

# The Webcutter

The RX-80 Webcutter is a general purpose hot knife cutter used for hot cutting and sealing woven and knitted synthetic materials to prevent fraying. Cuts webbing, braid, elastics, strapping, cord, ribbon, hook & loop, and rope.

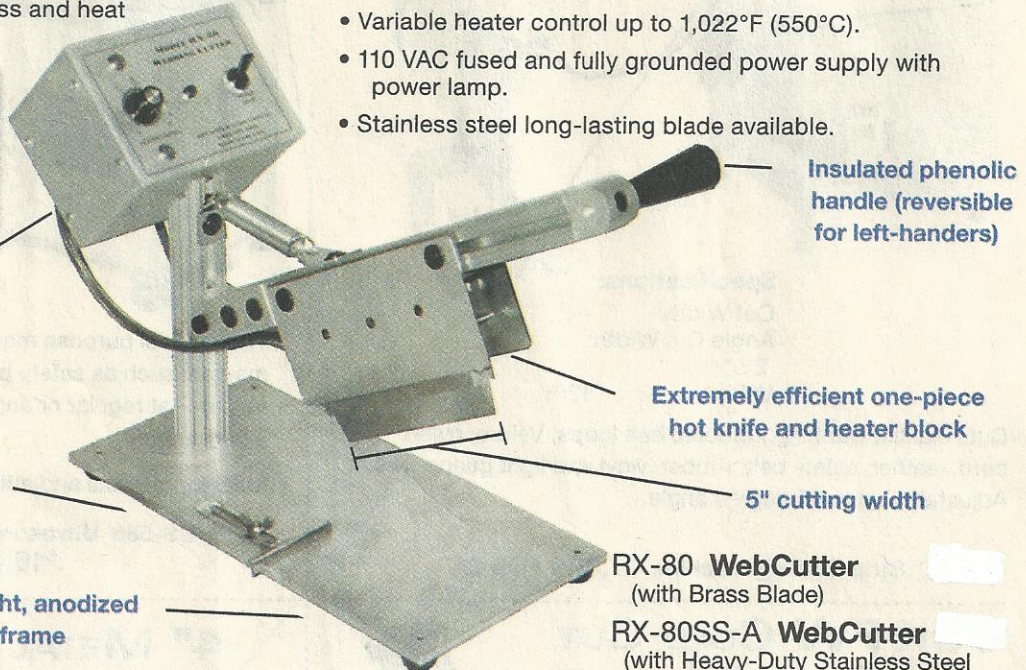
To operate, simply slide the webbing across the base plate and bring the handle down to cut and seal with minimum effort. Cutting time is usually less than one second, depending upon material thickness and heat setting.

## Specifications:

Power supply: 110VAC, 30QW  
 Throat opening: 10.0"± (250 mm)  
 Temperature: up to 1022°F (550°C)  
 Cutting width: 5.0" (128mm)  
 Dimensions: 15.25 x 11.5 x 6.0  
 Net weight: 6.5 lbs

## Features:

- Rugged all-metal construction— extremely durable, yet lightweight.
- One-piece hot knife and heater block provides extremely efficient heating and extended heater life.
- 5" hot knife cuts most common webbing widths. (Larger blades are optional).
- Variable heater control up to 1,022°F (550°C).
- 110 VAC fused and fully grounded power supply with power lamp.
- Stainless steel long-lasting blade available.



Tilted, easy-to-read control panel

Insulated phenolic handle (reversible for left-handers)

Extremely efficient one-piece hot knife and heater block

Adjustable/reversible material guide

5" cutting width

Sturdy, lightweight, anodized aluminum frame

RX-80 WebCutter  
(with Brass Blade)

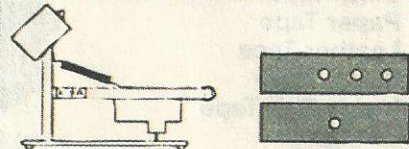
RX-80SS-A WebCutter  
(with Heavy-Duty Stainless Steel Blade)

## Other Version and Options

## Configuration:

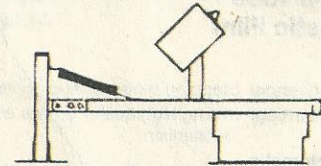
### RX-80H Hole Punch Device

Punches single holes from 3/32" to 1/2" diameter (specify size); can be built for multiple holes, and combinations of cutting and holes; oversize holes and special shapes are also available.



