

## DMV/DMV-I FABRICATION SAW



### Features

- Large capacity horizontal **V-cut** saw for aluminum and PVC profiles
- Two independently controlled 45° mitering saw axes, optional 90° blade assembly (DMV-I model)
- Up-cut blade feed and computer-controlled material positioning yield the absolute minimum cut scrap
- Standard 500 mm (19.7") carbide-tipped sawblades with large cut capacity — 5" cut height at 45° without fixtures (550 mm blades optional)
- Increased tabletop capacity for fixturing up to four pieces per cycle or the positioning of selected secondary fabrication tools
- Specially balanced direct drive motors for greater reliability and lower maintenance. Each motor is 3 Horsepower and 3,400 rpm.
- Includes SXP Automatic Profile In-feed System, utilizing Servo-driven linear actuator to automatically feed lineals into cutting area or optional secondary fabrication module(s). Optional auto-load system shown above.

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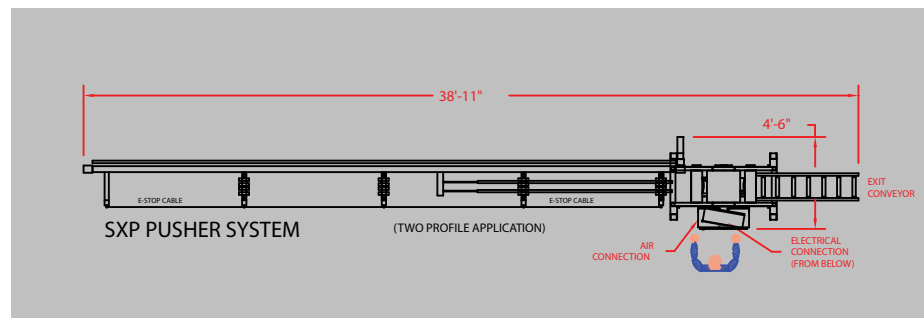
Operator interface via industrial grade PC workstation with flat panel liquid crystal color display, touch screen functionality and Windows-based operating system.

Features:

- 12.1" Active Matrix screen
- Pentium III 850 Mhz processor
- Simplified user-friendly screens
- Greater control of production data at the point of operation
- Detailed fault screen with text messages, pictorial trouble-shooting guidelines and direct view of PLC



DMV-I model includes 90° blade assembly



## TECHNICAL SPECIFICATIONS

### DMV with SXP Profile In-feed System

#### Blade Specifications

|          |  |
|----------|--|
| Diameter | 500 mm (19.7") optional 550 mm (21.7") |
| Bore     | 30 mm (1.18")                          |

#### Approximate Machine Dimensions

|        |            |
|--------|------------|
| Length | 38' - 11"  |
| Width  | 4' - 6"    |
| Height | 5' - 11"   |
| Weight | 2,300 lbs. |

#### Utility Requirements (CSA Certification Available)

|                                |  |
|--------------------------------|--|
| Standard Voltage               | 220 Volts, 3 Phase, 50-60 Hz (Alternate voltages by transformer) |
| Amperage (FLA)                 | 28.7 amps  |
| Horsepower / Speed (per motor) | 3.0 Horsepower / 3,400 rpm                                       |
| Air Pressure                   | 80 to 120 psi  |
| Air Consumption, estimated     | 4.0 cu.ft./cycle   |

Technical information as of September 7, 2006. CSE Automation, LLC reserves the right to make changes.

DMV/DMV-I / 02-10

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