AMP’s Complete Frame Joining Solutions

T-400 Double Mitre Saw for Cutting

U-Series Frame Joining Underpinner Machinery

PowerTwist® V-Nail Technology

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T-400 Pneumatic Double Mitre Saw

AMP’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 3 1/2" moulding width up to 4".

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.

www.fletcher-terry.com
800.843.3826
**Technical Specifications:**

<table>
<thead>
<tr>
<th></th>
<th>Maximum Moulding Width</th>
<th>Maximum Moulding Height</th>
<th>Minimum Moulding Cut Length</th>
<th>Production Capacity</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Up to 4&quot; (100mm)</td>
<td>Up to 3 1/2&quot; (80mm)</td>
<td>3&quot; (75mm)</td>
<td>Up to 800 Cuts/Hour</td>
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**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

**Part No Information**

**Part # 04-081**

T-400 Double Mitre Saw

**Accessories & Replacement Items**

- 05-041 Blade ø 400mm (30x3.50x400 Z=120) For Wood/ Soft Materials
- 04-172 Fixed Stop
- 04-173 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 48"
- Optional Out-feed Extension: 48"
- 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

**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 - 8Nl
- Oil filter pressure regulator

**T-400 Dimensions & Weight**

- Weight: 500kg
- Dimensions: 39 3/8" x 39 3/8" x 71" (1000mm x 1000mm x 1800mm)