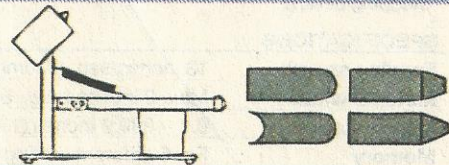
### RX-80LSS Long Arm Hot Knife

mounted on long lever for special applications. Mounts directly to table top with 'T' brackets supplied. Includes stainless steel cutting pad. Heat Control mounted near handle for easy access. Comes with stainless steel blade.



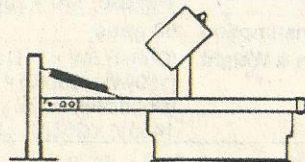
### RX-80R Radius-Cut Hot Knife (Custom— call for Pricing)

Specially machined hot knife tools for cutting rounded and shaped ends. Standard sizes designed for cutting 1", 1.5", and 2" webbings. Special sizes and other shapes are also available.



### RX-80W Extra Wide Hot Knife

8" wide brass hot knife for special and wide materials, such as sling webbing, netting, and multiple end cutting. Other sizes can be built to order.



# ELECTRIC ROPE AND CORD CUTTER

## Rope Cutter II

- Warms up in less than 30 seconds
- Will cut through a 1" nylon line in 10 seconds
- Operates on 110 VAC
- Approximately 1200°F

Designed to cut and fuse nylon, dacron, polypropylene line and rope—

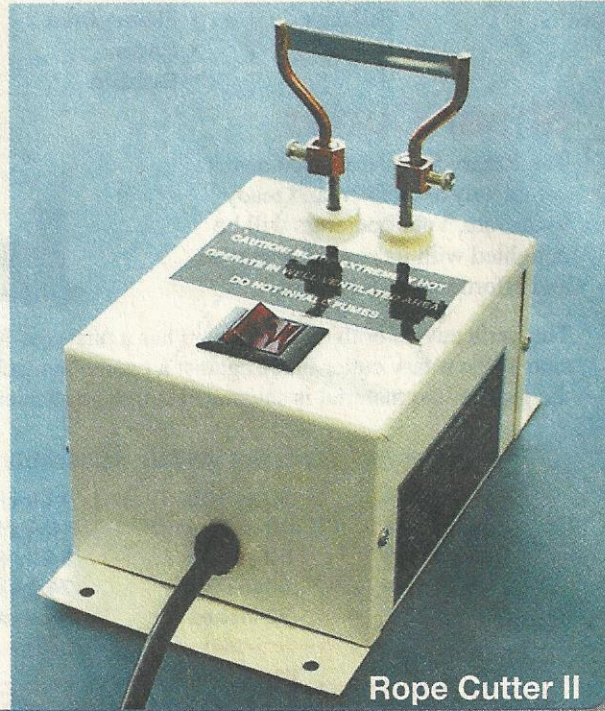
## Electric Rope Cutter II

2<sup>5</sup>/<sub>16</sub>" Replacement Blade  
Replacement Post Collar

## Electric Rope Cutter III

- Cuts and fuses nylon line up to 6" diameter.
- Cuts webbing and other synthetic materials up to 7" wide
- Approximately 1200°F.

Replacement Blade  
Replacement Post Collars



Rope Cutter II

## Handheld Rope & Cord Cutter



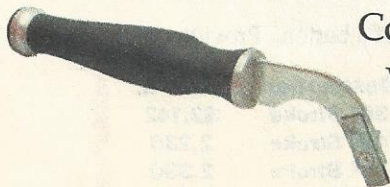
Quickly and easily cuts and fuses ends of polypropylene, dacron and nylon rope and cordage up to 1" in diameter.

