the past 3 decades.

An experienced and dedicated team of specialized technicians are at hand to look after the commissioning, maintenance, and after sales service.

Products that we handle are widely used onboard various vessels. These products meet the various Ship Classifications including ABS, BKI, BV, CCS, DNV, GL, LRS, RMRS etc.

We handle each enquiry attentively & promptly. Please feel free to contact us.




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## Products we manufacture

- Steering Gear
- Day Signal Masts
- Custom projects

## Products we distribute and provide spare parts and after sales services

- Rudders
  - Propellers
  - Thrusters
  - Autopilots
  - Marine Cranes
  - Radio Remote Control
  - Propulsion Control
  - Water Makers
  - Sewage Treatment
  - Nitrogen Generators
  - Winch/windlass
  - Inflatable Products
- 

## Steering Gear

### Nufoss Ram Type



Nufoss steering gear is built to give customers a peace of mind for their design of various types of vessels from small pleasure crafts to large vessels over 100 metres. We have been providing complete steering systems which include commissioning and after sales service.

Steering systems come complete with tiller, power pack, digital control, interfacing with Autopilot and Dynamic Positioning (DP1 and DP2).

[www.nufoss.com.sg](http://www.nufoss.com.sg)

### Autonav Rotary Vane



A compact, simple and mechanically efficient rudder actuator.

Field proven performance and reliability confirm its suitability for all types of commercial and naval vessels. AutoNav rotary vane steering gears were designed in cooperation with the National Research Council of Canada and meet the requirements of classification authorities throughout the world, meeting the highest MIL STDs for acoustic noise and Grade A shock.

[www.autonav.ca](http://www.autonav.ca)

### Canstar Canbus



Using canbus infrastructure to provide next generation advanced control and monitoring system for steering. Save time and money on installation, troubleshooting, repairs and futureproof the system with easy upgrades.

[www.canstar.tech](http://www.canstar.tech)

## Mast Control System



Custom designed and locally produced mast head signals for various day shapes. Eg. Dredgers showing passing/obstructed sides.

Features 90° movement, corrosion/vibration resistance, triple-redundant controls via remote station, local push-button and emergency wheel.

Actuation can be electrical, hydraulic or pneumatic.

[www.nufoss.com.sg](http://www.nufoss.com.sg)

## Rudders



Rudders are available to be matched with our steering gear, originating from America, Europe and Asia. We can calculate an exclusive offer for your needs from low cost to high efficiency.

Due to the extensive range of rudder profiles and configurations, each maneuvering system is tailored to meet individual requirements for all types of vessels, from exceptional maneuvering at slow speeds to cavitation-free rudder profiles at high speeds.

These high performance rudders offer the highest maneuverability and low fuel consumption.

## Bow Thruster Control System

Utilizing the existing ship's PTO and thruster, we are able to provide powerful closed loop hydraulics in a compact platform, fully controlled and monitored via canbus networks to interface with Main Engines, Thruster alarms and provide intelligent control and monitoring, user-customizable and saves you time and money on installation, troubleshooting, repairs and upgrading.

[www.canstar.tech](http://www.canstar.tech)



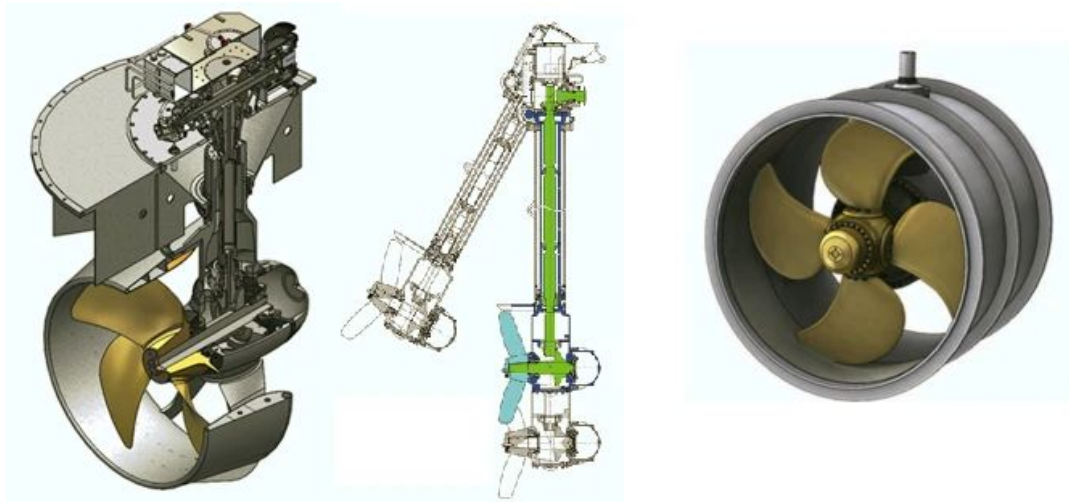
## Inflatable Products



AIRTECH Systems are inflatable products for special applications, specially designed for military, fire units, medical and rescue units.

