

# RX-84

# THE WEBCUTTER LONG-ARM HOT KNIFE



Model shown:  
RX-84-BAM-WK  
8" (200mm) Heavy-duty Brass Knife, 120V  
(see custom configurations on back)



## DESCRIPTION

The RX-84 is a general purpose industrial 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.

It is designed primarily for cutting wide webbings, such as slings, tie-downs and lift webbing, though virtually any knife type may be mounted on the RX-84 Long-Arm frame if extra working area is required. The aluminum work base must be fastened to the work table.

## STANDARD FEATURES

- Rugged yet attractive anodized aluminum frame is strong and light-weight
- Basic heat controller (type W) 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 240V with power plug for any country

Standard straight knife sizes which will fit onto this machine are 5" (128mm), 8" (200mm), 10" (254mm) and 16" (400mm). Other knives or custom tooling may also be supplied.

RX-84-BDN-WK 10" model is built using two 5" knives aligned end-to-end.

RX-84-BDM-SK 16" model is built using two 8" knives aligned end-to-end.

## GENERAL SPECIFICATIONS

Std. Power Supply (W)	120VAC, up to 600W max.
Heavy duty Power Supply (S)	120VAC, up to 1200W max.
Throat Opening	22" (56cm)
Working Temperature	up to 900° F (480°C)
Base Dimensions	3" x 24" (7.6cm x 61cm)
Overall	5" W x 14" H x 25" D (13cm x 36cm x 64cm)
Net Weight	up to 14 lbs. (6.4 kg)
Gross Weight:	up to 16 lbs. (7.5 kg)

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

Manufactured in the USA by



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# RX-84 CONFIGURATIONS & OPTIONS

## OTHER VERSIONS AVAILABLE

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

### **RX-84-BAM-WK** *8" (200mm) heavy duty brass knife, 120V*

A general purpose heavy-duty hot knife for cutting materials up to 8" (200mm) wide. Brass knives are excellent for a fast, clean cut, but will eventually wear out.

### **RX-84-SAM-WK** *8" (200mm) heavy duty ss knife, 120V*

A general purpose heavy-duty stainless steel hot knife for cutting materials up to 8" (200mm) wide. Stainless knives will greatly outlast brass knives.

### **RX-84-BDN-WK** *10" (254mm) std. brass hot knife, 120V*

For large webbings and materials up to 10" (254mm) wide. The standard brass knife profile is suitable for all types of webbings and rope up to 3/4" (19mm) diameter.

### **RX-84-BAP-DK** *16" (400mm) HD brass hot knife, 120V*

The largest hot knife available for cutting all types of materials up to 16" (400mm) wide. This model must use either a heavy-duty heat controller (type S) or digital/PID heat controller and thermocouple (type D).

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-84 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Standard 5" (128mm) brass knife	BDL
Single hole punch	PS1
Shaped knife, 5" (130mm) brass knife	B5L
Interchangeable stainless steel shaped knife, up to 3" (76mm) wide	S33
Heavy duty 5" (128mm) stainless steel knife	SAL
Single slot hole punch	PN1

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-84:

- **Basic controller (type W)** is inexpensive and provides a simple means of broadly regulating the operating temperature for tools that require up to 600W of power.
- **Heavy duty (type S)** 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. This includes a type K thermocouple.

## 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 voltage.