



a division of Magnum Integrated Technologies Inc.

High-Production Sawing Systems





Your success is our goal.

LOMA has designed and installed a wide range of non-ferrous casting and material handling equipment throughout the world.

LOMA offers a complete line of material handling equipment to compliment our saws. Loading tables are easily integrated with feed conveyors for smooth, controlled stock movement. Crop and butt ends are easily discharged through built-in tilt sections or push-off devices. Weighing systems, cross-transfer discharge tables and inspection turn-over devices are also available. Whatever your requirements, Loma can supply you the right piece of equipment, including any combination of the following:

**Loading and Accumulation Tables
Cross Transfer, Entry and Exit
Conveyors**

Crop and Butt End Discharge Devices

Length Gauging Devices

**Automatic Stamping and Marking
Systems**

Inspection Stations

Turn Tables

Scale conveyors

Unloading Devices

Stacking and Bundling Stations



TILTING SAWS

LOMA'S Tilting Saws can be supplied for light metal or heavy metal cutting applications.

LOMA Saw Systems are designed and built for high speed, continuous operation. The power train features precision-ground helical gears mounted in anti-friction roller bearings. Wear is kept to a minimum by pivoting the saw gearbox on a tilt arbour, which is carried by heavy-duty pillow block bearings. While sawing, the tilt motion directs the cutting force downward. Consequently, the work piece is held in position not only by the hydraulic vise clamps but also the cutting action itself. The result is complete elimination of chatter and maximum saw blade life cycles between sharpening.

The saw cutting speed is infinitely variable and the automatic rapid return of the saw results in the fastest possible cycle times. Maintenance is practically non-existent because the arbour, bearings, gears and motor are positioned above the harsh work environment. Maintenance is simple because all components are easily accessible.

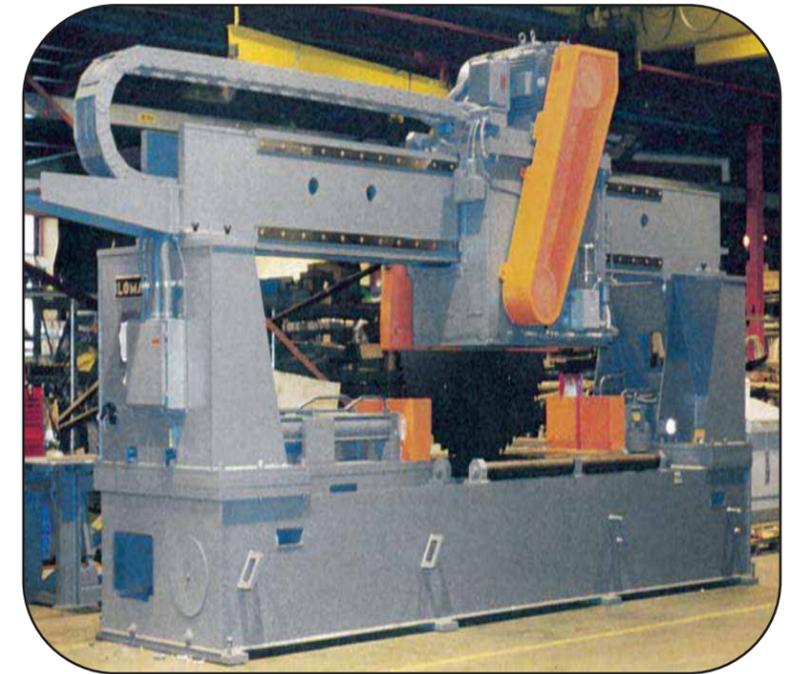


SLIDING SAWS

LOMA'S Sliding Saw Systems are designed and built for high speed, continuous operation.

LOMA proprietary design puts the gearbox, and power train components above the work zone. The oversized gearbox traverses across a massive columnar bridge. Simple gibs ride on hardened steel slides to deliver smooth cuts and maximum saw blade life between sharpening or re-tipping. The saw incorporates a precision ball screw feed system that is infinitely variable. The automatic rapid return of the saw results in the fastest possible cycle times.

Like its Tilting Saw counterpart, maintenance on the Sliding Saw is practically non-existent because the gearbox, bearings and motor are positioned above the harsh work environment. When maintenance is required, access is made simple through the **LOMA** design.





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