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ISO 9001:2008

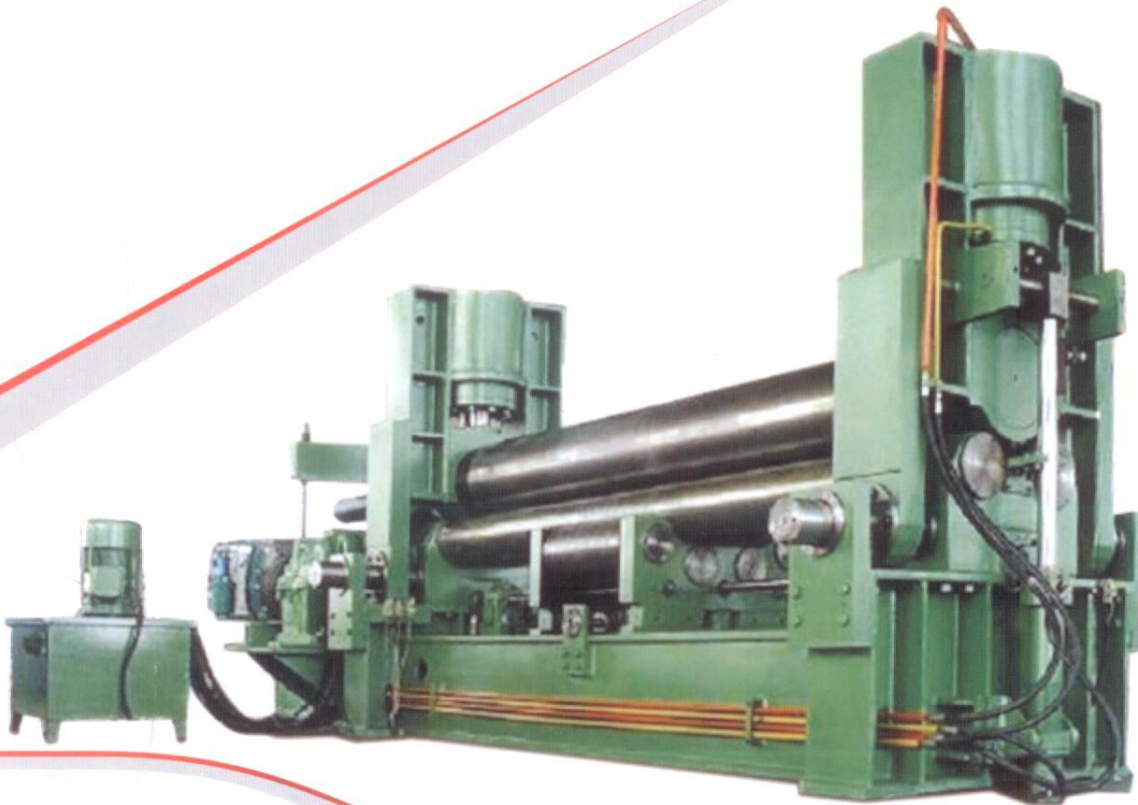


MonoTech

ENGINEERS PVT. LTD.

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Technical Literature for Plate Bending Machine

