



NS-4590 AUTOMATED NOTCH SAW

The NS-4590 is an automated notch saw equipped with two saw assemblies to notch the ends of precut frame profiles.



BASE MACHINE

- Estimated cycle time: 10-15 seconds per cycle
- Fabrication tolerance: +0.010
- Standard 30" material support on front of machine
- Ergonomic working height (from 36 1/2" to 42"), fine adjustments made via leveling feet
- Heavy duty powder coated steel frame
- Scrap exits at rear of machine
- 1/2" filter / regulator with OSHA compliant lockout / tagout
- Machine lubrication - Grease fittings at each linear bearing
- One 45° saw
 - ▶ Equipped with a 1 1/2 HP motor equipped with mechanical brake
 - ▶ Cuts with a 14" carbide tipped saw blade
- One 90° saw
 - ▶ Equipped with a 1 1/2 HP motor equipped with mechanical brake
 - ▶ Cuts with a 12" carbide tipped saw blade
- Saw carriage rides on precision ground rails and linear bearings
- Pneumatically activated by air / oil cylinder
- Manually adjustable flow control on saw stroke
- Fusible disconnect with OSHA compliant lockout / tagout
- Controls - PLC control system
- Electrical foot pedal activation

MACHINE OPTIONS

- Transformers available for different voltages
- Adjustable material stops
- Custom color powder coating
- Pro-lube lubrication system for cutting
- Auto-lube system for machine lubrication

Fixtures:

- 2 or multi pocket fixtures customized based on profiles
- Machined anodized aluminum fixture
- Alternative fixture material and coatings available
- Vertical / horizontal clamping

Saw Assembly:

- One 00° saw (replaces 45° saw)
- Custom angles available

TECHNICAL SPECIFICATIONS

- Power: 240V
480V
- Warranty: One year Parts

