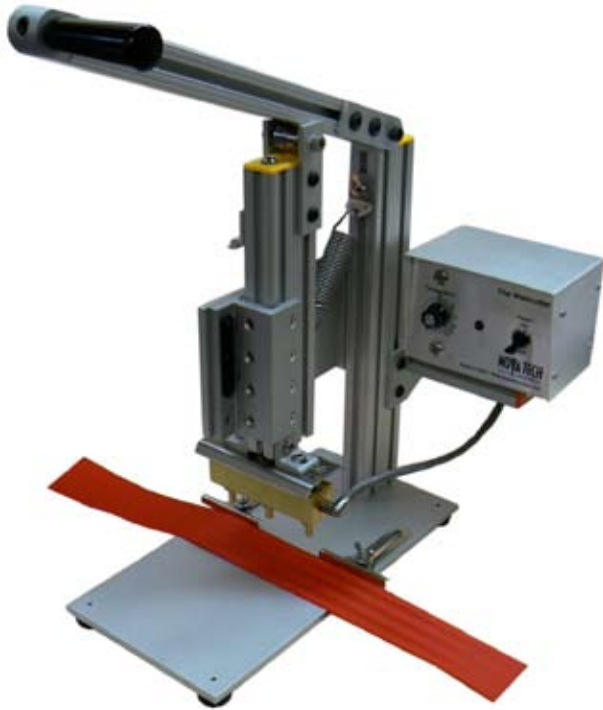


THERMAL HOLE PUNCH CATALOG

Model shown:
RX-75-PM4-WK
Three-hole multi-punch
(see page 2)



Manufactured in the USA by



PO Box 1357
Graham, NC 27253 USA
Toll Free: 1-800-794-6682
International: 336-513-5200
Fax: 336-513-5213

email: info@thewebcutter.com
www.thewebcutter.com

DESCRIPTION

NOVA TECH International offers several types of machines for melting holes, slots and shapes into synthetic materials, such as webbing, fabrics, ribbon and thermoplastics.

These machines are designed to melt and seal all types of synthetics, including nylon, polypropylene, polyester, ribbon, webbing, and hook & loop.

Our machines are grouped by type and may be operated by hand, foot, or pneumatic (compressed air).

All of our machines are configurable with regard to the type of thermal punch tooling, the mode of operation, the type of chasis, the type of heat controller, operating voltage and mains plug. Additional features, such as safety guards, dwell timer, and electronic counters are also available, for example.

WHICH TYPE IS BEST FOR ME?

RX-75 is the most versatile general-purpose model which yields the best results in most materials.

RX-88 is an economical model which will give good results in thin materials such as ribbon, webbing and fabrics

RX-78 is for making multiple holes up to 11" apart

RX-80-BHL is a combination hot knife & hole punch for making occasional holes

RX-95 is a pneumatically operated machine which can be fitted with a dwell timer and electronic piece counter.

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RX-75 CONFIGURATIONS & OPTIONS

OTHER VERSIONS AVAILABLE

There are many custom configurations of this popular thermal press. Below are just a few examples of some commonly requested models:

RX-75-PN1-WK *Thermal slotted hole punch, 120V*

Choose from among several standard or custom made slot punches.

RX-75-PC3-WK *Thermal cut and hole punch combo, 120V*

Cut, seal and melt holes into webbing simultaneously. For small working area only. (For widely spaced multiple holes, see model RX-78).

RX-75-M33-WK *Thermal embossing, 2" x 3", 120V*

Burn your logo, lettering, or fine artwork into leather, wood or plastics. Working area is 2"x3" (50x76mm). Uses a custom made magnesium die; artwork required. Other sizes are also available.

RX-75-SV1-WK *Thermal button-hole slitting, 120V*

Make small sealed slits (button-holes) into thin fabric or ribbon, or melt through multiple layers of webbing, fleece or vinyl, etc.

Visit our website – www.thewebcutter.com – to configure this model to your particular specifications.

Questions? Ready to place an order?
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TOOLING CONFIGURATIONS

Change the 3-digit tooling code to the RX-75 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Small one-piece brass shaped knife, up to 1.5" (38mm) wide	B11
Slot punch	PN1
Hole punch, single hole	PS1
Interchangeable stainless steel shaped knife, up to 3" (76mm) wide	S33
Button-hole slitting knife, up to 1.5" (38mm) long	SV1
Magnesium embossing or cutting die, 2" x 3" (50x76mm)	M33

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-75:

- **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 1500W.
- **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 mains voltage.

