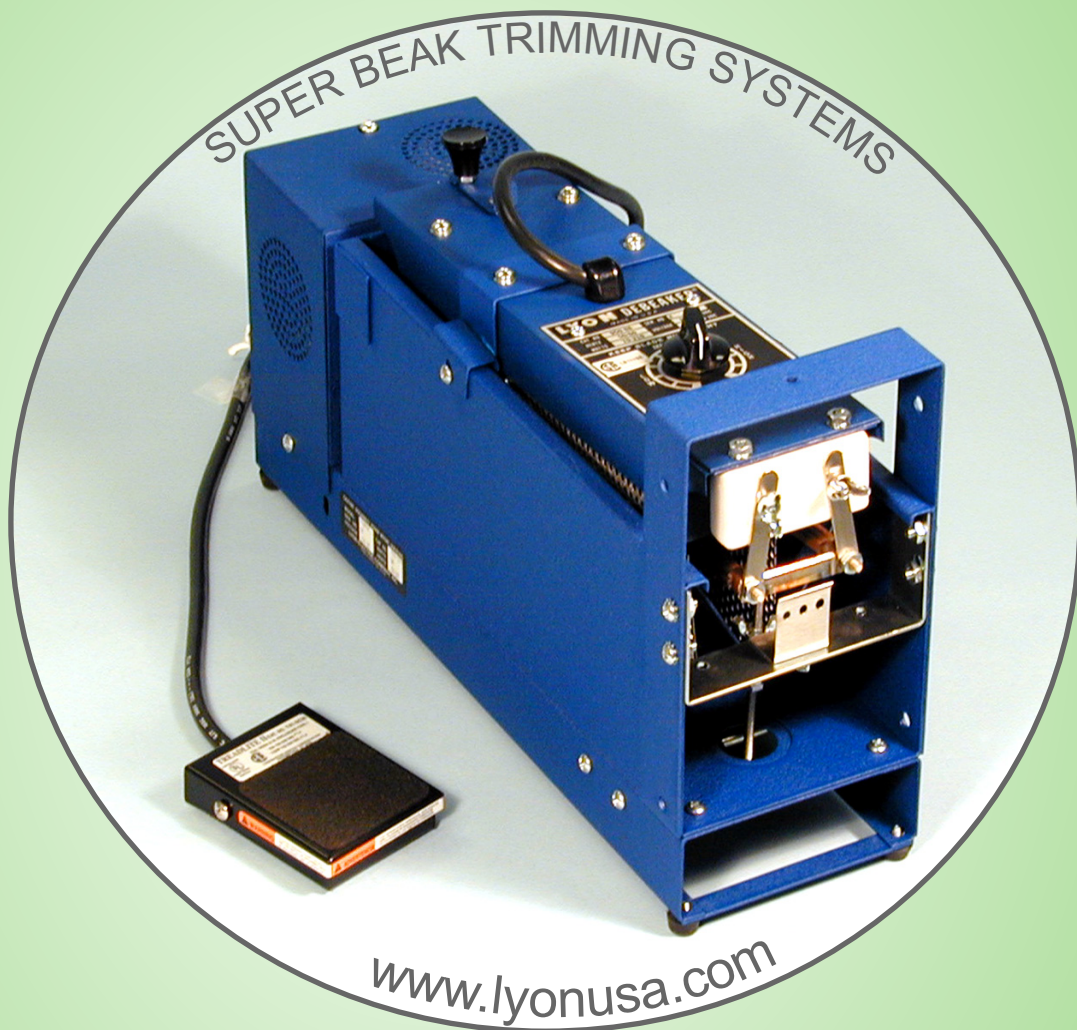




**BEWARE OF LYON PRODUCT IMITATIONS!**



*"Our Lyon Products Often Imitated, Never Duplicated!"*

- Poultry Equipment
- Egg Candles
- Digital Scales
- Super Beak Trimmers
- Digital Thermometers
- Parts & Accessories

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# LYON SUPER BEAK TRIMMER



- **PROVEN**
- **RUGGED**
- **ECONOMICAL**
- **ADAPTABLE**
- **SAFE**
- **FLEXIBLE**

The LYON SUPER BEAK TRIMMER is recognized and used around the world as the only proven reliable and safe method to stop:

- CANNIBALISM
- PICKING
- FIGHTING
- EGG LOSS

The LYON SUPER BEAK TRIMMER beak trims and cauterizes in a single operation. This inhibits bleeding and beak regrowth. Birds usually begin eating right after trimming.

