



**FLENSBURGER**  
SCHIFFBAU-GESELLSCHAFT

### **Shipbuilding**

1. Newbuilding of merchant vessels up to 80.000 tdw.  
Present emphasis: RoRo and RoPax ferries
2. Newbuilding of naval support vessels
3. Newbuilding of heavy lift and off-shore vessels

### **Staff**

- Total workforce 750

### **Design**

- Large in-house design competence: 160 highly qualified design engineers
- High design flexibility and short development processes
- Computerized hull line optimisation, strength calculation, sea keeping analysis

### **Facilities/Equipment**

- Prefabrication
  - profile cutting facility for bulb flats (HP) and flat steel with plasma cutting robots
  - modern 12 m wide panel line with material friendly handling devices
  - girder line with shielded arc welding equipment
  - numeric controlled gas cutting machines
- Fully covered building berth 280 m x 50 m x 50 m, assembly hall for 80 t sections, assembly area for modules with a total weight of 220 t, combined shot blasting and painting halls, 250 t heavy lift transporter (KAMAG)
- Slipway: 220 m length and Panmax breadth, crane capacity up to 240 t
- Outfitting pier 160 m with 2 quay areas, two cranes with 42 t and 60 t respectively, depth of water 9 m

**Flensburger Schiffbau-  
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### **Other activities/services**

- Consulting support with emphasis on hull line optimisation, direct strength and fatigue calculation, sea keeping behaviour
- Optimisation of intermodal transport chains by simulation
- Process optimisation by logistics simulation
- Crew training by in-house manoeuvring simulation

DIN EN ISO 9001:2008 and DIN EN ISO 14001:2009 certified