



MORGAN NO-TWIST MILL STANDS

HIGHEST PROCESS RELIABILITY, IMPROVED PRODUCT TOLERANCES

Morgan No-Twist® rolling stands offer a simple way to make existing mills more profitable by increasing tonnage rates, expanding size range, and improving quality.

Ideally suited for rolling mills producing 8 mm to 25 mm, adding stands to existing mills can increase productivity, permit the rolling of more sizes and grades of aluminum and copper and offer refined control of product dimensions for improved tolerances.

Independently driven rolling stands are configured in a repeating horizontal and vertical No-Twist orientation to produce optimal product quality. The roll housings have a cantilever design to allow quick roll changes via a simple-to-use hydraulic roll mounting and removal system.

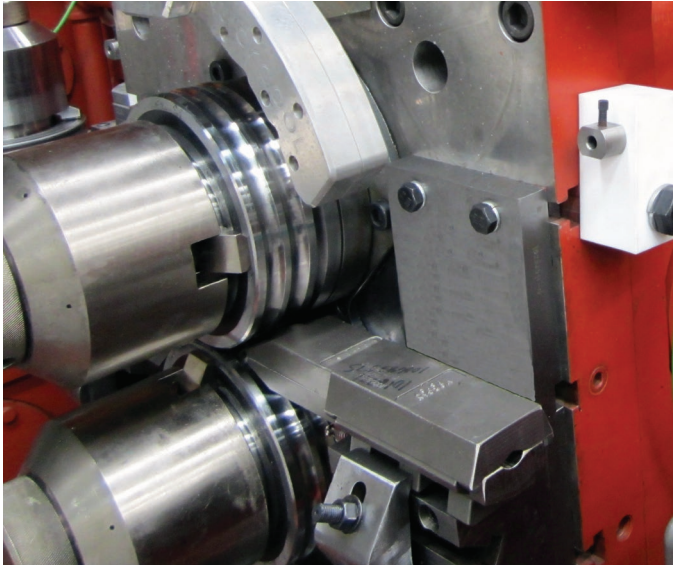
Stands are installed on a common base with a robust enclosure to contain soluble oil and reduce any environmental impacts. In the event of a cobble the enclosure safely contains rod from escaping into the work area.

FIELD OF APPLICATION

Non-ferrous long rolling mills

MAIN BENEFITS

- Flexible design for new installations or retrofits
- Increases production rates when installed ahead of existing stands
- Expands product size range/improves size tolerances with downstream stand installation
- Maximizes roll utilization with multi-groove rolls
- Capable of multiple roll regrinds
- Increases separation force capacity and reduces maintenance cost with proprietary oil film bearing design
- Roll cooling spray headers and high-pressure descalers for stripping oxides are standard features



Roll stand with multi-groove rolls



Modular rolling mills with H-V arrangement

PRODUCT FEATURES

- High load capacity
- Independently driven stands
- Low maintenance oil film bearing design
- Multi-groove rolls for maximum roll utilization
- Hydraulic roll mounting and removal
- Universal stand design allows interchangeability from one stand position to another
- Integrated cobble detection
- Roll cooling and descaler sprays
- Interlocks with mill controls

TECHNICAL DATA

Production rates	up to 54 tph
Product sizes	8.0 - 25.0 mm
Grades	Cu & Al EC & Alloys
Stand sizes (mm)	530, 450, 300, 200

SERVICES

- Integration engineering - customized solutions
- Erection advising - planning and supervision of installation to minimize disturbance of operations
- Commissioning - expertise provided for start-up and training on system operation
- Maintenance - system designed for long life
- Spare parts - customized program minimizes inventory and controls cash flow

OTHER RELATED PRODUCTS

- Entry shear and table
- Rolling mill stands
- Hydraulic roll mounting
- Rolling mill lubrication systems
- Coil forming equipment
- Coil handling solutions
- Dual reel coiler and automatic unloader

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