



**SCAFFOLDING SYSTEMS** | MARITIME INDUSTRY



# MARITIME INDUSTRY

SHIP CONSTRUCTION AND MAINTENANCE

MARITIME INDUSTRY | BROCHURE 01  
2023-01-EN

STRONGER. **TOGETHER.**

 **scafom-rux**





# SCAFOM-RUX

## YOUR PARTNER FOR PREMIUM QUALITY SCAFFOLDING SYSTEMS

Thanks to our more than 40-year-long experience as a partner in designing, manufacturing, and delivering highest quality scaffolding equipment for the maritime industry, Scafom-rux provides smart solutions for every challenge. But we also take a partnership beyond being a premium supplier of scaffolding systems and materials. Our mission is to add more value to your business by providing you with

- High-quality and well-thought-out scaffolding solutions, recognized by important players in the maritime industry worldwide. Our galvanization technology ensures that our products can withstand the harsh conditions in marinas and shipyards.
- Our excellent customer service is the right contact for questions, feedback and individual solutions.
- Individual trainings enable your team with the right handling of our equipment - thus to speed up construction times, ensure proper ergonomic handling, and guarantee safety.
- Flexible solutions including attractive rental agreements, rent-and-buy options, or replacing your current equipment.
- Technical engineering support by experts, ensuring the most efficient and safe implementation of your project.

## SCAFOM-RUX SUPPORTS YOU WITH RELIABILITY IN ALL MATTERS



### MOST COMPLETE PORTFOLIO OF SCAFFOLDING MATERIAL

The material and devices used in the maritime industry must withstand greatest heat on the one hand and must be easy to handle even in confined spaces on the other. Therefore, it is also essential that you can rely on the quality and safety of the scaffolding systems that are needed for your work.



### EXCELLENT CUSTOMER SERVICE

As a family-owned business, we know that honest communication and being on the same level with our customers is a crucial part of making a project successful. We understand the special requirements and challenges faced in the maritime industry and are dedicated to provide you with detailed advice and support.



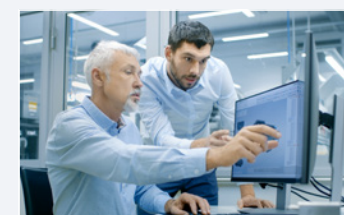
### TRAININGS AND SEMINARS

The optimum planning, the correct handling, and the ability to know what to do in case of an emergency, are equally important as high-quality scaffolding. Benefit from our trainings and learn how to conduct examinations, what to do when a special scaffolding configuration is needed and how to work safely even when greatest heat is used and angled areas need to be reached.



### FLEXIBLE SOLUTIONS

A successful project does not only demand careful planning but also some amount of flexibility. The project duration can be extended unplanned or a short-term need for additional material supply can arise. In those cases, Scafom-rux supports you with a fast delivery of material or flexible rental solutions.