**120 VAC • 5' cord • Replacement blades available**

**15463** Handheld Rope Cutter.....

**15464** Replacement Blade .....

## Hand Held Pull Floor Groover **NEW!**



Comes with removable blade. Heavy duty construction with black rubber handle.

**Model GH300 Hand Held Floor Groover**

# Thermocutters



## for cutting thermoplastics and rubber

This is a compact hand-held unit with the transformer built into the handle. Its slim handle makes it convenient for cutting in areas with limited access.

The blade heats up quickly and is easily controlled by the spring-loaded ON-OFF switch.

The temperature of the blade can be adjusted to that best suited to your application.

Changing blades is easy— just loosen the four screws, insert the blade and tighten. A variety of blades are available for specific applications. **See the following pages for blades and their suggested uses.**

- ▶ Features an electrically heated blade
- ▶ For cutting all thermoplastics easily and effortlessly
- ▶ Heats up instantly
- ▶ Temp 0 to 1050°F
- ▶ Designed for ON/OFF operation
- ▶ Transformer steps voltage down to a safe level
- ▶ Cuts through material up to 5 inches thick depending on density
- ▶ Adjustable temperature

## ZETZ-9 Thermocutter

\*Also available in 240-volt— Please specify when ordering  
**Comes with one T-3 Blade\***

**Cutting Foot Accessory**  
**ZFoot** for ZETZ-9....



# ZETZ-24 &

## Applications

- Rubber processing
- Tire and automotive trade
- Tire specialized trade
- Manufacturers of molded die cast and extruded parts
- Foam plastics, raw-, semi-, and finished thermoplastics
- Degating and trimming
- Switch and distribution boards
- Rubber coating removal
- Electrical installation
- Wire stripping
- Control systems
- Adhesive removal
- Terminating fiber optics



- Features an electrically heated blade for cutting thermoplastics easily and effortlessly
- Heats up instantly
- Designed for continuous heavy-duty industrial operation— including ON-OFF batch production, use at a central work station, EOAT operation, or on site
- Transformer steps voltage down to a safe level
- Cuts through material up to 5 inches thick depending on density
- Set for ON/OFF or CONTINUOUS operation at the flip of a switch

A 3-line electrical cable connects the cutting handle to the base unit. Two lines are for electrical power and the third connects the ON/OFF switch in the handle which actuates the controller in the base unit. It uses very little power and decreases temperature buildup in the handle.

There are a large variety of blades to choose from to suit your applications. The blades can be quickly and easily changed. The temperature of the blade is adjusted by the variable controller on the base unit so it operates at the optimum temperature for your application.

**ZETZ-24 Thermocutter Control Unit**  
with Standard Handle  
(Specify 110 or 240 volts)

# ZETZ-9 and ZETZ-24 THERMOCUTTER BLADES

These blades are designed so that heat is concentrated along the cutting edge for the optimum cutting temperature. Before inserting in the material to be cut, the temperature of the blades will be between 200°F and 1400°F, depending on the type of blade and the

thermocutter used. The temperature of the blade cools down as it enters the material. The temperature is affected by the thermal properties and heat conductivity of the material being cut and determines the cutting speed.

Image	Uses	Blades	Thickness	Cutting Edge/Length
	Standard blade used for many simple cutting applications.	<b>No.T 3/15</b> <b>No.T 3/30</b> <b>No.T 3/50</b> <b>No.T 3/90</b> <b>No.T 3/125</b>	0.6 mm 0.6 mm 0.6 mm 0.6 mm 0.6 mm	15 mm 30 mm 50 mm 90 mm 125 mm
	Sharpened on two sides to prevent distortion, allows cutting in two directions. Ideal for cutting foam.	<b>No.T 2/50</b> <b>No.T 2/100</b> <b>No.T 2/150</b> <b>No.T 2/200</b>	0.6 mm 0.6 mm 0.6 mm 0.6 mm	50 mm 100 mm 150 mm 200 mm
	With angled cutting edge and parrot's beak to serve as guide hook.	<b>No.T 11/15</b> <b>No.T 11/30</b>	0.6 mm 0.6 mm	15mm/30mm 30mm/30mm
	Snub nosed design allows for concentrated heat at the tip.	<b>No.T-4</b>	0.6 mm	30 mm
	Spade shaped to be held vertically. Suitable for mounting installations.  Available blade thickness: 0.6 mm, 0.8 mm, 1.0 mm	<b>No.T 015/0.6</b> <b>No.T 015/0.8</b> <b>No.T 015/1.0</b>	0.6 mm 0.8 mm 1.0 mm	35 mm 35 mm 35 mm

