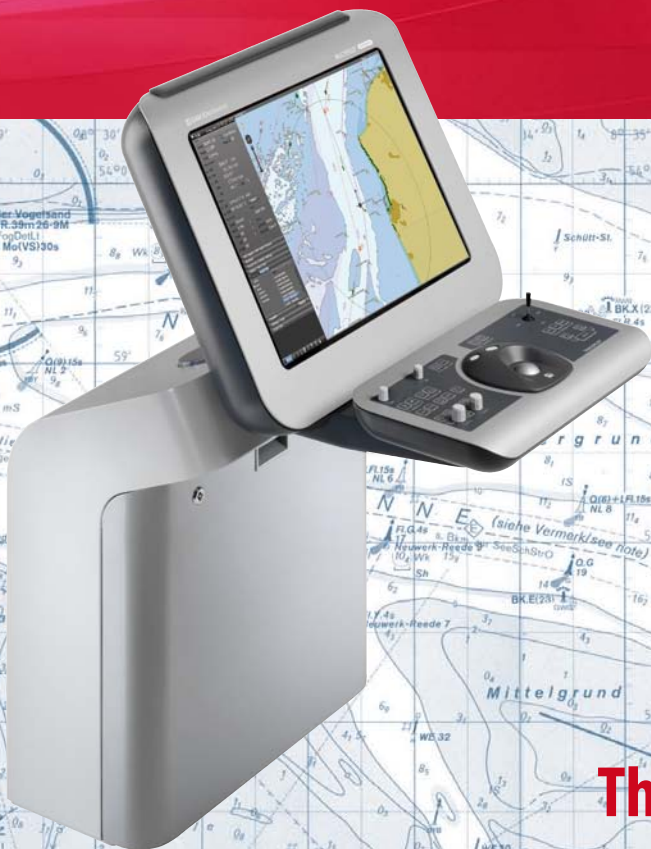


MULTIPILOT platinum

NACOS Platinum Series



The Universal Solution

Wärtsilä SAM Electronics

MULTIPILOT platinum

NACOS Platinum Series

The Captain's First Choice

Safety, accuracy and reliability are paramount in modern high seas navigation. Increasing traffic and improved international standards require precise navigation systems to aid information management and collision avoidance. For the right information at the right time, the Wärtsilä SAM Electronics Platinum series is the ultimate choice in modern navigation equipment.

Following extensive research into user requirements, a unique ergonomic design provides new levels of user-friendliness and functionality. **MULTIPILOT Platinum** underlies such flexibility through the integration of radar, ECDIS, conning and even automation in one compact workstation. When the bridge crew demands fully integrated solutions, the Wärtsilä SAM MULTIPILOT Platinum is the number one choice.

ECDIS display with
Radar overlay



Conning display



Functional Package "MULTIPILOT"

- Combined IP Radar / ECDIS
- High resolution wide screen displays
- Built-in radar interswitch
- Tracking of up to 40 Radar and 200 AIS targets
- Automatic clutter suppression
- Enhanced small target detection
- Chart data bases
 - ENC S57/S63
 - Admiralty AVCS/ARCS
 - C-Map ENC and CM93-3
- Chart maintenance based on real-time update
- 5 different brightness settings for day and night
- Favourite user settings
- Man overboard button
- S-Mode
- Advanced route and schedule planning
- Separate ECDIS layer for User (Mariners Notes)
- Type approved as MKD for AIS R5 Supreme
- Integrated VDR display and operation of VDR 4360
- Easy to operate either by trackball or functional radar keyboard
- On screen NAVTEX updates
- Integrated conning page
- Output for conning display
- Online operators manual and user help function

Functional Package "Advanced MULTIPILOT"

Upgrade your MULTIPILOT with additional functionality via a simple software licence. A fast trouble-free procedure adapts your system to specific needs and highly advanced features.

- All "MULTIPILOT" features
- Tides and current information
- Remote maintenance function
- Radar Video Merging
- High Speed Radar (for high speed crafts)



Functional Package "Automation"

Upgrade your MULTIPLOT on specific demands and benefit from a variety of functions never seen before such as ECDIS in combination with Automation application.