### TECHNICAL SUPPORT

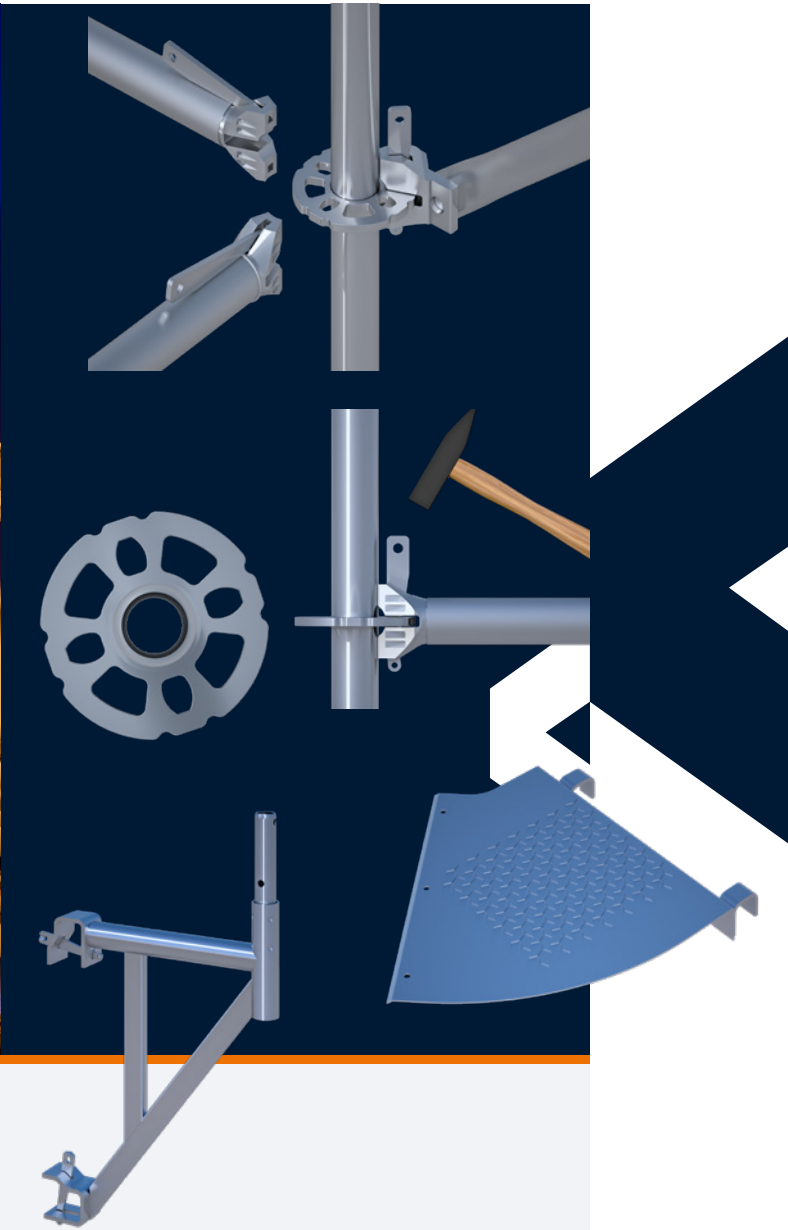
The careful planning of a project is essential to ship building and ship maintenance. But it can be a tough challenge when space is scarce and greatest precision is required. Erecting a safe and stable scaffold must be possible even when difficult areas need to be reached. Scafom-rux' engineers are dedicated to take on every challenge you might face.





# RINGSCAFF

MODULAR SCAFFOLDING



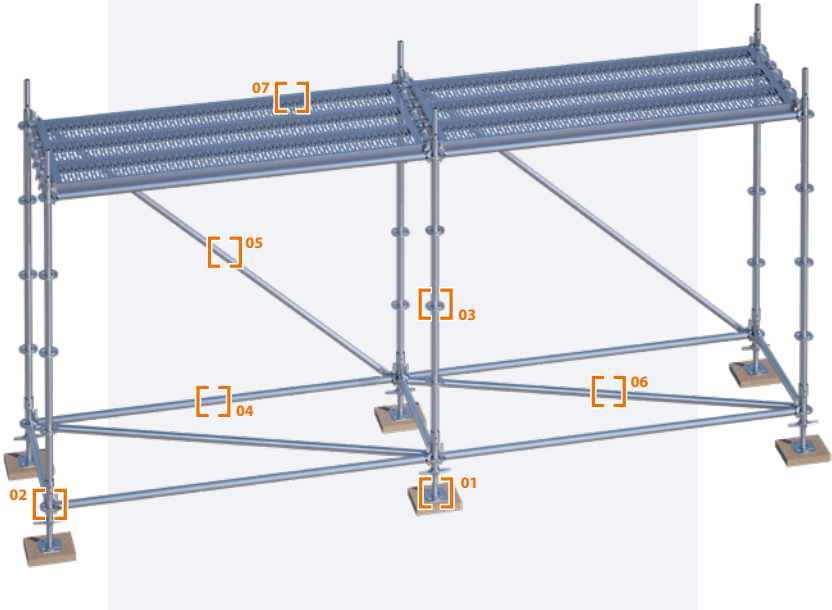
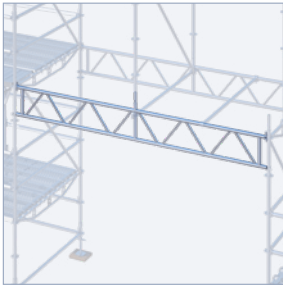
## A SIMPLE SYSTEM, QUICK ASSEMBLY AND DISASSEMBLY

Scaffolds in shipbuilding need to be stable, versatile, safe and efficient. These are the main advantages of RINGSCAFF, the modular scaffolding system by Scafom-rux. Tested by independent bodies, officially certified and compatible with other systems on the market.