**Examples of uses for blades numbered — T-2, T-3, T-10, T-11, T-01, T-02, T-04, T-05, T-06, T-08, T-011, T-012, T-013, T-015, V-1**

- Cutting natural and synthetic rubber
- Cutting rubber sheets 30-80 Shore
- Cutting rubber with textile
- Degating molded parts
- Cutting PVC boards, foils and sheets
- Cutting off industrial tubing, profile gaskets.
- Cutting roof and wall insulation boards up to 125 mm thickness made of foam PE, PS, PU. No gap, no cold bridge.

- Cutting car trim, upholstery, cutouts in instrument panels.
- Cutting and sealing synthetic fabrics
- Cutting out silicone gaskets for construction joints.
- Stress-free cutting of profile gaskets of PVC and Neoprene rubber for window and door frames.
- Clean cuts for subsequent welding or gluing.
- Electrical installations like conduit and trunking channels, insulating cables and leads.

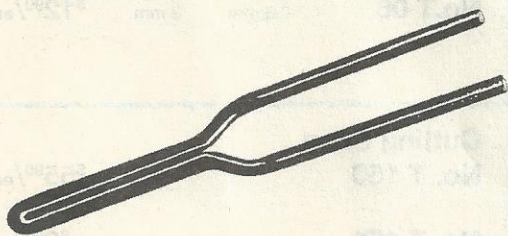
	Uses	Blades	Thickness	Cutting Edge Length
	<p>With Glide Hook Hooks into material and glides along cutting base.</p> <p>No. T 02S0 is offset at 90° angle</p>	<p><b>No. T 01</b></p> <p><b>No. T 02</b></p> <p><b>No. T 02S0</b></p>	<p>0.6 mm</p> <p>0.8 mm</p> <p>1.0 mm</p>	<p>6 mm</p> <p>12 mm</p> <p>12 mm</p>
	<p>With short, obtuse angled cutting edges, both sides ground</p>	<b>No. T 04</b>	0.6 mm	15 mm
	<p>With wide blade back and reinforced cutting flange for stable cutting. This high temperature blade is designed for heat sealing the cut edges.</p>	<b>No. T 05</b>	0.6 mm	35 mm
	<p>Standard blade, double edged, with concave cutting edges leading to a point— For cutting material at an oblique angle and at a high temperature. Can achieve a small radius on rounded cuts. Cuts straight into material without preparatory drilling. Deburring blade for anti-static trimming of excess plastic from sprues without waste or tension cracks.</p>	<p><b>No. T 011/0.6</b></p> <p><b>No. T 011/0.8</b></p>	<p>0.6 mm</p> <p>0.8 mm</p>	<p>10 mm</p> <p>10 mm</p>
	<p>With long pointed blade flanges, ground both sides for two-directional cuts. For cutting around templates. Also suitable for deburring.</p>	<p><b>No. T 012/0.6</b></p> <p><b>No. T 012/1.0</b></p>	<p>0.6 mm</p> <p>1.0 mm</p>	<p>35 mm</p> <p>35 mm</p>
	<p>Used for sheet plastics, asphalt roofing paper, roll stock and any high-heat application. Not designed for continuous use. ZETZ-24 only.</p>	<b>No. V-1</b>	2.0 mm	15 mm

## Uses

## Blades

## Thickness

## Cutting Edge Length

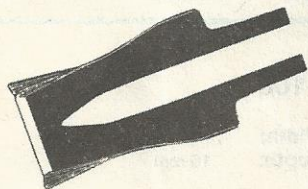


Used for melting round holes in plastic and nylon materials.

**No. SA-1**

2.5 mm

5.0 mm



Ideal for removal of adhesive material or removal of plastic flashings. Scoop design with 1/8° sides.