RX-88

THE WEBCUTTER HOT HOLE PUNCH & PRESS



*Model shown:
RX-88-PS1-WK
Hot Single-hole Punch with
basic Heat Control, 120V
(see custom configurations on back)*



DESCRIPTION

The RX-88 is a general purpose and configurable Hot Hole Punch which can be used to melt holes, slots or shapes into lightweight webbing and ribbon, or for burning leather or wood. Combination cutting and punching tools can also be supplied.

To operate, position the work under the heated tool and pull the handle down.

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

STANDARD FEATURES

- Rugged yet attractive anodized aluminum frame is strong and light-weight
- Configurable design
- Adjustable edge guides for precise work alignment
- Operating temperature to 900° F (480°C)
- Fused and grounded for electrical safety
- Power lamp indicates when the power is on
- Also available in 230V with power plug for any country
- Standard punch collets from 1/8" to 1/2" dia.
- Large punch collets are also available

Basic hole punch model includes two standard collets for punching holes. Additional and custom tooling is available upon request.

See back for additional tooling options.

GENERAL SPECIFICATIONS

Std. Power Supply	120VAC, up to 500W max.
Throat Opening	10" (250mm)
Working Temperature	up to 900° F (480°C)
Base Dimensions	6" x 12" (150mm x 305mm)
Overall	9"W x 22" H x 15" D (23cm x 56cm x 38cm)
Net Weight	7 lbs. (3.5 kg)
Gross Weight:	8 lbs. (3.8 kg)

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

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RX-88 CONFIGURATIONS & OPTIONS

OTHER VERSIONS AVAILABLE

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

RX-88-PN1-WK *Thermal slotted hole punch, 120V*

Choose from among several standard or custom made oval slot punches.

RX-88-PM2-WK *Thermal cut and hole punch combo, 120V*

Cut, seal and melt 2 or 3 holes into webbing simultaneously up to 2" apart (For widely spaced multiple holes, see model RX-78).

RX-88-M33-WK *Thermal embossing, 2" x 3", 120V*

Burn your logo, lettering, or fine artwork into leather, wood or plastics. Working area is 2"x3" (50x76mm). Uses a custom made magnesium die; artwork required. Other sizes are also available.

RX-88-SV1-WK *Thermal button-hole slitting, 120V*

Make small sealed slits (button-holes) into thin fabric or ribbon, or melt through multiple layers of webbing, fleece or vinyl, etc.

Visit our website – www.thewebcutter.com – to configure this model to your particular specifications.

Questions? Ready to place an order?
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TOOLING CONFIGURATIONS

Change the 3-digit tooling code to the RX-88 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Thermally press and iron webbing ends	S80
Slot punch	PN1
Hole punch, large single hole up to 2" (51mm) diameter	P31
Button-hole slitting knife, up to 2.5" (64mm) long	SV2
Magnesium embossing or shaped cutting die, 1" x 2.5" (25x64mm)	M22
Magnesium embossing or shaped cutting die, 3" x 4" (76x100mm)	M44

Additional Tooling Codes can be found on our website.

KNIFE & PUNCH SIZES

This RX-88 Hole Punch can be converted into a Hot Knife by exchanging the punch assembly with a knife assembly. Several types of 5" knives can be supplied and fitted to this model. Knives larger than 5" must be mounted on the RX-84 Long-Arm base frame.

Standard round hole punch collets 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-88:

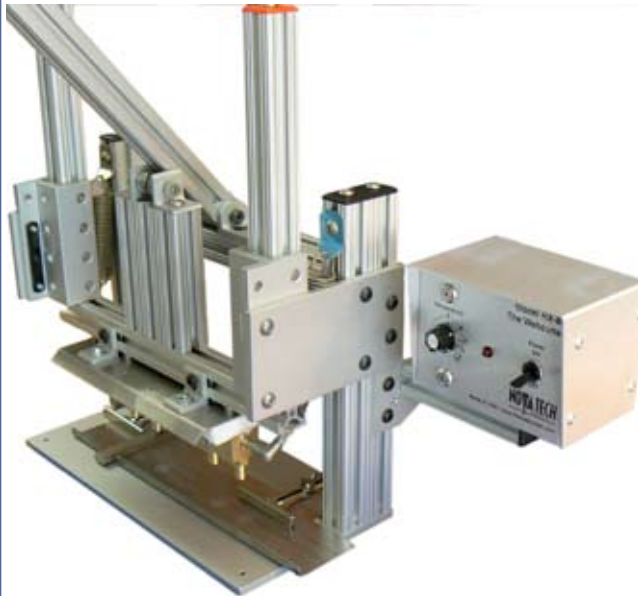
- **Basic controller (type W)** is inexpensive and provides a simple means of broadly regulating the operating temperature for tools that require up to 600W of power.
- **Heavy duty (type S)** is used for operating loads up to 1200W.
- **Digital/PID controller (type D)** is used when fine temperature 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 and mains voltage.

