



FB

Ship Frame Bender

Dual-Arm Frame Bending System for precise and repeatable bending of bulbs and profiles

Applications



SHIPBUILDING

**BENDING
FORCE**
Up to
700 tons

HP PROFILE
Up to
HP430

FB

Ship Frame Bender

Dual-Arm Frame Bending System for precise and repeatable bending of bulbs and profiles

The **Faccin FB** is a heavy-duty horizontal **Frame Bender** specifically designed for bending **HP profiles, T-sections, flat bars, and equal or unequal angles** used in ship hull structures, delivering up to **700 tons of bending force**.

The **central clamping system**, combined with **dual active bending arms**, enables both **positive and negative bending** without rotating the profile, significantly reducing handling time and eliminating repositioning during frame fabrication. The result is substantially higher productivity compared to conventional horizontal bending machines.

High-speed hydraulic movements ensure efficient fabrication, while delivering consistent **radius accuracy** and **repeatable bending results**, making the FB the ideal solution for **high-volume shipyard production**. For maximum efficiency, the machine can be equipped with the **CNC control system** that automates profile feeding and bending operations, delivering consistent results with minimal operator intervention. Additional **handling devices** are available to further optimize material positioning and streamline the production process. The entire FB **engineering and manufacturing process** is managed **in-house** and subject to strict controls.

Key Benefits

- **True bidirectional bending capability for positive and negative bending without profile rotation**
- **Two profiles bending at the same time** (Increased productivity in serial frame production)
- **High repeatability and consistent radius accuracy.**
- **Synchronized hydraulic movements for controlled and repeatable bending cycles**
- **Reduced operator dependency**

Features & Accessories

Dual active bending arms with central clamping system

Heavy-duty structural design engineered for shipbuilding profiles

Wide processing range for bulbs/ HP profiles, T-sections, flat bars, angles and structural profiles



FACCIN

is a brand of the Faccin Group

Via dell'Industria, 19 - 25010 Visano (BS) - Italy
Tel: +39 030 67 29 300 - info@faccingroup.com

www.faccingroup.com