AUTOMATIC PLATE BENDING MACHINE

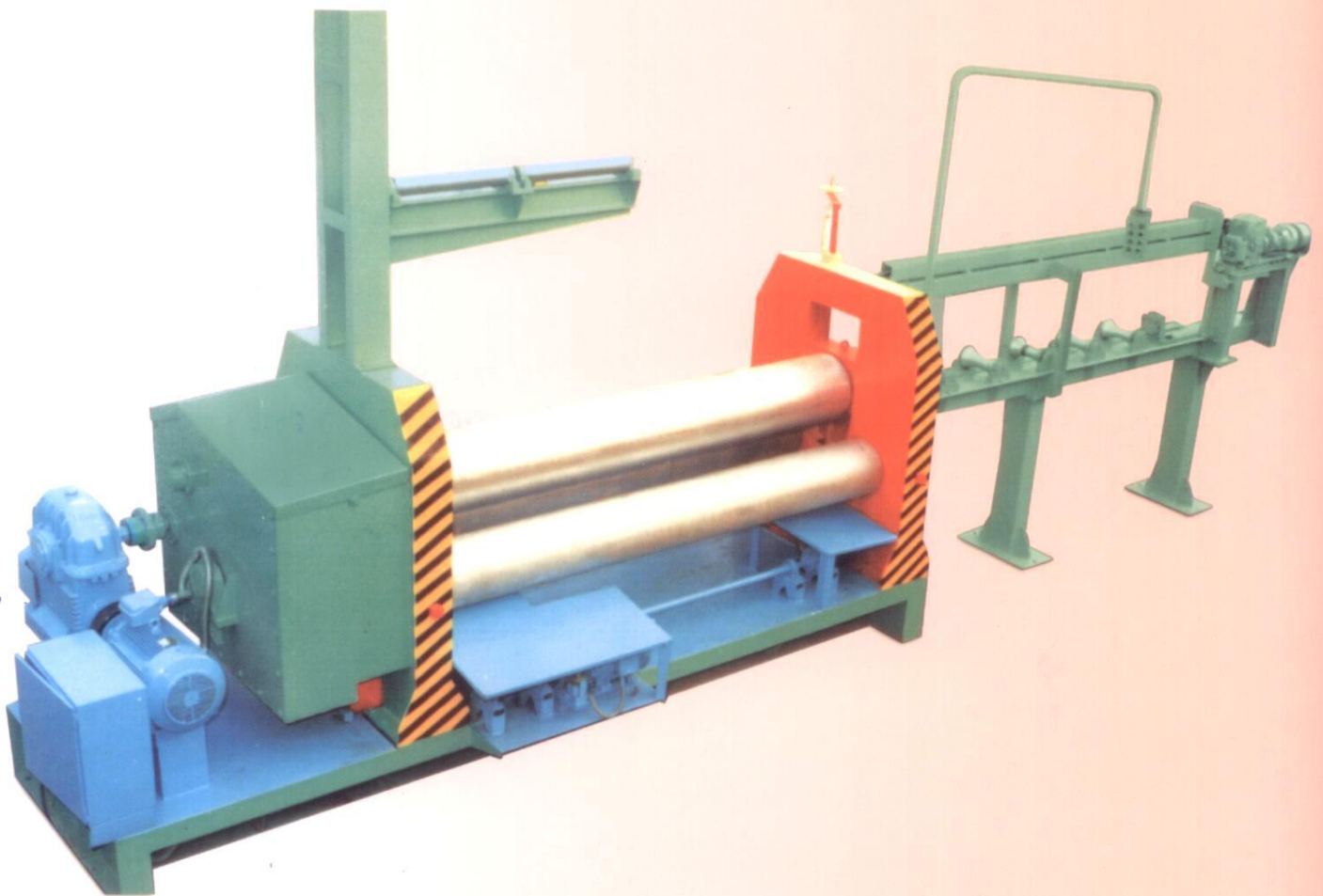
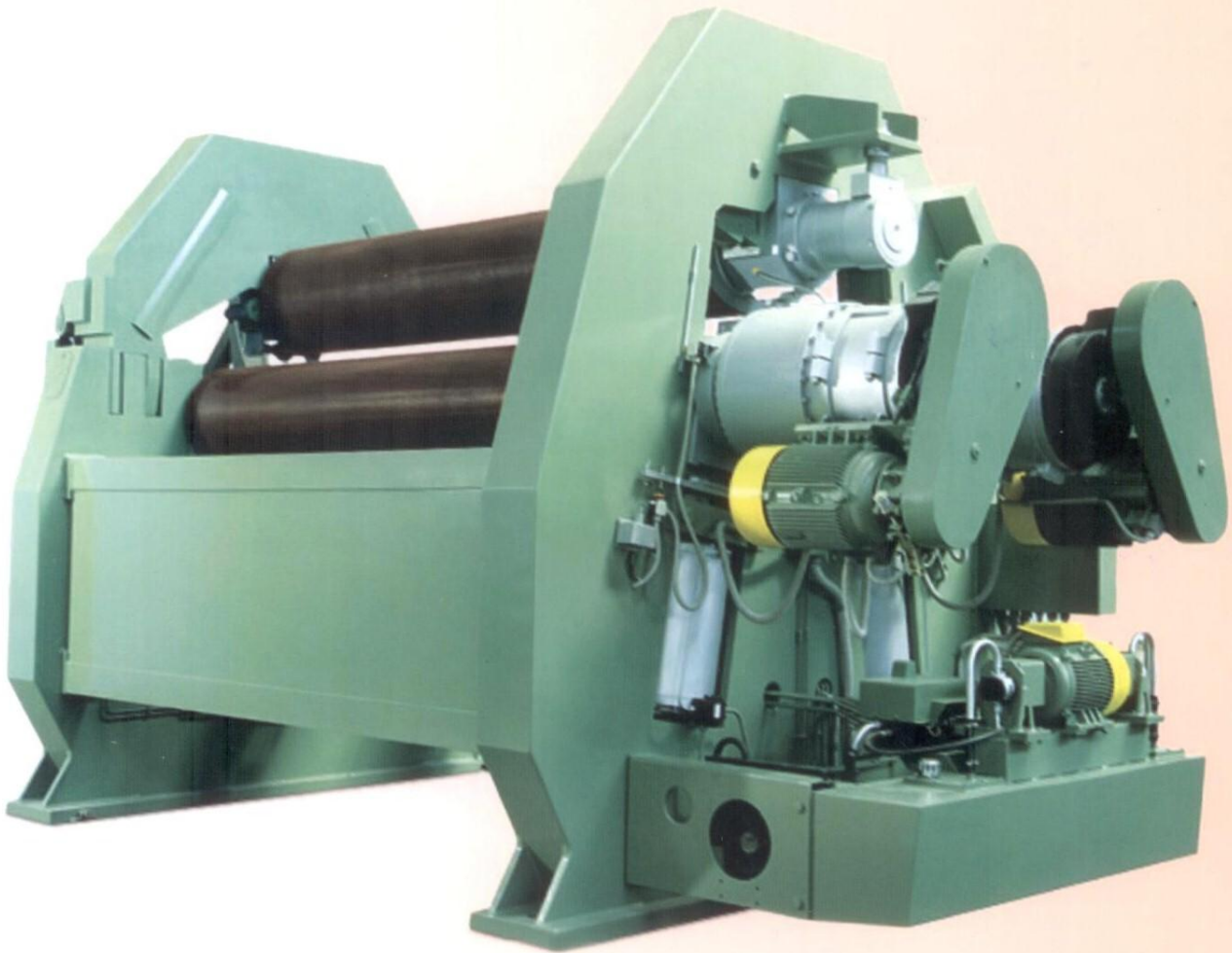
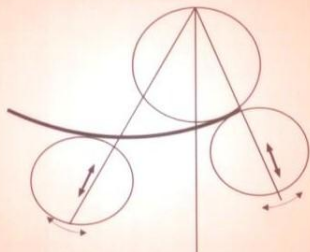