RX-78

WEBCUTTER THERMAL PRESS & MULTI-HOLE PUNCH



Model shown:
RX-78-PM1-WK
1.5" (38mm) Hot Knife & Multi-hole punch
with Basic 120V heat control
(see custom configurations on back)



DESCRIPTION

The RX-78 is a general purpose and configurable Thermal Press and Multi-hole Punch which can be used to melt holes, slots or shapes, for burning leather, cutting webbing, or may be fitted with most any thermal tooling suitable for use on a vertical press.

To operate, position the work under the heated tool and pull the handle down.

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
- Basic heat controller 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 version with power plug for any country

Base model includes heated block for a multi-hole punch up to 11" (280mm) wide. Punch collets are not included. All tooling for this model is custom and requires detailed specifications and samples for quoting.

See back for additional tooling options.

GENERAL SPECIFICATIONS

Std. Power Supply (W)	120VAC, up to 600W max.
Heavy duty Power Supply (S)	120VAC, up to 1200W max.
Heated Working Area	2" x 11" (51mm x 280mm)
Throat Opening	2" (51mm)
Working Temperature	up to 900° F (480°C)
Base Dimensions	6" x 12" (150mm x 305mm)
Overall	9"W x 22" H x 15" D (23cm x 56cm x 38cm)
Net Weight	14 lbs. (6.4 kg)
Gross Weight:	16 lbs. (7.5 kg)

Manufactured in the USA by



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

RX-78 CONFIGURATIONS & OPTIONS

OTHER VERSIONS AVAILABLE

There are many custom configurations of this popular Thermal Press. Below are just a few examples of some commonly requested models:

RX-75-PMM-WK *Multi-hole punch only, 120V*

Heated multi-hole punch. Hole size, spacing and alignments made to customer specifications. Standard heated tooling up to 8" (200mm) wide.

RX-75-PM1-WK *Thermal cut and hole punch combo, 120V*

Cut, seal and melt multiple holes into webbing simultaneously, cutting width up to 1.5" (38mm).

RX-75-PN1-WK *Thermal cut and slot punch combo, 120V*

Cut, seal and melt a slotted hole into webbing simultaneously, cutting width up to 1.5" (38mm).

RX-75-SVZ-WK *Thermal button-hole slitting, 120V*

Make small single or multiple sealed slits (button-holes) into thin fabric or ribbon, or melt through multiple layers of webbing, fleece or vinyl, etc.

Visit our website – www.thewebcutter.com – to configure this model to your particular specifications.

Questions? Ready to place an order?
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TOOLING CONFIGURATIONS

Change the 3-digit tooling code to the RX-78 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Multi-hole punch and rounded end hot knife, up to 1.5" (38mm) wide	PR1
Multi-hole punch and straight hot knife combo cutting width to 2" (51mm)	PM2
Interchangeable stainless steel shaped knife, 2" x 5" (51mm x 130mm)	S5L
Button-hole slitting knife, up to 5" (128mm) long	SVL

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-78. We can determine the most suitable and economical heat control based on your application.