- Certificate: Approval Certificate No. Z-8.22-869.
- Compatibility: Mixing Approval No. Z-8.22-901 and Z-8.22.911.
- Load capacity up to 6,0kN/m<sup>2</sup>.
- International certification (complies, among others, with EN 12810/ EN 12811).
- Robust construction.
- Long life-span



- 01 Spindles. Adjustable bases.
- 02 Base collar. Vertical standard.
- 03 Vertical standard. From 0.50 to 4.00 m.
- 04 Horizontal ledger. In "07" or metric dimensions.
- 05 Vertical diagonal.
- 06 Horizontal diagonal.
- 07 Platform. Load capacity up to 6,0kN/m<sup>2</sup>.





# ROOFS

LIGHTWEIGHT AND MODULAR

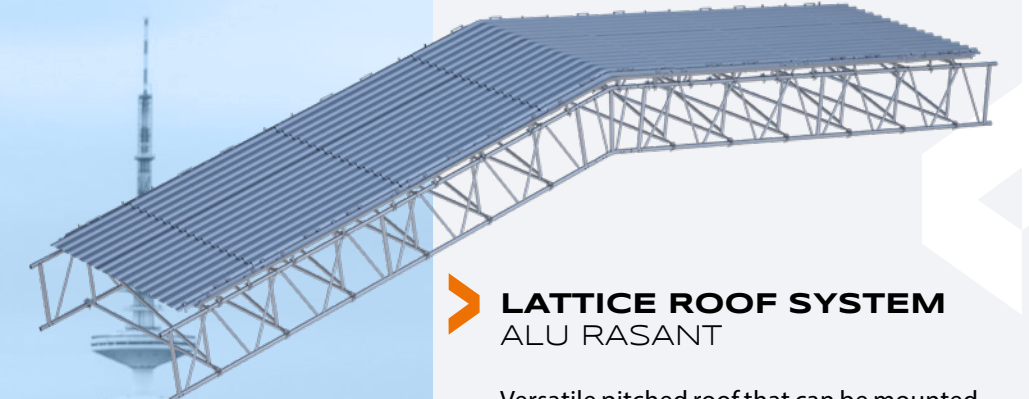


## LATTICE ROOF SYSTEM ALU RASANT

Versatile pitched roof that can be mounted on any type of scaffolding as a base. ALU RASANT can be opened at any point, allowing for material supply even in the most angled and confined spaces.

The solid cassette roof is composed of a galvanised steel frame and a corrugated aluminium sheet, which reduces the weight by 35% compared to traditional systems.

The system has lattices of 0.40 m - 0.70 m and 1.00 m, allowing the design to be adjusted to every need, with spans of up to 30 m. More than that: the cassettes can also be fitted vertically as a temporary wall structure.



## THREE ROOFING SYSTEMS TO SUIT EVERY NEED

### TENT ROOF LIGHTWEIGHT ROOF SYSTEM



Bad weather conditions can make essential work stages such as welding, blasting and painting extremely difficult. To make this a thing of the past, roofs are indispensable. Scafom-rux' lightweight tent roof can be assembled as a flat or gable roof and mounted on any scaffolding system. Tarpaulin roofs for spans up to:

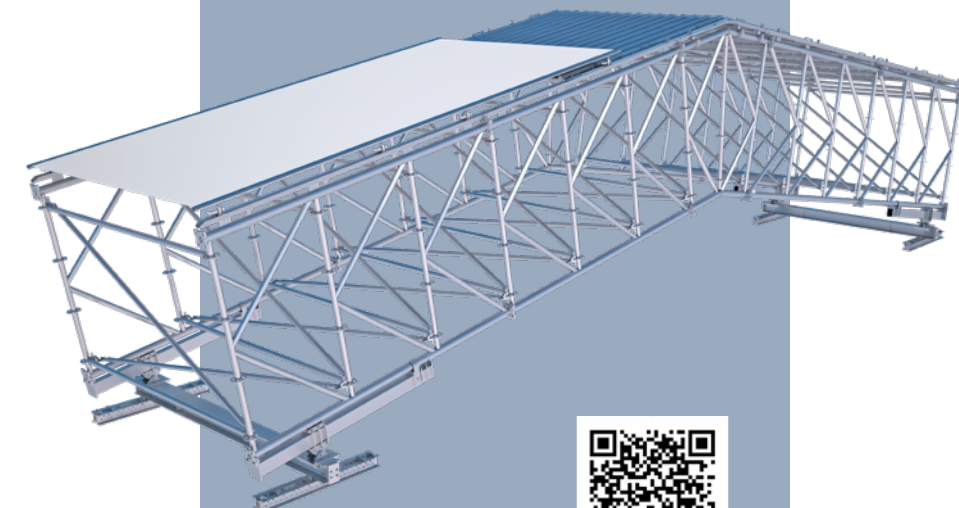
- 10 m for flat roofs (75 kg/m<sup>2</sup>).
- 15 m gable pitched at 18° (75 kg/m<sup>2</sup>).
- 20 m a gable pitched at 18° (25 kg/m<sup>2</sup>).



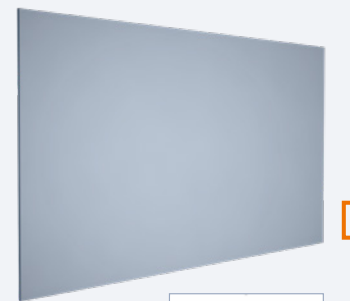
### MULTI ROOF MODULAR ROOF SYSTEM

Maximum flexibility thanks to MULTI ROOF's compatibility with any type of scaffolding. Designed for 2-pitched roofs it can be used with both canvas and corrugated aluminium sheeting systems.

- 1.80 m long crossbars made of "K" -frames, which improve the load capacity.
- Allows up to 45 m spans without the need for tensioning straps at the bottom.







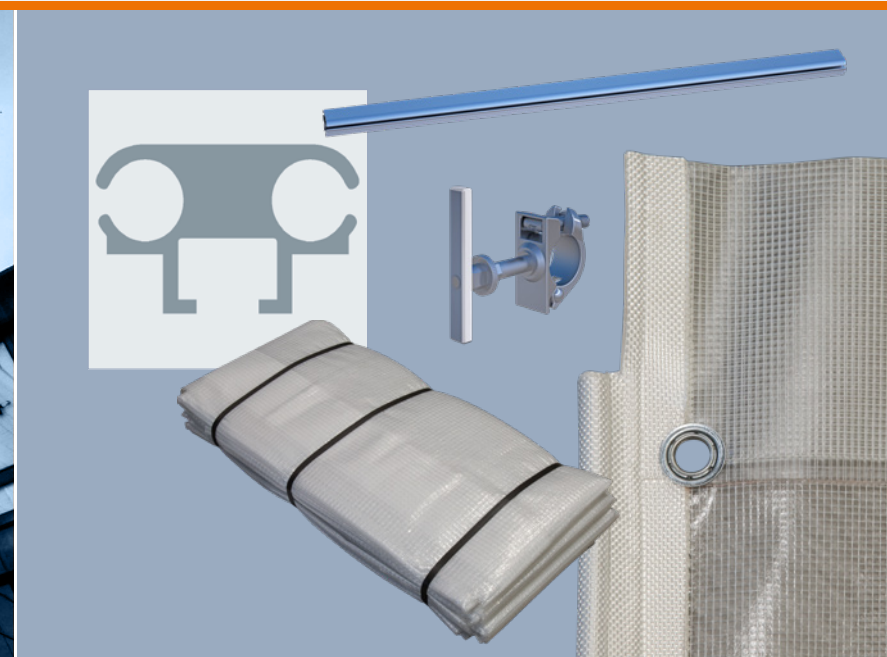
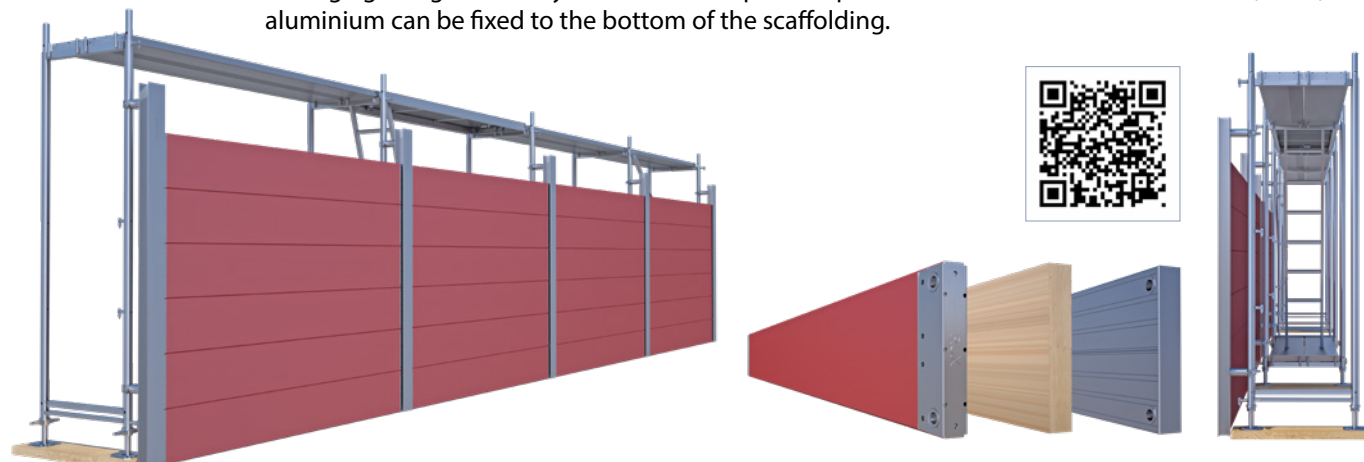
- 01 Rail coupler**  
Universal
- 02 Rail coupler**  
Ringscaff
- 03 Vertical rail**  
Joint panels
- 04 Vertical rail**  
Joint corner
- 05 Horizontal rail**  
Aluminium