Related products include life rafts, life jackets, lifting buoys and oil booms

## Propellers and Thrusters



### Propellers

Fixed (FPP) and controllable pitch propellers (CPP) made in Asia.

CPP can change the propeller's pitch to vary the thrust from full ahead to zero pitch without changing engine speed, improving fuel efficiency.

Available with 3 to 5 blades for propeller diameter range of 1400mm to 4850mm, weighing from 415 to 13,200 kg.

### Thrusters

Azimuth and retractable thrusters, Stern or Bow Thrusters, providing thrust to the vessel for moving in various directions.

2 types of tunnel thrusters available: fixed pitch tunnel thruster for 350mm to 3300mm propeller diameters, and controllable pitch tunnel thruster for 900mm to 3300mm propeller diameters.

## Autopilots



Since their introduction in 1982, ComNav Autopilots have gained a reputation for top performance and reliability in even the harshest sea conditions. Trusted worldwide, ComNav Marine has a broad line of marine navigation systems for virtually any commercial or pleasure boat application.

Selected Comnav autopilots have long been supplied to the Canadian Coast Guard for its new fleet of search and rescue patrol vessels.

The Admiral Model is IMO/Wheelmark compliant for demanding high seas commercial applications.

The X Series Automatic Identification Systems, the V Series Low Lux and Thermal night Vision Systems and C Series Sunlight Displays were launched to better serve customers.

Other products include:

GNSS Smart Antenna

AIS Transceiver

Thermal Cameras

[www.comnav.com/marine](http://www.comnav.com/marine)



# Marine Cranes

## Effer

Effer has over 30 models of knuckle and telescopic cranes available in many variants and lifting capacities from two to four hundred ton/meter with as many as four different boom configurations. The right answer for any kind of job

[www.effer.com](http://www.effer.com)

## Sormec

Sormec provides completely customized offshore marine crane solutions that include API-2C, Constant Tension and Active Heave Compensation, SOLAS-certified rescue boat davits and A-frames, and telescopic floodlights.

[www.sormec.net](http://www.sormec.net)



# Radio Remote Control

With almost 25 years of experience in the business, Scanreco has been developing state-of-the-art radio remote control systems - and this makes us the natural number one choice when it comes to radio remote control for cranes and machines. Scanreco's system is built and designed for the toughest and most demanding of environments. Scanreco can hereby offer the market of crane and machine operators an extremely easy to use radio remote control retaining speed, precision, and control with the maximum of safety.

Scanreco develops and supplies radio remote control systems to leading OEMs and partners such as :

- Effer
- Sormec
- Palfinger
- Fassi
- Fabercom
- Hiab /
- Cargotec
- Demag / Terex
- HMF
- PM
- and many more leading OEMs and partners.



[www.scanreco.com](http://www.scanreco.com)

## Propulsion Control

PMC from Canada designs, develops, manufactures and services a wide range of products. Every product developed by PMC originated from an application need. For over thirty years PMC products have been setting new standards in quality and performance.

PMC can supply:

- Digital System for Vessels with Controllable/Fixed Pitch Propellers
- Azimuth Control For Right Angle Drives
- Integrated Machinery, Alarm and Control
- Alarm Annunciators
- Tank Level Monitoring and Alarm
- Propulsion Telegraphs
- Navigation Light Controls
- Instrumentation



<http://www.pmc-controls.com/>

## Water Maker & Sewage Treatment

Established in 1978, Tecnicomar S.p.A. has risen to become a leader in the European market for its range of products that fully comply with customers' needs. Their watermakers use up to 35% less energy, produce

60% more fresh water, and weight about 50% lower compared to competitor units with the same flow rate. Products : Reverse Osmosis Watermakers (60-2000 L/hr) Sewage Treatment Plants (2300-50000 L/day) Water & Air Purifying Systems Certifications: CE, IMO, ISO9000

[www.tecnicomar.it](http://www.tecnicomar.it)



## Nitrogen Generator



Working closely with ship owners, design institutes and shipyards, SINCE GAS is a leading Nitrogen Generator manufacturer using Pressure Swing Adsorption (PSA) method. Used for inert gas requirements, it can also be used for pigging pipelines.

Besides nitrogen, they are able to produce hydrogen and oxygen as well, saving owners the high costs of purchasing individual tanks from gas suppliers.

ABS/BV/LR/CCS approved.

[www.sincegas.com](http://www.sincegas.com)

## Winches & Windlasses

The 100% custom designed DMT WINCHES from Romania, are built to withstand the harshest marine conditions and comply with the most stringent performance criteria in any desired configuration.

The DMT WINCHES are internationally known for their robustness, which ensures high reliability during operation, low costs of maintenance and long product life span.

Products:

Vertical Windlasses, Anchor & Mooring Winches, Tugger Winches, Hatch Cover Winches, Coupling Winches, Umbilical Winches, Deck Equipment, Offshore Mooring Systems

[www.dmt-winches.com](http://www.dmt-winches.com)