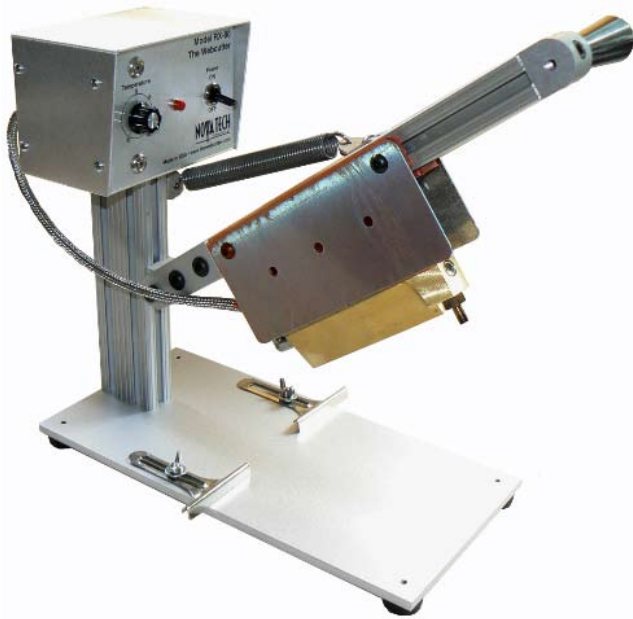
- **Basic controller (type W)** is inexpensive and provides a simple means of broadly regulating the operating temperature for tools that require up to 600W of power.
- **Heavy duty (type S)** is used for operating loads up to 1200W.
- **Digital/PID controller (type D)** is used when fine temperature 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 the plug type and mains voltage.

RX-80-BHL

THE WEBCUTTER HOT KNIFE & HOLE PUNCH



Model shown:
RX-80-BHL-WK
4" (110mm) Brass Hot knife
with interchangeable Punch Collet
(see custom configurations on back)



DESCRIPTION

The RX-80-BHL is a unique combination industrial Hot Knife and Single Hole Punch that will cut and seal woven and knitted synthetic materials to prevent fraying. The knife can be fitted with an interchangeable standard punch collet for melting holes from 1/8" (3.2mm) to 1/2" (12.8mm) dia.

To operate, position the work under the heated tool and pull the handle down.

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
- One-piece knife with fixture for a single hole punch collet
- Basic heat controller 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

Additional and custom tooling is available upon request.

Standard Accessories

Includes 1 (one) standard punch collet - 1/8" (3.2mm) to 1/2" (12.8mm) diameter.

See back for additional tooling options.

GENERAL SPECIFICATIONS

Std. Power Supply	120VAC, up to 500W max.
Throat Opening	10" (250mm)
Working Temperature	up to 900° F (480°C)
Base Dimensions	6" x 12" (150mm x 305mm)
Overall	9" W x 22" H x 15" D (23cm x 56cm x 38cm)
Net Weight	10 lbs. (4.5 kg)
Gross Weight:	13 lbs. (5.9 kg)

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

Manufactured in the USA by



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RX-80-BHL CONFIGURATIONS & OPTIONS

OTHER VERSIONS AVAILABLE

There are several custom configurations of this popular combination Hot Knife & Hole Punch. Below are just a few examples of some commonly requested models:

RX-80-BHL-WK *Brass hot knife & hole punch combo, 120V*
110mm brass hot knife and single hole punch device for standard punch collets.

RX-80-SHL-WK *SS hot knife & hole punch combo, 120V*
110mm stainless steel hot knife and single hole punch device for standard punch collets.

RX-84-BHM-WK* *Brass long hot knife/hole punch, 120V*
160mm brass hot knife and single hole punch device for standard punch and large collets up to 1.5" (38mm) dia.

RX-84-SHM-WK* *SS long hot knife/hole punch, 120V*
160mm stainless steel hot knife and single hole punch device for standard punch and large collets up to 1.5" (38mm) dia.

*Note: RX-84-BHL and RX-84-SHL models are fitted to the Long-arm frame base.

Visit our website – www.thewebcutter.com – to configure this model to your particular specifications.

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TOOLING CONFIGURATIONS

Change the 3-digit tooling code of the RX-80 or RX-84 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
110mm brass hot knife w/single punch	BHL
110mm ss hot knife w/single punch	SHL
160mm brass hot knife with single punch up to 1.5" (38mm) dia.	BHM
160mm ss hot knife with single punch up to 1.5" (38mm) dia.	SHM

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-75:

