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# Harbour Repair & Workshop Services

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**Blohm+Voss**

Our extensive facilities  
provide room for innovation  
and excellent service





## About us

With our mobile equipment, we are able to carry out repairs whilst a vessel is afloat and berthed during cargo operations to reduce the risk of delays to a ship's schedule. We provide quick execution of any repairs on deck and in the engine room to high quality standards especially when under strict time constraints. Among our services, we offer sophisticated engine repairs, extensive pipe renewals, cargo gear surveys and hull damage repairs – all of which can be completed without the vessel having to relocate to our shipyard.

**In addition to our standard services, we offer:**

- *Sandblasting and cleaning equipment*
- *Acid bath for charge air coolers*
- *Storage capacity for small and large parts and a warehouse offering spare parts*
- *A paint-spraying hall*
- *Pipe production centre*
- *Dedicated flying squads*
- *Material testing equipment*
- *Complete project management and documentation*
- *Customs processing and shipping*
- *Hot-work permit for the port of Hamburg*



## Our workshop

### SHOP FLOOR KEY DATA

Total available floor space	(in m)	11 x 11 / 13 x 25
Max. floor load	(t/m <sup>2</sup> )	30
Access gate	(W x H in m)	8 x 10
Crane installations (gantry) and various rotary cranes		Maximum load (tons)
Lifting height in m	10.4	1 x 80 / 1 x 60 / 1 x 10
Lifting height in m	8.4	1 x 20 / 2 x 10
Shipyards HGV		
	Maximum load (tons)	290
	Maximum area (metres)	6.2 x 18.0

### LATHES

Quantity	Workload (tons)	Length (metres)	Diameter (millimetres)
1	140.0	20.0	2,300
1	30.0	10.0	1,500
1	5.0	5.0	900
1	1.0	3.0	520
1	0.5	1.6	540



**BORING MILLS** (all axis and table dimensions in millimetres / maximum work load )

Type		Tons	X	Y	Z	W	Rotation	Table
SCHARMAN WF 13 (with faceplate )	CNC	25	3,000	2,200	1,000	1,000	360°	2,000 x 2,000
SCHARMAN FB 132 V <sub>2</sub> (with faceplate )	CNC	5	2,000	1,600	1,000	800	360°	1,500 x 2,000
UNION BFK 130	CNC	8.5	2,000	1,250	1,600	400	360°	1,250 x 1,600
SCHARMAN EcoCut	CNC	8	2,000	1,190	1,000	700	360°	1,000 x 1,450
SCHARMAN FB 80	con.	1	1,200	1,000	800	n/a	n/a	1,000 x 800

**ADDITIONAL TOOLS AND EQUIPMENT**

Open-side vertical boring mills		
Type		KE 20                      20 DKE 160
Faceplate (Ø in millimetres)		2,200                                  1,600
Max. workpiece (Ø in millimetres)		2,400                                  1,700
Max. workpiece (height in millimetres)		1,400                                  800
Belt saws		
Max. material (width in millimetres)		1,650
Max. material (height in millimetres)		1,840

## Quality and safety without compromise

We are committed to meeting our customers' quality requirements throughout all phases of each project at all times. Our quality management processes ensure our orders are implemented and executed in an efficient and effective way to comply with the specifications of our customers.

We continually invest in the skills of our workforce, and the use of the most up-to-date manufacturing technologies. Internal and external audits and a company-wide improvement programme show us our improvement potential on a regular basis.

We meet the requirements of the following international standards and comply with all legal requirements:

INTERNATIONAL STANDARDS	
DIN EN ISO 9001	Quality management system
DIN EN ISO 14001	Environmental management system
DIN EN ISO OHSAS 18001	Occupational health and safety management
SCC (Safety Certificate Contractors)	Health, safety and environment management system

We are also always looking to improve our carbon footprint and to ensure that we offer green technology where it is available. Due to new legislation, we are consistently upgrading our shipyard and training our workforce to meet these measures where possible. We are able to fit scrubbers, new ballast water treatment systems, low-sulphur SOx and employ HTC methods among other new environmentally aware technologies.



SAFETY FIRST

## A safe workplace, a responsible workforce

Wherever we work and throughout every project, our priority is the health and safety of our employees and partners. We are committed to making sure everyone who works on or around our shipyard goes home safe every day. We monitor, document and effectively manage health and safety during each project to ultimately deliver an optimal service to our customers.

Openness and transparency are essential, and we continuously communicate health, safety and environmental policy. We are committed to acting responsibly and we implement the highest sustainability standards. We work hard to minimise our ecological footprint and prevent environmental damage. Our goal is to avoid environmental pollution and we strive to reduce the use of resources and energy or harm wildlife.