- All "Advanced MULTIPLOT" features
- Display and control of SAM Automation

User Centred Design

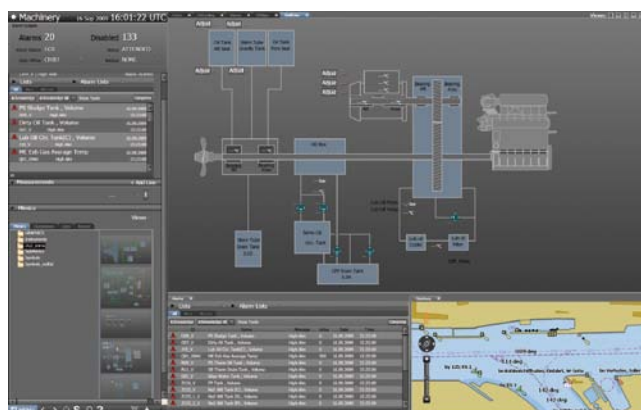
The Human Machine Interface (HMI) of the NACOS Platinum series is a story in itself. Understanding the need for easy and safe operation across systems and applications, Wärtsilä SAM Electronics has pooled its 30 years of experience with that of leading international human factors expertise. Working together throughout an ambitious User Centred Design process, the result is an HMI that is intuitive, transparent and consistent. The HMI supports both novices and expert users, and is designed to match the user's information needs. By following operating principles similar to those of modern browsers and major software packages, the NACOS Platinum HMI will be immediately familiar to any computer user, and the easy overview and simplicity of operation directly allows the user to concentrate on the task of navigating the ship safely.

Flexible System Architecture

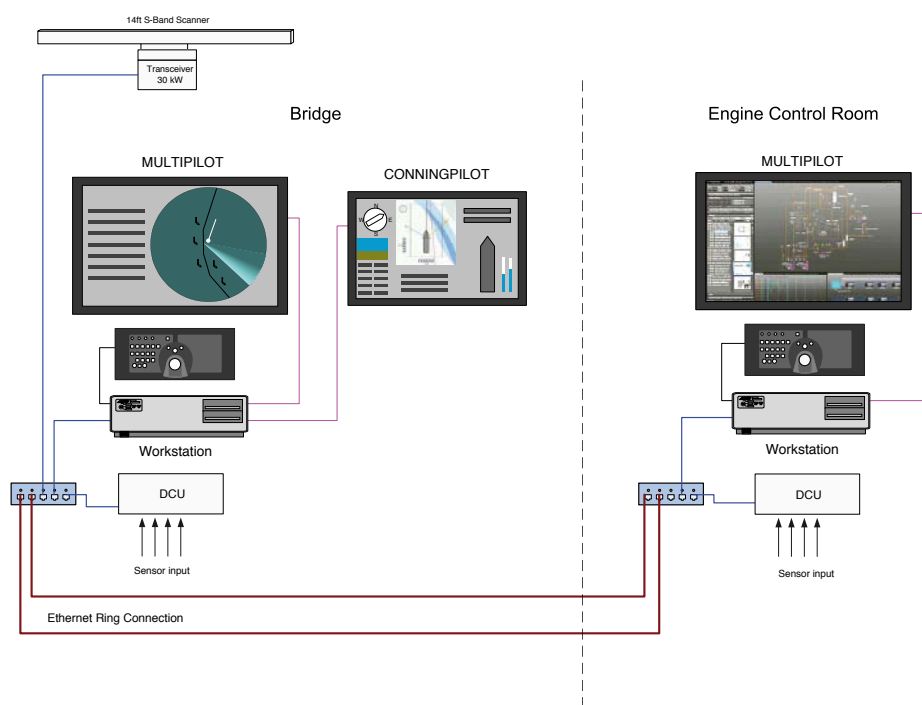
MULTIPLOT Platinum is completely LAN based, offering scalability and flexibility to new levels never seen before. With such adaptability, Platinum series Multipilot covers the functionality of all task defined and required for INS systems in the future.

Common Software Platform

The Platinum series offers options far beyond other systems. Its common software platform allows the installation of any application to any Platinum workstation regardless of location. Thus, all required MULTIPLOT tasks run wherever a customer demands.