- 06 Joint horizontal connector**  
for corners
- 07 Joint horizontal connector**  
for aluminium rail
- 08 Panels**  
Transparent, opaque white, screen-printed or wooden



## STABLE ENCLOSURE

The smallest defect in a ship's construction can have serious consequences. That's why SCAFFGUARD offers robust protection so you can achieve the most precise and safest results without avoidable damage getting in the way. Panels or even planks up to 5 cm thick made of treated wood, steel, or aluminium can be fixed to the bottom of the scaffolding.



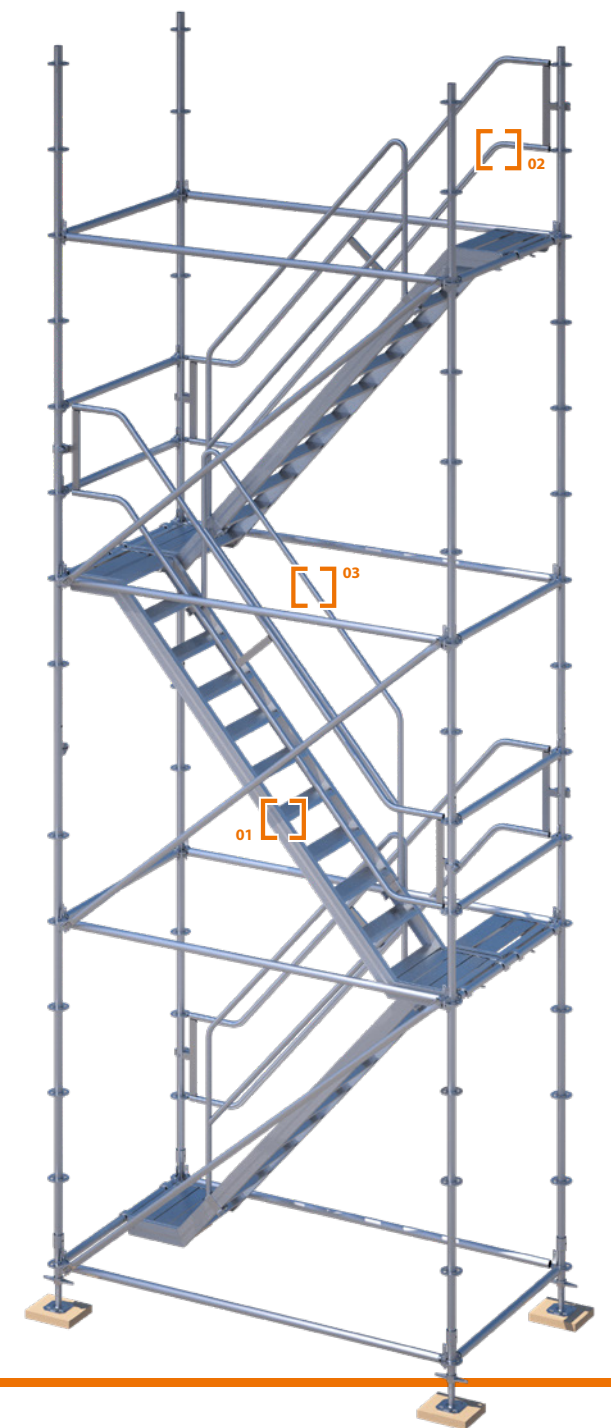
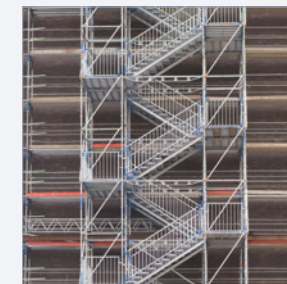