Everyday the LYON SUPER BEAK TRIMMER is used by turkey growers, hatcherymen, broiler producers, Egg producers, and game bird breeders around the world.

Improvements to the LYON SUPER BEAK TRIMMER include a redesigned blade contact area. Contact leads have been eliminated with the use of heavy transformer lead end terminals which provide better blade contact. Maintenance is reduced and easier to perform.

| CATALOG NUMBER | INPUT VOLTAGE | HERTZ | SHIPPING WEIGHT |
|----------------|---------------|-------|-----------------|
| 950-088        | 120VAC        | 50/60 | 11 POUNDS       |
| 950-089        | 230VAC        |       | 5.0 KILOS       |

The previously used carriage hinge has been replaced with pivots mounted low on the center line of the blade. This gives a square, even cut on the bird's beak.

An optional hand rest is available. It provides a steady platform making it easier for the operator to hold the bird in the proper beak trimming position. Quality is improved with reduced operator fatigue.

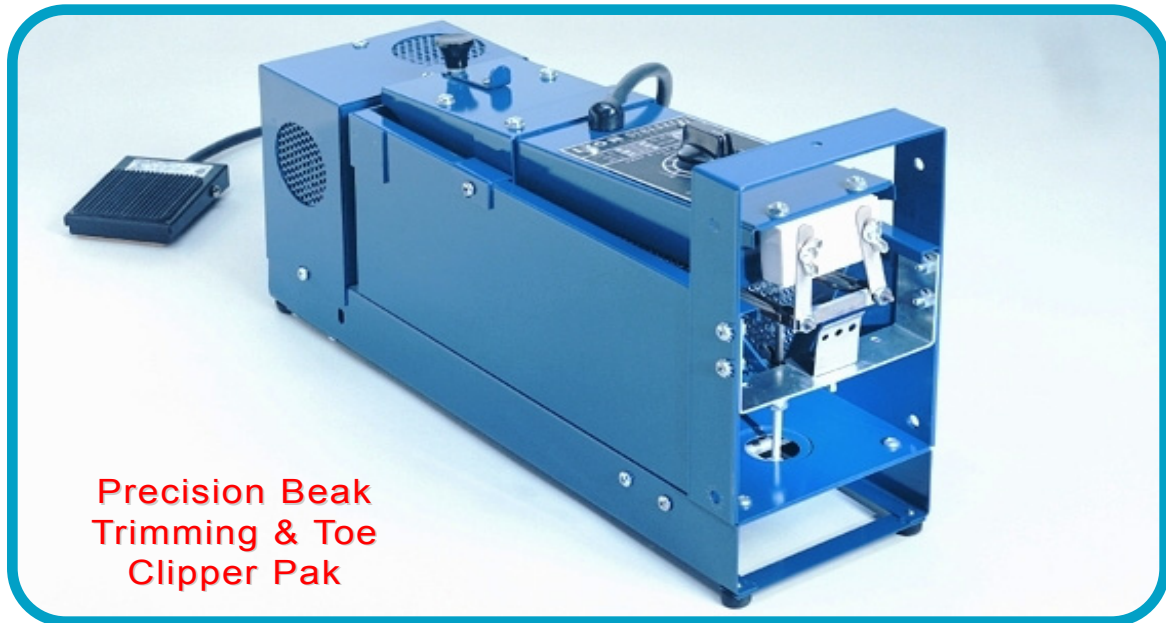
Choose the method of beak trimming you prefer. Lyon supplies a full line of Blades, Attachments, and Power Units for all types of beak trimming, wing notching, and toe trimming in general use today. For a complete list of Blades and Attachments, see page 7.

