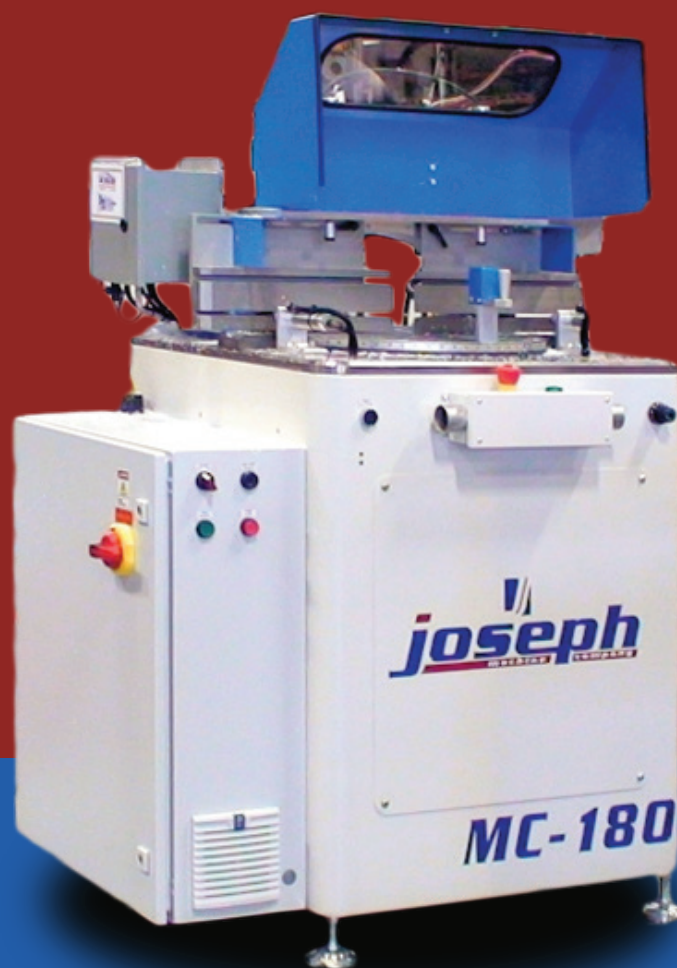




MC-180

The MC-180 Geometric Saw is an automated multiple-angle saw that utilizes an adjustable saw chassis to cut the ends of various geometric frame components. The MC-180 is ideal for cutting trapezoidal and other geometric profiles. The saw is bottom-mounted and strokes up for efficient, safe cuts.



BASE MACHINE

- Estimated cycle time: 6-8 seconds per cycle
- Range of saw angles 15° to 175° (min and max angle profile dependent)
- Cut angle tolerance: $\pm 1/2''$
- Ergonomic working height (from 39" to 44 1/2"), fine adjustments made via leveling feet
- Heavy duty powder coated steel frame
- Chip tray
- Machine interrupt switch on rear hinged door
- 1/2" filter/regulator with OSHA compliant lockout/tagout
- Coalescing air filter
- Machine lubrication – Grease fittings at each linear bearing
- Saws – One multi-angle saw
 - ▶ Equipped with a 3 HP motor
 - ▶ Cuts with a 16" or 18" carbide tipped saw blade
 - ▶ Vacuum port at saw
- Saw carriage rides on precision ground rails and bearings
- Pneumatically activated by air/oil cylinder
- Manually adjustable flow control for saw stroke
- Tape scale for angular adjustment
- Vertical clamping with universal UHMW clamp pad
- Fusible disconnect with OSHA compliant lockout
- Controls – PLC control system
- Electrical foot pedal activation

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MACHINE OPTIONS

- Custom color powder coating
- Pro-lubrication system for cutting
- Auto-lube system for machine lubrication
- 18" carbide tipped saw blade

Fixtures:

- Mounted to single solid fence plate
- Custom fixturing per profile(s)
- Offset fixturing at -2 1/2" or -5" (requires adjustable split rear fence)
- Additional vertical/horizontal clamping

In-feed:

- Stainless steel table
- 10' Roller table

Out-feed:

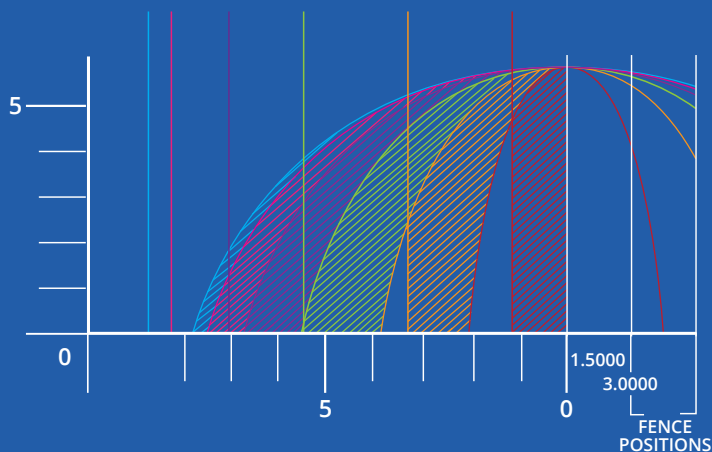
- Stainless steel table
- 10' roller table
- CES-10

Controls:

- Electrical two-hand tie down available
- Laser guide for visual cut registration
- Digital readout for angular adjustment
- Transformer available for different voltages
- Servo controlled angular adjustment

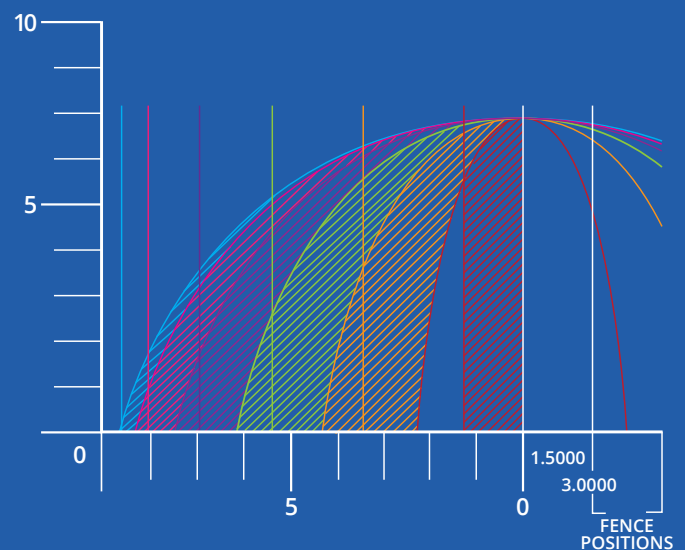
16" Ø BLADE @ CUT ANGLES OF

15	30
45	60
75	90



18" Ø BLADE @ CUT ANGLES OF

15	30
45	60
75	90



TECHNICAL SPECIFICATIONS

- Power: 240V AC (20A – 3 Phase)
480V AC (15A – 3 Phase)
- Warranty: One year Parts