

ElasTek™ Heavy Duty ThermoCutter: Description



The Model ZTS-24 Heavy Duty ThermoCutter is a state-of-the-art, hand held, hot cutting, shaping and sealing tool!

This ThermoCutter simplifies and eases the cutting of expanded polystyrene (EPS), extruded polystyrene (XEPS), polyethylene (PE), cross-linked polyethylene, polypropylene (PP), polyurethane (PU), foamed plastic, thermoplastic elastomers (TPE), and many other similar materials.

The Model ZTS-24 Heavy Duty ThermoCutter eliminates the "snow shower" of foam beads, or crumbs, typically associated with other cutting tools, making clean and precise cuts.

The ThermoCutter features a controller/transformer to regulate the blade temperature between 212 F° to 1112 F° depending on the blade used. The 110 VAC / 500 Watt controller heats the blade evenly and accurately, without overheating the handle.

The Model ZTS-24 Heavy Duty ThermoCutter is designed for the rigors of **continuous use** industrial applications. The handle weighs only 1.2 lbs., making it easy to manipulate and features a switch for blade heating in the non-continuous mode. Additionally, the cutting head is designed for quick and simple blade changes.

ElasTek™ Heavy Duty ThermoCutter: Features



Model ZTS-24 Shown with Accessories

- Wire brush and hex key included with each hot knife;
- Hand operated switch for heating blade;
- Quick change blade feature;
- Positive locking secures blade;
- Fast, clean cuts, leaves no bead dust or crumbs;
- Wide variety of available cutting blades (sold separately).
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- Adjustable heating from 212 F° to 1112 F° (100 to 600 C°);
- Convenient 110 VAC, 500 Watt power;
- Designed for continuous industrial use;
- 10 foot cable (304.80 cm) from power to control box;
- 6.5 foot cable (198.12 cm) from control box to hot knife handle;
- Light weight (1.2 lb.) handle;
- Control unit switch selects either continuous operation or on-off control from handle.;
- Adjustable controller/transformer;
- Infinitely variable temperature control;

Image	Part Number	Blade Length	Application	Description
 Larger Image	T3/15	15 mm	General Purpose Straight Cuts	Straight Cutting Edge
	T3/30	30 mm		
	T3/50	50 mm		
	T3/90	90 mm		
	T3/125	125 mm		
 Larger Image	T11/15	15 mm	General Purpose Angle and Curved Cuts	Guide "Beak" Angled Cutting Edge
	T11/30	30 mm		
 Larger Image	T01	6 mm	Straight Cuts Angle and Curved Cuts	Guide "Hook" Hook glides on a cutting base (similar to a linoleum knife)
	T02	12 mm		
 Larger Image	T04	15 mm	Straight Cuts Angle Cuts Plough Cuts Plunge Cuts	Double Cutting Edge Obtuse Angle
 Larger Image	T05	40 mm	Synthetic Fibers Textiles	Stable Cutting Edge High Temperature Range Heat Seals the Cutting Edges Wide Blade Back Reinforced Cutting Flange
 Larger Image	T015	37 x 0.6 mm	Vertical Cuts	Tool to be Held Vertically Suitable for Permanent Mount 0.6 / 0.8 mm Blade Thickness
	T015/08	37 x 0.8 mm		
 Larger Image	T011	10 x 0.6 mm	Oblique Angle Cuts Plunge Cuts	Double Edged Cutting Blade Concave Cutting Edge 0.6 / 0.8 mm Blade Thickness
	T011/08	10 x 0.8 mm		
 Larger Image	T012	35 mm	Template/Pattern Cutting Bi-directional Cuts Deburring	Long Point Double Edged Blade Bi-directional Cuts
 Larger Image	T013/45	45 mm	Long Cuts	Curved Cutting Edge Thick Blade High Temperature Blade Long cuts Under Pressure
	T013/70	70 mm		
	T013/115	115 mm		
 Larger Image	T08/50	50 mm	Long Straight Cuts	Straight Cutting Edge Thick Blade Evenly Heated Blade Edge
	T08/75	75 mm		
	T08/100	100 mm		
	T08/120	120 mm		
 ¹ Blade can be formed/shaped only once				
Please Submit a Request for Quotation (RFQ)				

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