Automation display
with ECDIS



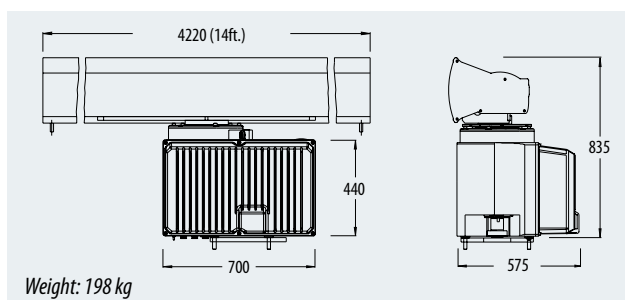
Installation MULTIPLOTs with conning

Benefits of NACOS Platinum Series

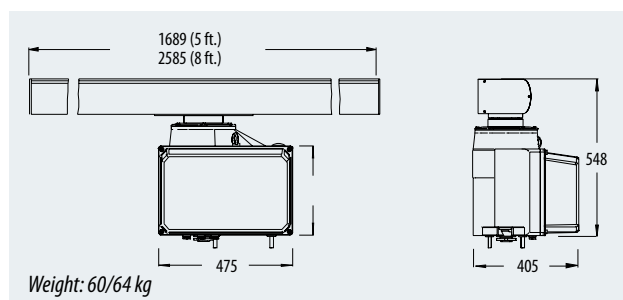
- Easy to install and to maintain
- Cost efficient solution focused on increasing user value
- Extremely user friendly = less training
- Common hardware platform = reduced spare parts

MULTIPILOT platinum

Technical Data



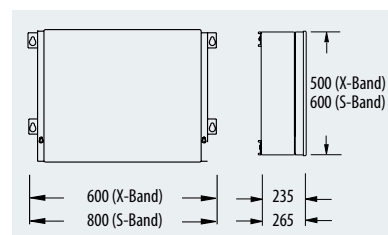
S-Band Antenna Unit with integrated performance monitor and 30 kW S-Band transceiver, optional 30kW bulkhead transceiver



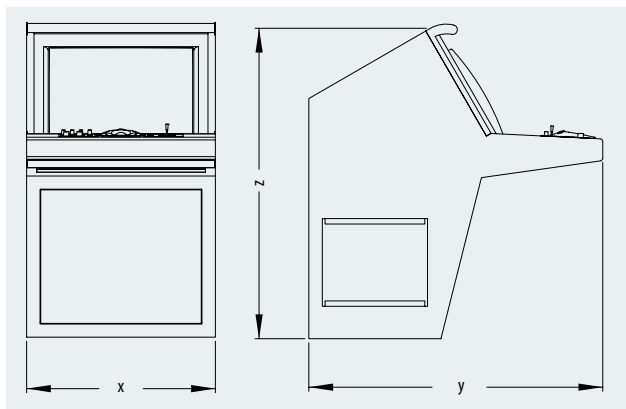
X-Band Antenna Unit with integrated performance monitor and 12.5 or 25 kW X-Band transceiver, optional 25 kW bulkhead transceiver

AC voltage* frequency	1 x 115 V 60 Hz	1 x 230 V 50/60 Hz	3 x 230 V 50/60 Hz	3 x 400 V 50/60 Hz	3 x 450 V 60 Hz	Power Cons. X-Band [VA]	Power Cons. S-Band [VA]
X/S-Band antenna unit		x	x	x	x	250	1300
X/S-Band bulkhead transceiver	x	x				150	150

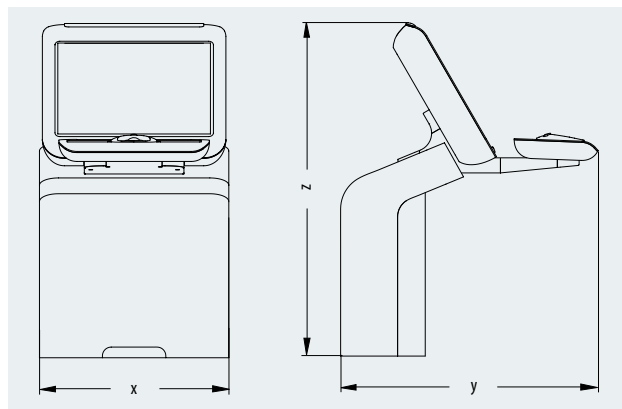
*Tolerances according to IEC 60945



Bulkhead Transceiver (X-Band / S-Band)



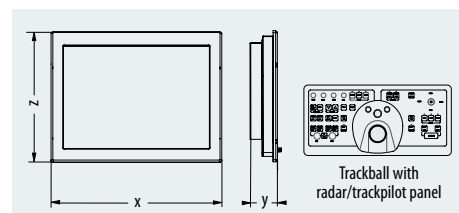
C4 Console unit with integrated control panel and display electronics



C5 Console unit with integrated control panel and display electronics

MULTIPILOT Platinum basic versions

		Dimensions [mm]								
Characteristics		C4 Console unit			C5 Console unit			Console monitor		
Category	Size	x	y	z	x	y	z	x	y	z
CAT2	22" TFT	600	1090	1150	600	887	1168	566	107	388
CAT1	26" TFT	700	1090	1150	700	895	1168	642	133	436



Console monitor flush mounted

Alterations due to technical progress possible. Detailed technical information is available from:

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