Plate Bending Machine Plate Bending Machine

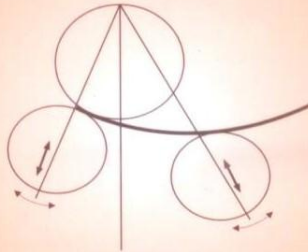
PRE PINCHING-AUTOMATIC PLATE BENDING MACHINE IN OPERATION



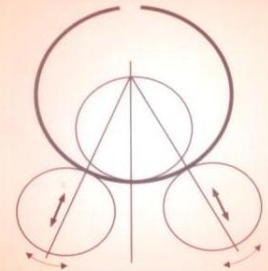
THE SYMMETRICAL THREE ROLL PRINCIPLE OF PLATE PRE PINCHING AND ROLLING



The plate is first lightly rolled over its full length. One of the bottom rolls is brought near the top roll and plate edge is brought close to the tangent point. By lifting the other bottom roll, plate edge is pre-bent (pre-pinch)



The positions of bottom rolls are reversed (Interchanged) for pre-bending second edge of the plate. Note that both the edges are pre-bent without turning the plate around.



The rolls are brought in pyramid formation and cylinder is completed. Note that an error in pre-pinching can be corrected even at this stage.

SALIENT FEATURES

- Overload protection with rupture discs relays and limit switches
- Electromechanical fall-safe brake
- Interlocked circuit with centralized push button operation
- Motorized semicentralised lubrication system
- Double prebending and rolling in minimum time
- Coaxial planetary Gear Drive
- Modern Design
- Study welded steel construction
- Precise controls
- Superb quality and appearance
- Built in conical bending feature
- Several optional features

OPTIONAL FEATURES

- Top roll drive for rolling thin plates
- Plate squaring (aligning) arrangement
- Small dia top roll for small shell rolling (for reduced capacity)
- Shell support system
- Computerised version
- Extended rolls for dies to bend tubes & sections
- PLC/NC Controllers



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