# STAIRS

SAFE PERSONNEL ACCESSSES

- 01 Aluminium stairs**  
Leightweight and easy assembly
- 02 Exterior rail**
- 03 Interior rail**



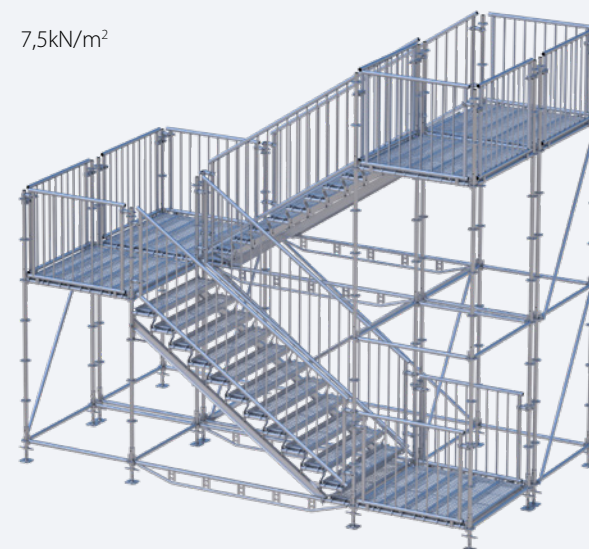
Every customer need is covered by our wide range of solutions for access to any height.

Our system makes it possible to integrate the shoring into the scaffolding itself. This will be a key feature in the future of the most demanding sectors like shipbuilding and maintenance.



Adaptability is crucial in shipbuilding and maintenance. Our Stairtowers can be designed for each individual use case and required load-bearing capacity. **Choose the number of legs and suitable stairs for different load capacities:**

7,5kN/m<sup>2</sup>

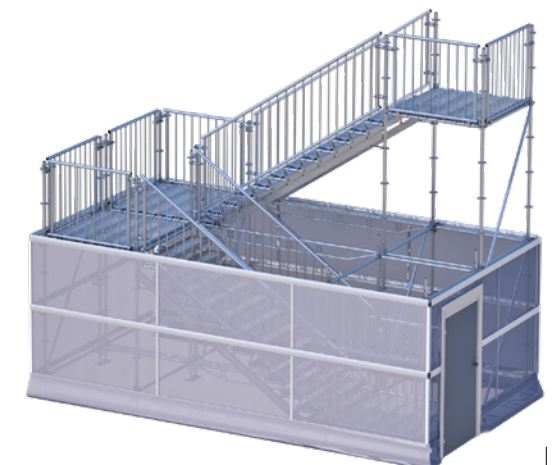


2kN/m<sup>2</sup>



## Well considered:

For staff only! In combination with the SCAFFGUARD cladding system, only authorised personnel have access to the construction site. A door can be easily installed here that prevents unauthorised access and at the same time allows unhindered escape to the outside in case of emergency.







