



T-400 Technical Specifications

**Maximum
Moulding
Width**
Up to 100mm

**Maximum
Moulding
Height**
Up to 80mm

**Minimum
Moulding Cut Length
(internal dimension)**
75mm

**Production
Capacity**
Up to 800 Cuts/Hour

Alfamacchine's Solution Technologies

**T-400 Double Mitre Saw
for Cutting**

**U-Series Frame Joining
Underpinner Machinery**

**PowerTwist®
V-Nail Technology**



MADE IN ITALY



T-400 Pneumatic Double Mitre Saw

Alfamacchine's T-400 Saw is designed to precisely cut 45° mitre joints for picture framing and woodworking applications such as windows, doors, and furniture components. The T-400 can handle all wood, plastic and MDF with moulding height up to 80mm moulding width up to 100mm.

The T-400 is a heavy duty saw built for medium to high production type environments. It's designed with a unique pneumatic system that controls the down-stroke movement of dual cutting blades resulting in precise cutting with a quick return process. Two saw blades are fixed at 45° angles and vertically move up and down. With each stroke, the two mitres are cut from the moulding with the least amount of moulding scrap. During the cutting process, the moulding is held firmly in place by four pneumatic clamps ensuring high quality cutting.

MEDIUM TO HIGH PRODUCTION • 4 PNEUMATIC CLAMPS • ADJUSTABLE CUTTING SPEED & HEIGHT • PUSH BUTTON OPERATION • QUICK BLADE CHANGE

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Maximum Moulding Width
Up to 100mm

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View of the pneumatic system for controlling the up and down movement of cutting saw blades



Inside cabinet view of pneumatic hold down clamps



AG 2000 Cut Measurement System

Maximum Internal Cut – 2000mm
Maximum External Cut – 2200mm
Measuring Accuracy – ±0.1mm
Maximum Moulding Width – 100mm
Maximum Moulding Height – 80mm

T-400 Unique Performance Features

- Comfortable two-handed push button operation
- Fully adjustable mould clamping via push button/foot pedal operation
- Adjustable blade descent speed for soft or hard wood requirements
- Adjustable Cutting Speed
- Adjustable Blade Height
- Quick read-out feed measurement and scale support
- Dual measurement production stops
- Solid feed-in support table
- Directional off-cut chute for external waste collection
- Adaptable with an Auto Gage production feature
- Cutting Speed: up to 800 Cuts/Hour
- Horizontal Clamp
- CE Compliant

T-400 Electrical & Pneumatic Requirements

Dust Collection Scrap Chute - 2 Ports 80mm
Power Requirements 3 Phases – 230/400 Volt – 50/60Hz - 3Kw
Air Requirements 7 bar - 4 cfm - 8NI
Oil filter pressure regulator

Machine Dimensions & Weight

Weight: 500kg
Dimensions: 1000mm x 1000mm x 1800mm

Part No Information

Part # 199200011CE
T-400 Double Miter Saw

Accessories & Replacement Items

757600018 Blade ø 400mm (30x3.50x400 Z=120)
For Wood/ Soft Materials
241920010 Mist spray Cooling System for Aluminum Cutting
225120030 Pneumatic Horizontal Clamp
244850011 Fixed Stop
244860011 Flip-top Stop

T-400 Technical Data

- Cutting Action: Pneumatic/Vertical
- Blade Size: 400mm
- Motors 2 x 2hp/2800rpm
- Vertical Clamping System: Pneumatic Foot Pedal – Manually Adjustable
- Out-feed Table: Left & Right 120mm
- Optional Out-feed Extension: 120mm
- Equipped with two measurement stops

T-400 Safety Features

- Fully enclosed work unit with no external moving parts
- Emergency push button cut-off switch
- Front door guard micro cut-off switch
- Adjustable polycarbonate front guard depending on mould thickness
- Two-handed operation to actuate saw cutting process
- Motor brake system
- Fail-safe descending head



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