

# RX-90

# THE WEBCUTTER PNEUMATIC HOT KNIFE



Model shown:  
RX-90-SAL-RK  
5" (128mm) Heavy-duty Stainless Steel Knife,  
w/Universal Heat Control  
(see custom configurations on back)



## DESCRIPTION

The RX-90 is a pneumatically operated and configurable Hot Knife which will cut and seal woven and knitted synthetic materials to prevent fraying. It cuts all types of synthetics such as nylon, polyester and polypropylene webbings; slings, braid, elastics, strap, ribbon, hook & loop, rope, shock-cord and cordage.

To operate, position the work under the safety cover and step on the foot pedal.

Will melt and seal all types of synthetics, including nylon, polypropylene, polyester, ribbon, webbing, and hook & loop.

## STANDARD FEATURES

- Rugged yet attractive anodized aluminum frame is strong and light-weight
- Universal heat controller (type R) and 120V power plug
- Operating temperature to 900° F (480°C)
- Fused and grounded for electrical safety
- Power lamp indicates when the power is on
- Available in 230V with power plug for any country
- Available with automatic dwell timer controller (type T)

See back for additional tooling options.

## GENERAL SPECIFICATIONS

Universal Heat Control (R)	Up to 1200W max.
Digital/PID Heat Control (D)	Up to 1500W max.
Working Temperature	up to 900° F (480°C)
Base Dimensions	6" x 12" (15cm x 31cm) or 3" x 24" (7.6cm x 62cm)
Overall	9" W x 18" H x 13" D (23cm x 46cm x 33cm) or 6" W x 18" H x 25" D (15cm x 46cm x 64cm)
Net Weight	up to 16 lbs. (7.5 kg)
Gross Weight:	up to 20 lbs. (9 kg)

*(specifications vary by model  
and are subject to change without notice)*

Manufactured in the USA by



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# RX-90 CONFIGURATIONS & OPTIONS

## OTHER VERSIONS AVAILABLE

There are many custom configurations of this popular pneumatic Hot Knife. Below are just a few examples of some commonly requested models:

### **RX-90-SAL-RK 5" (128mm) HD stainless steel, 120V**

This basic pneumatic hot knife is robust and will cut materials up to 5" (128mm) wide and up to 3/4" (19mm) thick.

### **RX-90-SAM-RK 8" (200mm) HD stainless steel, 120V**

A wider version of the basic model. It uses heavy duty 8" (200mm) stainless steel knife for cutting wider materials. Great for slings and tie-downs.

### **RX-90-SAN-RK 10" (254mm) HD stainless steel, 120V**

Use this 10" (254mm) extra wide hot knife and heavy-duty heat controller for cutting wide webbings and fabrics. Assembled by using two of our 5" ss knives mounted end-to-end.

### **RX-90-B5L-TK 5" brass shaped knife w/dwell timer, 120V**

A special application hot knife system that incorporates a shaped brass, double-ended heavy-duty knife, dwell timer controller, and a remote foot switch for cutting shapes into both ends of very long lengths of webbing.

Visit our website – [www.thewebcutter.com](http://www.thewebcutter.com) – to configure this model to your particular specifications.

Questions? Ready to place an order?  
Contact us today!



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Designed & Manufactured in the USA

## TOOLING CONFIGURATIONS

Change the 3-digit tooling code of the RX-90 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Standard duty stainless steel knife for thin materials up to 8" (20cm) wide	SBM
"Press-end" knife, 5" (128mm) cut, press and flatten both ends	SPL
Hole punch, single hole, hot	PS1
Interchangeable stainless steel shaped knife, up to 3" (76mm) wide	S33
Standard duty stainless steel knife for materials up to 5" (128mm) wide	SBL

Additional Tooling Codes can be found on our website.

## KNIFE & PUNCH SIZES

Hot knives are available in several standard sizes. Standard knives are **5" (128mm)**, **8" (200mm)**, **10" (254mm)** and **16" (400mm)**. Custom knife shapes and lengths are also available.

Round hole punches have a working length of **1/2" (12.8mm)** and are available in standard diameters of **1/8" (3.2mm) through 1/2" (12.8mm) in increments of 1/32"**. Larger sizes are also available as are custom and metric sizes. Some common sized slot punches are stocked and can also be made to order as needed.

## THERMAL CONTROLLER

Three types of controllers are available for use on the RX-90:

- **Universal control (type R)** is used for operating loads up to 1200W.
- **Digital/PID controller (type D)** is used when fine temperature control and/or higher heating load is required. Includes a type K thermocouple.
- **Dwell timer (type T)** incorporates an adjustable cut dwell timer for consistent cutting quality.

## INTERNATIONAL / 230V MAINS

This model can be equipped to operate on 120V 60Hz or 230V 50Hz for use in any country and will be fitted with appropriate mains plug. **Plug codes A - K determine plug type and operating voltage.**