

AMP

MN-355 Technical Specifications

Maximum
Moulding Width
6" W x 1" H

Maximum
Moulding Height
1" W x 7" H

Repeatable
Cutting Accuracy
 $\pm \frac{1}{2}^{\circ}$

AMP's Complete Frame Joining Solutions

MN-355
Double Mitre Saw
for Cutting

U-Series
Frame Joining
Underpinner Machinery

PowerTwist®
V-Nail Technology



Shown with
AG-2000 Auto Gauge

MN-355 Heavy Duty Double Mitre Saw

AMP's MN-355 is a Heavy Duty Double Mitre Saw designed to cut 45° mitre joints in Wood, MDF, Plastics and Aluminum Materials. The MN-355 can cut materials up to 6" wide and 4" high. The heavy duty design is achieved using precision machined cast components for saw head, pivot assembly and motor base. All portions of the saw base are fabricated with a heavy gauge steel and normalized, a metallurgical process to ensure all stress is removed before machining and drilling for saw cutting heads and guide fence.

The cutting process is foot pedal actuated for production output speed, and minimizes reliance on operator for consistent, accurate and repeatable cutting.

The MN-355 Saw System consists of a 1.5Hp motor, vertical clamps, 96" manual measuring table and a set of Tenryu Saw Blades.

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Precision machined cast table, saw head, pivot assemblies and motor bases



Pneumatic Hold Down Part Clamping Mechanism



Inside Cabinet View of Saw Blades and Motor Assemblies

MN-355 Unique Performance Features

- Timing belt driven saw blades with precision machined spindles and double bearing support
- Adjustable Saw Feed Rate Control
- Dual magnetic motor starter with pushbutton control
- Balanced and Pinned Saw Blade Assemblies for quiet production operations
- Cut Capacity:
 - Max Height – 1" W x 7" H
 - Max Width – 6" W x 1" H
- Cut Accuracy: $\pm \frac{1}{2}^\circ$
- Work table height: 35"

MN-355 Electrical & Pneumatic Requirements

- Electrical requirements 480VAC / 3Phase / 60Hz / 15FLA
- Pneumatic requirements 85PSI / 3CFM
- Air Filter/Regulator/Lubricator

Machine Dimensions & Weight

- Saw Dimensions: 48"L x 24"W x 54"H
- Manual Measuring Table Dimensions: 120"L x 12"W x 12"H
- Saw Weight: 500 lbs
- Manual Measuring Table Weight: 235 lbs

Part No Information

Part # 04-081

MN-355 Double Miter Saw

Description

- 04-231** MN-355, 1.5 Hp
(Includes 96" Leg Table, Vertical Clamps, Set of Saw Blades)
- 04-230** MN-355, 1.5Hp with Clamps (Blades Sold Separately)
- 04-232** MN-355, 1.5Hp with Inverter & Clamps
(Blades sold separately)

Accessories & Replacement Items

- 04-222** Vertical Pneumatic Clamp Set
- 04-223** Horizontal Pneumatic Clamp Set
(Recommended for Metal Cutting)
- 04-224** Blade Lube System - Non-Staining Formula
- 04-226** Manual Measuring Table -
96" with legs included for MN-355 Saw
- 04-227** Infeed Tables with Legs
- 04-228** AG-2000-M Cut Measurement System

MN-355 Technical Data

- Blade Diameter: 355mm
- Arbor Diameter: 0.625" (15.87mm)
- Blade Motor: 1.5HP / 3450RPM / TEFC
- Blade Speed: 12,000 SFM

MN-355 Safety Features

- Voltage Overload Protection
- Safety Guarding for Foot-Pedal, Drive Belts and Saw Blades
- Totally enclosed Fan Cooled Motors
- OSHA required NEMA-12 oil-tight Electric Circuitry Control



Fletcher Business Group