



TUBE MILL SYSTEMS



- Complete Tube & Pipe Mill Systems
- Featuring Computer Controlled Machine Functions for Dependable, Efficient Operation
- Simplicity in Design for Quick Tooling Changeovers and Friendly Operator / Machine Interface
- Available with High Frequency (HF), TIG and Laser Welding Systems
- Over 75 Years of Experience in Designing and Manufacturing Pipe and Tube Mill Systems

WELDER MECHANICALS

- Three (3) roll weld box with micrometer adjustment for each roll
- Tandem O.D. Bead Trimmer with air-quicklift on each tool
- Bead Winder
- Stabilizing / Ironing stand with manual quick top roll lift



SUB-BASES (RAFTS)

Stands and side idlers can be lifted from the main base. Lifting frame provided with rafts.

Quick Change Over



RT-SERIES ROLL STAND

- Designed for fast tooling changeover
- Outboard stand clamps are spring loaded
- Heavy C-washers bolted to the shaft for easy removal
- Acme threaded adjusting screw provides precision setting of the top shaft
- Roll stands and caps made of ductile iron
- Overload feature in the top shaft adjusting screw mechanism prevents shaft and housing cap breakage
- Top shaft equipped with micrometer adjustment
- Designed for low maintenance operation
- Optional: Single point top shaft adjustment

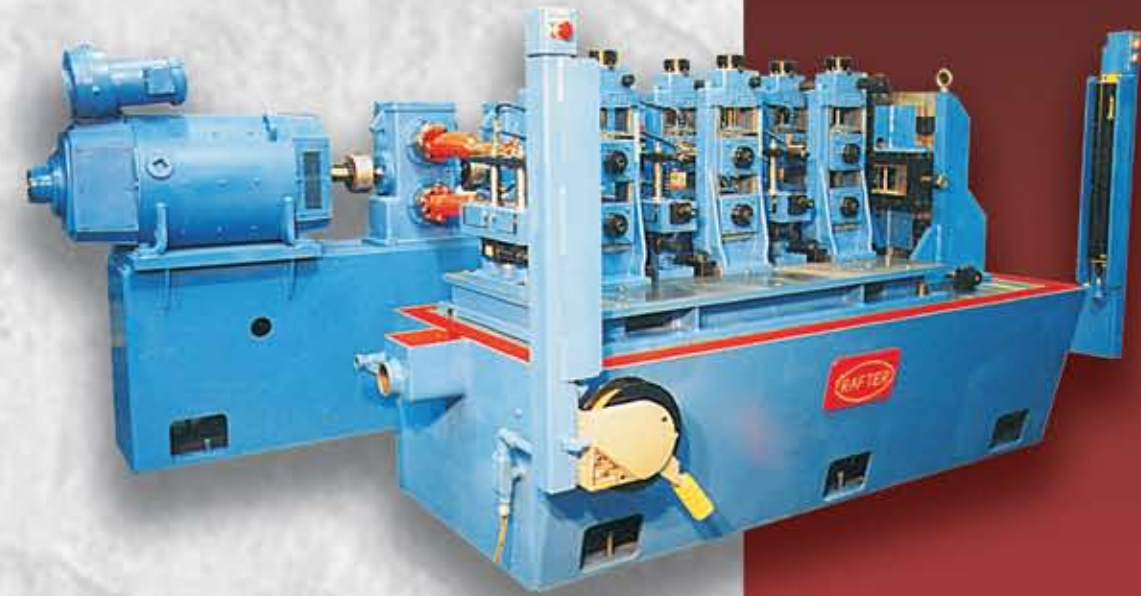


SIDE IDLER STANDS

- Vertical adjustment with lock-up screw
- Spindle blocks slide on heavy rods
- Spindles are bolted and keyed to blocks for easy replacement
- Single point screw for bank and individual adjustment of rolls about the centerline of the tube mill
- C-washers provided with top yokes for fast tooling changeover – no need to remove hex nuts

TUBE SIZING MACHINE

Roll Stands and side idler stands are mounted on sub-bases (rafts) for quick and easy changeovers.



CUT OFF MACHINE

High Speed Cut Off Machine



RAFTER EQUIPMENT CORPORATION



Rafter started in 1917 and has been in continuous Metal Forming Machinery Business for over 80 years. From its earliest days, the Rafter name has been known for reliable, high quality tube mill and roll forming equipment. Rafter machines are installed all over the United States and in industrialized countries around the world, with over 800 production lines in current operation.

Rafter manufactures high quality tube and pipe mills, roll forming machines, cutoff machines, auxiliary and other related tube and pipe mill machinery. Additional services offered include rebuilding and upgrading of tube mills, roll forming equipment and cutoff presses.

Rafter manufactures rafted machines. With this concept, the stands are mounted on rafts for quick and easy changeover from one set to another set of roll tooling. This low cost and efficient concept is widely accepted by tube producing companies in the United States and countries around the world.

Rafter has built an organization with aggressive and experienced personnel to provide reliable and efficient equipment in today's competitive market. Rafter is totally dedicated to provide state of the art equipment to the Tube and Metal Forming Industry.



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