

MAREX OS III

SPECIFICATIONS



NANNI control systems can be found on all type of ships a round the world. work vessels with classification, passenger Liners, coastal cargo ships and even yachts rely on engineering expertise Made in Germany.

Regardless of which propulsion concept is required - the reversing gear system, the controllable pitch propeller system, or even new drive concepts such as hybrid systems are using our most proven product: the Marex os 111. Advantages :

- Easy installation thanks to pre-assembly
- System reliability thanks to one self-monitoring CAN bus per drive train
- Bridge components can also be used in the outside area
- Approval of drawing and FAT upon request



DESIGN
Unique
Functional
Ergonomic



FLEXIBLE
Modular system architecture
Independent of the type of drive
Easy to install



FEATURES
No project-based programming
Customized by parameter settings
Optimized operating forces

MAREX OS III

Manoeuvring system

BENEFITS

LIFE CYCLE MANAGEMENT

- Consultancy during design and refit
- Commissioning and training
- Service and refitting of functions with worldwide network

CONSULTANCY BY EXPERTS

- Technical feasibility
- Project work
- Site inspection including life cycle management

WORLDWIDE NETWORK

- Project work
- Service
- Training
- Sales including consulting

INTEGRATED FUNCTIONS

- Engine control, speed curves and engine stall protection
- Gear operation, reversing maneuver curves
- Control of PTO and PTI, Trolling and Slip & Grip
- Multi-engine systems
- Calculated ship speed
- Shaft brake control
- Internal software PLC to add special functions
- Standard interface for OP system, Autopilot and VDR

COMPONENTS

FEATURES

CONTROL HEADS

Illuminated scale, electric shaft. various designs, different propulsion plants, integrated keypad, triple-engine version available

5.7" DISPLAY

Freely configurable, 4 illuminated push buttons, digital 4-axis jog dial, readable in the sunlight. ergonomic design, 2 propulsion plants in one display

OPERATING AND INDICATION MODULES

Indication of remote control data & data input

MARINE PROPULSION CONTROLLERS

Single hardware component for different types of propulsion systems, preconfigured functions, software PLC function, error log with real-time stamp, integrated keypad and display

EXTENSION MODULES

VDR interface, NMEA interface, pitch controller for CPP

ACCESSORIES

Prefabricated connecting cables & terminal blocks

ACTUATORS AND VALVES

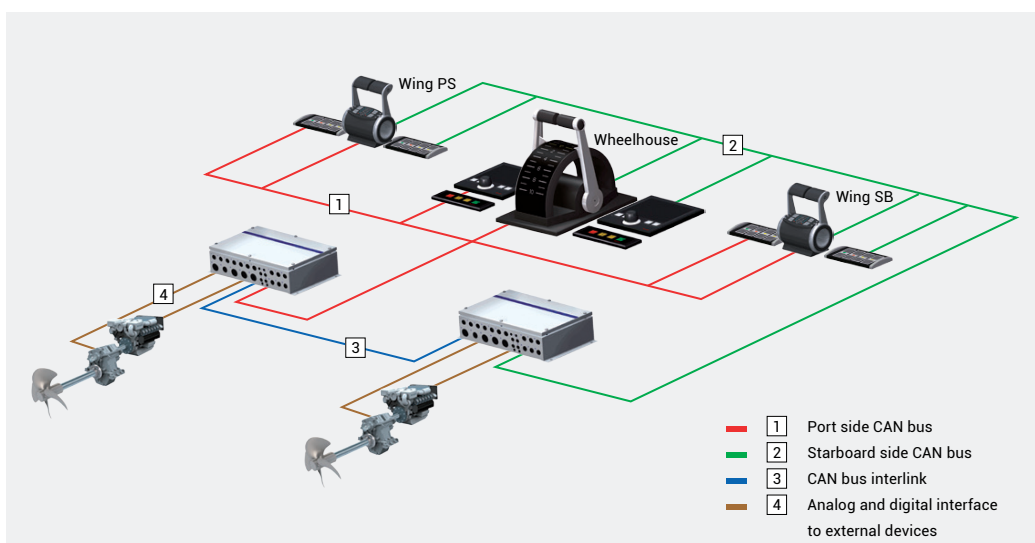
Electrical components for mechanical or pneumatic control of variables such as gear shifting, speed, or pitch setting

SERVICE TOOL

Laptop-based parameter transfer and optimization, transfer of parameters between ships within the same production line



SYSTEM



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