



RP

3-Roll Bending Roll-Press for Shipbuilding

Consistent radii across wide hull plates thanks to anti-deflection technology

**FORMING
FORCE**
Up to
3000 tons

**PLATE
WIDTH**
Up to
20m

Applications



SHIPBUILDING

RP

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The **Faccin RP 3-Roll Bending Roll Press** is a dedicated solution for shipbuilding, designed to form **long hull plates up to 20 m (65.6 ft)** into **open shell sections**. With forming forces up to **3,000 tons**, these over-dimensioned roll presses combine **high rolling capacity** with the flexibility required for modern shipyard fabrication.

A solid, oversized structure and two hydraulic cylinders installed on the uprights ensure accurate rolling of **high-strength shipbuilding plates**, including **conical and asymmetrical hull sections**. Stable geometry and repeatable results help achieve **tight tolerances**, while the latest electronic pump control system ensures highly accurate positioning.

Depending on the configuration, the RP operates **both as a bending roll and as a press**, combining the speed of rolling with the versatility of press forming.

An advanced **roll anti-deflection system** enables the rolling of both **large and small radii** without compromising maximum plate thickness capacity.

The entire RP **engineering and manufacturing process** is managed **in-house** and subject to strict controls.

Key Benefits

- **3-roll configuration, with hydraulic cylinders mounted on the upright.**
- **Independent roll movements, allowing efficient forming of open, conical and asymmetrical shell sections typical of ship hull structures.**
- **Over-dimensioned and rigid machine structure to minimize foundations depth.**
- **Advanced roll anti-deflection system.**

Features & Accessories

Siemens CNC control for precise and repeatable rolling cycles

Motorized feed tables and plate supports for stable handling of long plates

Automatic plate alignment systems for reduced setup time

Crane handling solutions for plates and tooling integration

RSM – cloud-based Remote Service Management



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