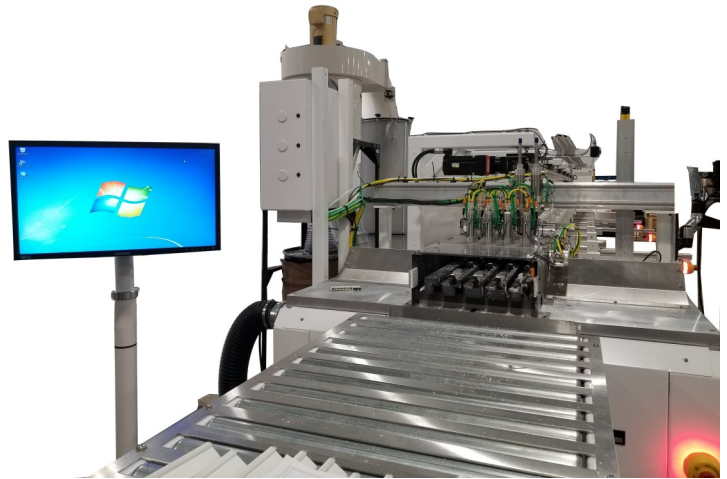
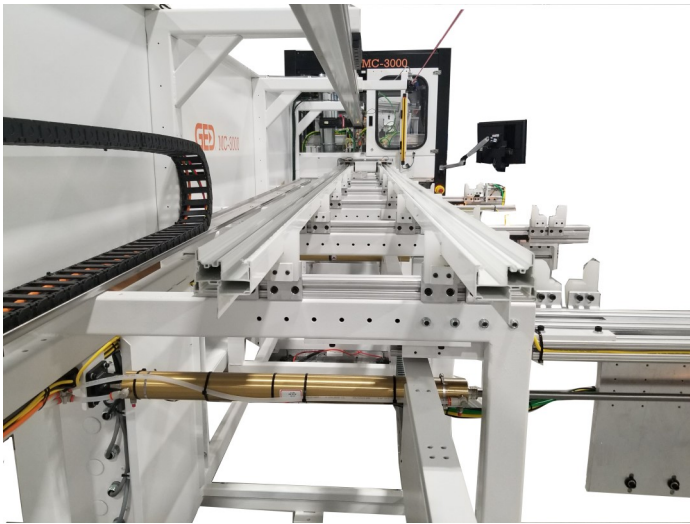


Automated batch cutting saws for parts processing of frame or sash



MC3000 (left) and MC2000 (right).

i About

Maximize output while minimizing scrap. The best systems available for frame or sash production, the MC Series batch cutting and parts processing saws are configured to suit your particular cutting needs.

Automated high-accuracy cutting with zero scrap provides high-speed production during long-term continual use. A high-performance linear actuator ensures precise parts processing. Heavy duty construction includes totally enclosed housing with access doors. With automatic pre-load options available and custom-designed drilling, punching and routing tooling added as required, these systems offer multiple custom-built features to fit every need.

✔ Features

- **MC2000:** Linear traveling tandem “V” notch style miter (45°) saw head with direct driven saw blades
- **MC3000:** Independent linear traveling upcut style miter (45°) saw heads with direct driven saw blades
- Automatic in-feed pusher system with closed loop motion control
- Optional automatic pre-load system
- Custom fixturing and material clamping
- State-of-the-art electronics package and software
- Heavy-duty welded steel construction
- Pneumatic linear crosscut blade feed with adjustable feed rate control
- Balanced and pinned saw blade assemblies
- Air Filter/Regulator/Lubricator

Performance Specifications

	MC-2000	MC-3000
Blade Diameter	14" (355.6mm)	14" (355.6mm)
Blade Speed	12,000+ SFM	12,000+ SFM
Lineal Capacity	23' (7.01 m)	23' (7.01 m)
Cut Accuracy (Angles)	+/- 1/2°	+/- 1/2°
Positioning Accuracy	+/- 0.030" (0.076 cm)	+/- 0.030" (0.076 cm)
Cut Accuracy (Fabrication)	+/- 0.010" (0.038 cm)	+/- 0.010" (0.038 cm)
Saw action	Tandem "V"-style miter (45°) blades	Individual upcut-style miter (45°) blades

Standard Equipment & Options

- Timing belt driven carbide saw blades
- Balanced and pinned saw blade assemblies
- Pneumatic crosscut blade feed with adjustable feed rate control
- Automatic infeed pusher with servo controlled linear actuator
- Exhaust ducting for chip collection

System Software

- Touchscreen computer control with HMI (human machine interface) software and Allen-Bradley® PLC
- Pusher positioning via closed loop Allen-Bradley motion control system with DC servo motor, amplifier, and encoder
- Ability to download batched data from remote source and/or manually load batched data via disc at saw station
- Ability to manually load singular commands from saw station

Upgrade Options

- Automatic Pre-load Station
- Scrap transfer/collection system
- Vacuum unit for chip collection
- On-board optimization software
- Additional Output Screen HMI
- Transformer for 480V Primary/ 240V Secondary
- Ionization air system
- Out feed roller conveyor
- Custom multiple track fixtures & clamping

Complimentary Products

- SW6000 & SW7000 Welders
- RoboClean® (RC2000)

Preferred Service Package

- Pre-installation service call
- Machine installation
- Standard GED 1-Year Equipment Warranty
- Machine operator/maintenance training



Request for Quote

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Designed & Manufactured in the USA

About GED Integrated Solutions

GED Integrated Solutions is a Worldwide Supplier of fully integrated insulating glass (IG), vinyl window and door robotic automation fabrication systems and software. GED leads the industry with quality, capacity and cost-effective solutions as demonstrated by the revolutionary *Intercept*® Warm Edge spacer frame production systems as well as our innovative vinyl automation systems and value-driven scheduling and analytics software. GED's commitment to innovation, that addresses our customers' needs, is proven by the fact that 22 of the top 25 window and door manufacturers utilize GED's equipment and software.