

MCS SERIES AUTOMATED PROCESSING SYSTEMS



The MCS Saw Series is designed to handle vinyl, aluminum and fiberglass lineal extrusions and pultrusions. The machines are custom engineered to produce completed parts from stock lineals based on your specific fabrication requirements.

FEATURES

- ▶ Automatic in-feed pusher system with closed loop motion control
- ▶ Optional automatic preload system
- ▶ Custom designed drilling, punching and routing tooling as required.
- ▶ State-of-the-art electronics package featuring Allen-Bradley components and proprietary software
- ▶ Designed and manufactured in the USA

BENEFITS

- ▶ Accurate and repeatable performance
- ▶ Increases output
- ▶ Meets specific fabrication requirements
- ▶ Automated high accuracy cutting with zero scrap
- ▶ Will provide long term continual operation with minimal maintenance and perpetual availability of parts

GIVING YOU GREATER CONTROL THAN EVER BEFORE.

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Consider GED for all your needs

ADDITIONAL FEATURES

- ▶ MCS2000: Linear traveling tandem "V"-notch style miter (45 degree) saw heads with timing belt driven saw blades
- ▶ MCS3000: Independent linear traveling upcut style miter (45 degree) saw heads with timing belt driven saw blades
- ▶ Pneumatic linear crosscut blade feed with adjustable feed rate control
- ▶ Servo controlled linear actuator for lineal positioning
- ▶ Totally enclosed housing with access doors for processing station guarding

PERFORMANCE SPECIFICATIONS

MODEL	MCS 2000	MCS 3000
Blade Diameter	14" (355mm)	14" (355mm)
Motors	1.5HP/3450RPM/TEFC	3 HP/3450RPM/TEFC
Blade Speed	12,000 SFM	12,000 SFM
Lineal Capacity	21' (533mm)	21' (533mm)
Positioning Accuracy	± .015"	± .015"
Electrical	480VAC / 3PH / 60HZ/40FLA	480VAC / 3PH / 60HZ/40FLA
Pneumatic	100 PSI / 5CFM	100 PSI / 5CFM
Overall Dimensions	37' L x 7' W x 7' H	37' L x 7' W x 7' H
Primary application	Processing sash parts	Processing frame parts

AVAILABLE OPTIONS

- ▶ Secondary drilling, punching & routing tooling
- ▶ Automatic Preload System
- ▶ Optimization Software
- ▶ Ionization System
- ▶ Dust Collection Units
- ▶ Scrap Collection Units

SECONDARY TOOLING OPTIONS FOR WINDOWS

MCS2000	MCS3000
Lock holes	Meeting rail holes
Keeper holes	Balancer holes
Interlock cut-backs	Installation holes
Lift handle cut-backs	Adjustment clip holes
Weep holes	Compound jamb notch
Nite lock slots	Sill notch
	Weep system

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