

Specimen Cut Off Saw T10

Safety and Precision in the Laboratory



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OVERVIEW

The T10 specimen cutting machine enables fast, cool cutting of test specimens in a fully enclosed cabinet, offering a high level of safety. The hydraulic drive provides a smooth application of power and quick starting and stopping of the cutting wheel. With powered feed of the cutting wheel, a consistent feed rate is maintained reducing operator. The machine features a unique 'joystick' control of the cutting wheel, parts mounting table, clamp and large viewing windows providing the operator with an unobstructed view of the workpiece and accurate cutting capabilities.

STANDARD FEATURES

- **Safety**
Safety relays monitor doors and emergency stop devices to reliably shut the machine down at the first sign of safety breach. The loading door is designed such that it inhibits cutting while the door is open, yet provides fast and easy access for part loading, cleaning and cutting wheel change.
- **Operator access**
The front loading door allows for complete access to the loading zone. The spacious cabinet ensures large or complex parts can be comfortably loaded and secured. Exceptionally long parts are able to overhang the unit by means of a removable panel located on the side of the cabinet.
- **Large viewing windows**
Large viewing windows allow clear viewing of the cutting operation. Designed with the operator in mind, the strategic height of the unit gives the operator optimum viewing of the cutting zone.
- **Compact Design**
The T10 machine is built on a compact footprint and requires only three-phase power for operation. The hydraulic tank doubles as an equipment base for a compact 'all in one' system.
- **Flexibility**
The large cutting area, adjustable backstops and T-slot table allows for simple workpiece positioning and clamping.
- **Cooling Fluid**
An inbuilt coolant circulation pump keeps the wheel and workpiece cool during cutting.



SPECIFICATIONS

		T10	
		US	Metric
A	Drive Motor	12.7 HP	9.5 kW
B	Blade Diameter	14 in	355 mm
C	Pivot Range	60°	60°
D	Base Width	44 in	1120 mm
E	Base Depth	28 in	705 mm
F	Base Height	33.5 in	851 mm
G	Electrical Requirement	480V,3ph	380- 415V,3ph

OPTIONS

Hydraulic Clamp

Hydraulic clamping may be intergrated for more secure part holding and to further reduce operator effort.

Various Blade Sizing

The T10 is designed to operate with a 14" cutting wheel although different sized wheels may be desirable depending on the application. The adjustable backstops allow for cutting wheels as small as 10" to be used.

Laser Line

The laser line can be an invaluable tool when lining up a cut. The 90° line generator displays the cutting path onto the part so that the operator can clearly see the projected cutting path.

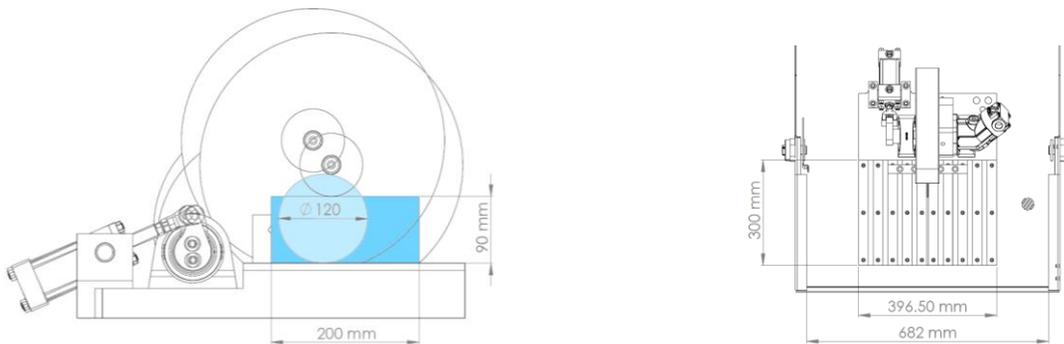
Reciprocating Table

The addition of a reciprocating table provides the flexibility required for longer cuts to be achieved. This increases the range of part sizes and geometries which can be cut using the T10.

ACCESSORIES

Clamping

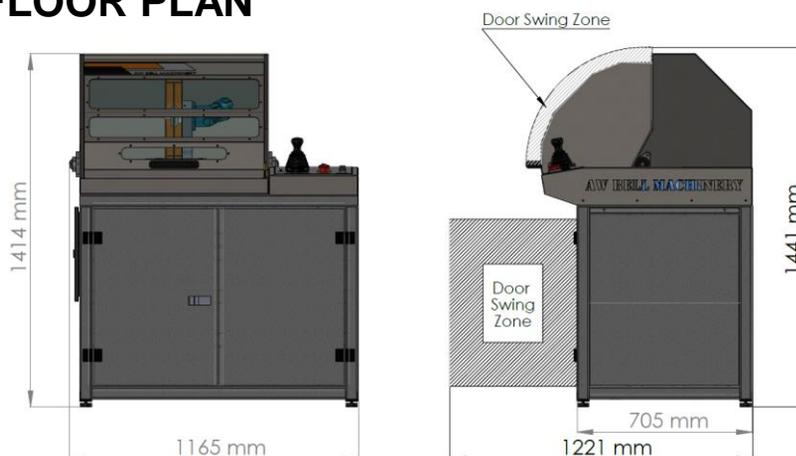
A manual bolt clamping unit is included for simple part clamping. Clamp positioning is fully adjustable and may be placed anywhere along the T-slot table according to part geometry.



Hose-down Gun

A manual hose-down gun is integrated for ease of cleaning after cutting operations. Any loose abrasive material or metallic debris can effortlessly be expelled from the cutting area and collected by the micro-mesh filter located on top of the coolant tank.

LAYOUT & FLOOR PLAN



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