



a division of
MAGNUM INTEGRATED TECHNOLOGIES

High-Production Sawing Systems



CANADA

200 First Gulf Blvd., Brampton, Ontario, Canada L6W 4T5
N.A.: +1 (800) 595-8481 INT'L: +1 (905) 455-5730
FAX: +1 (905) 455-0422



CHINA

New Golden Bridge Plaza, No.585 Xi Zang Rd., Suite 3F
Shanghai, China 200003
PH: +86 21 6358 6205 FAX: +86 21 6358 6208

sales@lomamachine.com
www.lomamachine.com

MAGNUM[®] Divisions:

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Shears & Metalworkers
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Int'l.: +1.905.455.5730

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Int'l.: +1.905.455.3266

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www.magnum-logix.com
N.A.: 800.595.8481
Int'l.: +1.905.455.0309





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

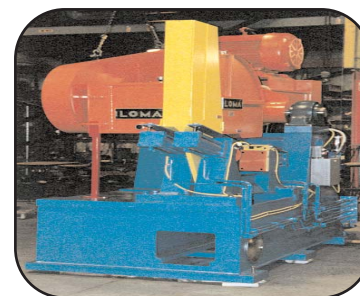


TILTING SAWS

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.