**No. ATS 10**

0.8 mm

10 mm

**No. ATS 18**

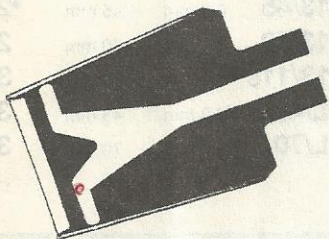
1.0 mm

18 mm

**No. ATS 22**

1.0 mm

22 mm

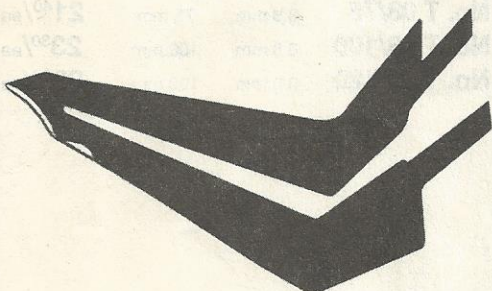


Heavy duty blade designed for removing plastic/rubber linings inside storage tanks. Scoop design with 3/8° sides. For use with ZETZ-24 only.

**No. TS 30**

1.0 mm

30 mm



Designed for cutting at offset angles. Suitable for permanent mounting operations—sharpened on both sides. For use with ZETZ-24 only.

**No. ATP 18**

1.0 mm

18 mm

**No. ATP 22**

1.0 mm

22 mm

**No. ATP 33**

1.0 mm

33 mm

**No. ATP 38**

1.0 mm

38 mm

**No. ATP 40**

1.0 mm

40 mm

**No. ATP 50**

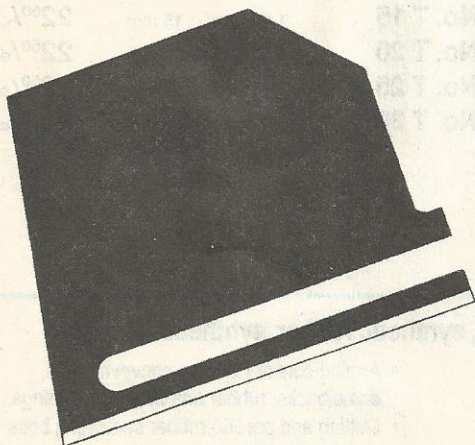
1.0 mm

50 mm

**No. ATP 55**

1.0 mm

55 mm



Blades for cutting insulating material. Thick blade for controlled cutting, with constant temperature along the cutting edge. Blades available in 7 lengths, should be chosen according to thickness of material. For a length of more than 100 mm, use only on ZETZ-24.

**No. DT 50**

1.0 mm

50 mm

**No. DT 75**

1.0 mm

75 mm

**No. DT 100**

1.0 mm

100 mm

**No. DT 125**

1.0 mm

125 mm

**No. DT 150**

1.0 mm

150 mm

**No. DT 175**

1.0 mm

175 mm

**No. DT 200**

1.0 mm

200 mm

- For anyone using foam insulation such as contractors, painters, interior fitters, insulating specialists.
- Roof and wall insulation boards up to 200 mm thickness made of PE, PS, PU.
- Quick and neat joining and fitting of insulation boards. Cutting time for 1 m long, 150 thick insulation board is 8 seconds.

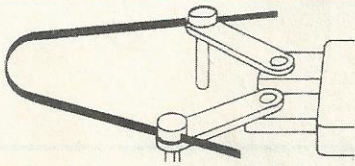
## Uses

Blade	Thickness	Cutting Edge Length
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With rounded edge to glide along cutting surface, heat seals the edges to prevent fraying of synthetic fibers and textiles.

<b>No. T 06</b>	0.6 mm	3 mm
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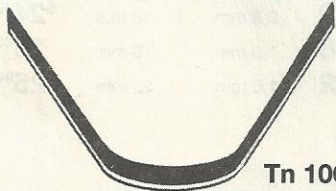


Cutting Sling T-150 consists of adjustable arms plus Blade No. T 151 which can be reshaped once.