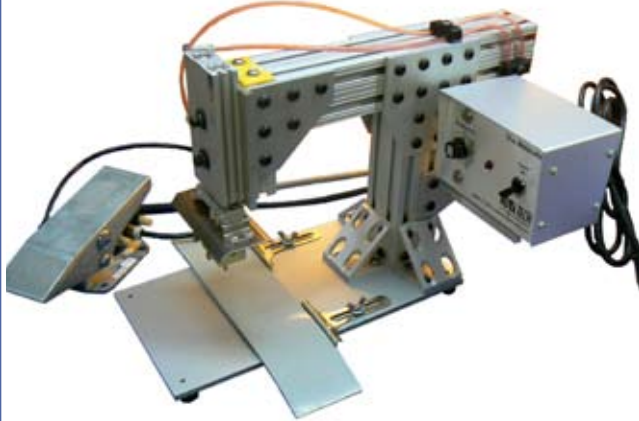
- **Basic controller (type W)** is inexpensive and provides a simple means of broadly regulating the operating temperature for tools that require up to 600W of power.
- **Heavy duty (type S)** is used for operating loads up to 1500W.
- **Digital/PID controller (type D)** is used when fine temperature 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 mains.

RX-95

THE WEBCUTTER PNEUMATIC HOT HOLE PUNCH



Model shown:
RX-95-PS1-WK
Single Hole Punch with basic controller
(shown with safety guard below)



DESCRIPTION

The RX-95 is a general purpose and configurable Pneumatic Thermal Press and Hole Punch which can be used to melt holes, slots or shapes, for burning leather, cutting ribbon, or may be fitted with most any thermal tooling suitable for use on a vertically operated pneumatic press.

To operate, position the work under the heated tooling and step on the foot pedal.

Will melt and seal holes in 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
- Basic heat controller (type W) and 120V power plug
- Pneumatic or Electric foot pedal (depending on controller)
- Operating temperature to 900° F (480°C)
- Fused and grounded for electrical safety
- Power lamp indicates when the power is on
- Available in 230V version with power plug for any country
- Available with automatic dwell timer controller (type T)

Includes tooling for punching holes OR punching slots.
Additional and custom tooling is available upon request.

See back for additional tooling options.

Manufactured in the USA by



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GENERAL SPECIFICATIONS

Std. Power Supply	120VAC, up to 600W max.
Throat Opening	6" (150mm)
Working Temperature	up to 900° F (480°C)
Base Dimensions	6" x 12"
	(150mm x 305mm)
Overall	9"W x 12" H x 15" D
	(23cm x 31cm x 38cm)
Net Weight	15 lbs. (6.8 kg)
Gross Weight:	20 lbs. (9 kg)

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

RX-95 CONFIGURATIONS & OPTIONS

OTHER VERSIONS AVAILABLE

There are many custom configurations of this popular Thermal Press. Below are just a few examples of some commonly requested models:

RX-95-PN1-WK *Thermal slotted hole punch, 120V*

Cut and seal slotted holes. Choose from among several standard or custom made oval slot punches.

RX-95-S11-TK *Thermal cut with small ss "V" knife, 120V*

Cut, seal and melt a "V" shape into ribbon and thin webbings up to 1.5" (38mm) wide. Equipped with a dwell timer and digital/PID heater control for consistent quality.

RX-95-M33-TK *Thermal embossing w/dwell timer, 120V*

Burn your logo, lettering, or fine artwork into leather, wood or plastics with consistency. Equipped with adjustable dwell timer and heated tooling area is 2"x3" (50x76mm). Uses a custom made magnesium die; artwork required. Other sizes are also available.

RX-95-SV1-WK *Thermal button-hole slitting, 120V*

Make small sealed slits (button-holes) into thin fabric, ribbon, or webbing; will melt through multiple layers of webbing, fleece or vinyl, etc.

Visit our website – www.thewebcutter.com – to configure this model to your particular specifications.

Questions? Ready to place an order?
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TOOLING CONFIGURATIONS

Change the 3-digit tooling code of the RX-95 to reconfigure this model to your requirements. Just a few examples are:

Description	Code
Small one-piece brass shaped knife, up to 1.5" (38mm) wide	B11
Slot punch	PN0
Hole punch, single hole	PS1
Hot "X" shaped slitting tool for thin fabrics up to 4"x4" (100mm x 100mm)	D54
Button-hole slitting knife, up to 1.5" (38mm) long	SV1
Magnesium embossing or cutting die, 2" x 3" (50x76mm)	M33

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-95:

- **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.
- **Digital/PID controller (type D)** is used when fine temperature control and/or higher heating load is required. This includes a type K thermocouple.
- **Dwell timer (type T)** incorporates an adjustable cut dwell timer for consistent 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 mains voltage.