# TRAININGS & SUPPORT

FOR YOUR INDIVIDUAL PROJECT

## TRAININGS BY EXPERTS

- Our Technical and Sales team has extensive experience in multiple sectors including the maritime industry. We support you with the planning of your projects, collaborate with you during the implementation and provide you with training:
- Courses for construction workers make your staff specialists in the assembly of our systems.
  - Trainings for supervisors, ORP technicians, and accredited personnel to check and certify the scaffold once it has been erected. We will help you to draw up the checklists for the correct assembly of a system.
  - Trainings for scaffolding calculation and technical design, with the possibility of working together in the implementation of projects and procedures as well as in the assembly and use of each scaffolding system.

### TECHNICAL ENGINEERING SUPPORT

For the most efficient planning of your project, sometimes a little help is needed. The engineering team at Scafom-rux is happy to support you with several scaffolding and technical services to make your project a success including

- Creating designs, drawings and statical calculations before and during your project
- Technical support during your project
- Visits to the project site if needed
- Visits to your project site if needed
- Full planning of your scaffolding project from start to end

## CERTIFIED AND APPROVED

All Scafom-rux scaffolding systems are tested, certified, and regularly audited for their quality, durability, and adherence to industry wide standards. The high quality and safety of all our products is certified by several independent authorities worldwide such as the German Institute for Building Technology (DIBt), the French AFNOR, the English NASC, the Swedish SP and the Spanish AENOR institute. This always guarantees you maximum safety when using our products.

User-friendliness, high technical demands and safety standards are the main focus of our engineers. So, it is no surprise that the highly versatile RINGSKAFF system has been awarded with no fewer than eight European certificates and approvals



Certificates DIBt, AFNOR & AENOR

## BENEFIT FROM SCAFOM-RUX OWN PRODUCTION

The running of our own production facilities gives Scafom-rux full control over the entire production process and quality assurance. Our five factories in total are located in China, Belgium, Poland and Romania and guarantee our customers easy and fast access to our products and the highest quality and safety standards. A skilled and certified workforce and modern equipment ensures that customers can always rely on the high quality of Scafom-rux products.

Our own quality assurance process starts with the selection of the suppliers of raw materials and continues throughout the entire production chain until the goods are safely loaded for shipping and transportation.





# SCAFFOLDING PROJECTS

IN THE MARITIME INDUSTRY

Small material supply possibilities, harsh weather conditions and cramped or angled working spaces are just some of the challenges you face in the maritime industry. With the versatile Scafom-rux scaffolding systems you can safely implement projects in shipbuilding and ship maintenance.



Watch the project  
video here.



## RENOVATION WORK IN LNG-CARRIER

In shipbuilding and maintenance, scaffolding must be adaptable to the individual shape of a ship and be particularly resistant. For the tank membrane replacement in an LNG-carrier, Scafom-rux client GABADI S.L. assembled a working platform with 800 tonnes of RINGSCAFF material.

### SCAFFOLDING CHALLENGE:

Material supply was only possible through a single opening in the ceiling of the tank. Special parts were required because of the octagonal shape of the tank. Also, the sensitive membrane material had to be protected from contamination with dirt.

### SCAFFOLDING SOLUTION:

Material deliveries were adapted to the assembly order inside the tank. Special parts were rented for optimal cost efficiency. The rented scaffolding material was also new and clean to avoid contamination QUQR of the membrane.



## YOUR GLOBAL PARTNER FOR SHORING AND SCAFFOLDING

Scafom-rux is a manufacturer, distributor, and rental supplier of premium quality scaffolding solutions. Our entire team is dedicated to understanding the needs and requirements of scaffolding professionals in the maritime industry. Complemented by additional services like professional training or technical engineering, we can provide advice and expertise to find the best possible solution for every scaffolding project worldwide.

For more information about Scafom-rux, our scaffolding products, projects and services, please visit [www.scafom-rux.com](http://www.scafom-rux.com) or our YouTube channel [www.youtube.com/c/scafom-rux-scaffolds](https://www.youtube.com/c/scafom-rux-scaffolds).

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