

KEEPING AND INCREASING
YOUR COMPETITIVE EDGE IN
THE MARITIME MARKET



SMK

We have been successfully advising the maritime industry at home and abroad since 1995. What can we do for you?

Managing Directors

Hans Matthiesen
Ingo Herrmann
Matthias Hofmeister

Head of Design

Matthias Hofmeister
Ingo Herrmann

Employees

12 employees
thereof 9 designers

Projects

over 100 projects of different shiptypes
thereof more than 50 mega yacht projects
including 10 of the largest 20 yachts
newbuilding and refit

SMK Ingenieurbüro GmbH

Söhren 52
24232 Schönkirchen

www.smk.de

SMK

History and Introduction

1995

SMK Ingenieurbüro GmbH founded

- Systemmanagement CAD/CAM
- Project Management
- Steel structure design (Konstruktion)

1998

Expansion of the portfolio founding SMK Konstruktionsbüro GmbH for

- Outfitting design and construction
- Mechanical engineering and Coordination

2003

Both companies became independent premium partners

- Located in same building
- Using the same IT-infrastructure
- Complement each other during processing of projects

2019

Frame contract for engineering services with 2 German yards

2020

25 years of SMK

2023

Generation change of share holders and managing directors





SHIPBUILDING PROCESS

- ✓ **Steel Basic Design**
 - FEM Calculations (Global strength / Vibration / Fatigue / Local strength)
 - Coordination Model
 - Classification calculation and documents
- ✓ **Steel Detail Design**
 - Hull fairing / Setup and prepare surface models
 - 3D detail construction (curved/plane parts) / Foundations / Outfitting
 - Production drawings
 - Production information / Numeric (Experience for any fabrication location)
- ✓ **Fabrication**
 - (On-Site) Engineering assistance
 - Assembly planning
- ✓ **Repair, Refit**
 - Recording actual state
 - Evaluation and developing solutions
 - Detail construction and production information
 - On-site / Expert consultations

THE MARITIME INDUSTRY
IS CHANGING FASTER THAN
EVER BEFORE

Our aim is always to be one step ahead of these changes. With us you achieve a competitive advantage over your rivals in engineering design.



GESELLSCHAFT
FÜR **SYSTEMBERATUNG**
PROJEK**TMANAGEMENT**
UND **KONSTRUKTION** mbH

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How can we help you?

ADDITIONAL SERVICES

- ✓ Project management
- ✓ Coordination support for steel structure and outfitting design
- ✓ CAE Support (Aveva / Cadmatic / Almacam / Siemens NX)
- ✓ Software development
- ✓ Supervision (Site management / Steel structure / Outfitting)
- ✓ Quality assurance (drawing approval / computer based QC)
- ✓ Process optimization

SPECIAL AND SYSTEM CONTAINER DESIGN

- ✓ Calculation and documents for approval
- ✓ Construction of container body
- ✓ Integration and construction of equipment (e.g. foundations, consideration of interfaces of special equipment parts)