**Cutting Sling  
No. T 150**

Applications: For rounded, angular, concave and other shaped cuts. Shaping interior spaces, cutting hollows into foam materials such as PE, PS, PU, etc.

<b>No. T 151</b>	.05 mm	
<b>Blade Length:</b>	15 cm	

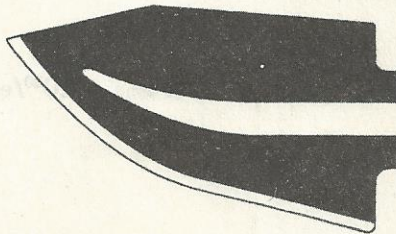


**Tn 106**

Grooving blade (for use with Cutting Sling) For quick cutting of grooves and flutes in foam materials made of PE, PS, PU.

**No. Tn 106**

<b>Cutting Width:</b>	16-22 mm
<b>Cutting Depth:</b>	16 mm



With curved cutting edge and thick blade, this high temperature blade is suitable for long cuts under pressure. T 013/70 and T 013/115 blades are for use with ZETZ-24 only.

<b>No. T 013/45</b>	0.8 mm	45 mm
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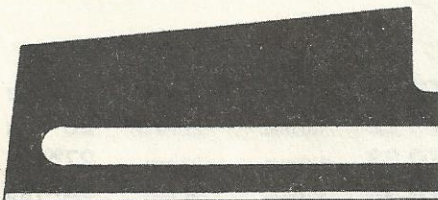
<b>No. T 013/70</b>	1.0 mm	70 mm
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<b>No. T 013/115</b>	1.0 mm	115 mm
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<b>No. ATL/45</b>	0.8 mm	45 mm
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<b>No. ATL/70</b>	1.0 mm	70 mm
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ATL Blades are the same as T013 Blades with the exception of being offset at a 45° angle.



With evenly heated cutting edge and 50 mm cutting length up to 120 mm, this thick blade is suitable for thermoplastics with low melting points such as foam polyethylene, polystyrene, polyurethane.

<b>No. T 08/50</b>	0.8 mm	50 mm
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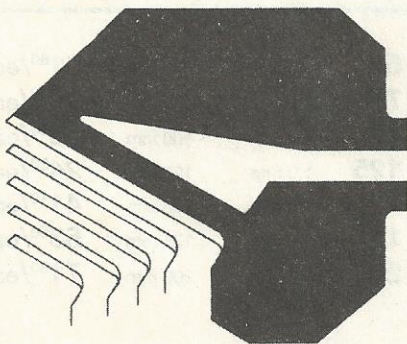
<b>No. T 08/75</b>	0.8 mm	75 mm
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<b>No. T 08/100</b>	0.8 mm	100 mm
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<b>No. T 08/120</b>	0.8 mm	120 mm
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Gives a clean cut which allows seamless joining of material in subsequent sealing or gluing operations. Good for cutting profile gaskets of PVC and Neoprene rubber for windows and door frames without crushing the material and roof and wall insulation boards up to 120 mm thickness. No gap, no cold bridge.

T 08/75 and up are for use on ZETZ-24 only.



Blades are designed for rapid heating to maximum temperature. The entire cutting edge must be used in the material to obtain full benefit of the heat and to maximize cutting efficiency. Blades are available in 5 cutting lengths and should be chosen according to thickness of material.

<b>No. T 10</b>	1.0 mm	10 mm
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<b>No. T 15</b>	1.0 mm	15 mm
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<b>No. T 20</b>	1.0 mm	20 mm
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<b>No. T 25</b>	1.0 mm	25 mm
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<b>No. T 30</b>	1.0 mm	30 mm
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**For use with  
ZETZ-24 only**

### Suitable for thermoplastics with higher melting points such as rubber, synthetic rubber, synthetic resins

- Cutting rubber up to 90 Shore combustible, oil resistant rubber.
- Cutting out rubber linings on containers, mixers, vibration and, conveyor chutes and troughs.
- Angled cuts at joints on conveyor belts, camelbacks, rubber anti-abrasion coatings.
- Cutting and peeling rubber sectioning belts and flexible PVC (supported or unsupported).