The LYON SUPER BEAK TRIMMER is supplied complete with KH Blade, standard beak support and 6 foot power cord. To order foot pedal and chain add suffix "FP" to the desired catalog number. To order optional hand rest see Ordering Information.

| CATALOG NUMBER | ITEM DESCRIPTION                              | SHIPPING WEIGHT         |
|----------------|---|-------------------------|
| 900-058        | GALVANIZED METAL FOOT PEDAL, CHAIN & HARDWARE | 1 POUND<br>.45 KILOS    |
| 940-027        | OPTIONAL HAND REST ASSEMBLY                   | .5 POUNDS.<br>.23 KILOS |

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# Complete Beak Trimming & Toe Clipping Systems



■ **PRECISION BEAK TRIMMER-PAK FOR LAYERS**

■ **TOE CLIPPER-PAK**

Do you need a complete beak trimming or toe clipping package without the fuss and bother of selecting all the various components needed? For your convenience, Lyon has taken the most popular beak trimming and toe clipping combinations and made them into a complete system unit. Each system is complete in every respect. It includes LYON BEAK TRIMMER, POW-R-PAK and ATTACHMENT. Just plug it in and you are ready to operate. From the systems shown, select the one you need. A single catalog number and control suffix will secure the desired complete beak trimming or toe clipping system.

## PRECISION BEAK TRIMMER-PAK FOR LAYERS

This system is designed especially for the 6-10 day old Precision Block Beak Trimming of layer chicks. It provides the important 2+ seconds of cauterization time. When done properly, this method of beak trimming will usually suffice for the life of the bird, and eliminate the need to retrim later. To assure proper quality and the timed cauterization necessary for this method, a control **MUST BE USED**. Systems are available with the B or BP attachment. For Finger Trigger, or Foot Switch control, add the appropriate suffix to the single catalog number.

## SYSTEM INCLUDES

Improved LYON BEAK TRIMMER, Mechanical POW-R-PAK, Attachment of choice.

### ORDERING INFORMATION

| ATTACHMENT TYPE IN SYSTEM | INPUT VOLTAGE 50.60 Hz | SYSTEM CATALOG NUMBER |
|---------------------------|------------------------|-----------------------|
| B Water Cooled BC Blade   | 115 VAC                | 960-030*              |
|                           | 230 VAC                | 960-031*              |
| BP Waterless BC Blade     | 115 VAC                | 960-032*              |
|                           | 230 VAC                | 960-033*              |

SHIPPING WEIGHT- 19 lbs. (8.63 kilos)  
\*CONTROL SUFFIX: ADD TO CATALOG NUMBER.

TC for Finger Trigger Control  
FS for Foot Switch (NOT splashproof)

## TOE CLIPPER-PAK

A complete system for toe clipping using the B11T toe clipping attachment on all models. May be used with control or unit can run free. Add suffix TC to Catalog No. for Finger Trigger Control, or FS for Foot Switch.

Available operations per hour based on 120 VAC or 230 VAC @ 60 Hz and units running free of control at rated load.

### ORDERING INFORMATION

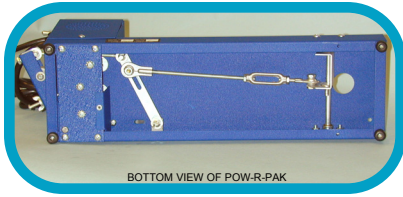
| AVAILABLE OPERATIONS PER HOUR | INPUT VOLTAGE 50.60 Hz | SYSTEM CATALOG NUMBER |
|-------------------------------|------------------------|-----------------------|
| up to 3960                    | 115 VAC                | 960-038*              |
|                               | 230 VAC                | 960-039*              |

SHIPPING WEIGHT- 19 lbs. (8.63 kilos)  
\*CONTROL SUFFIX: ADD TO CATALOG NUMBER.  
TC for Finger Trigger Control  
FS for Foot Switch (NOT splashproof)

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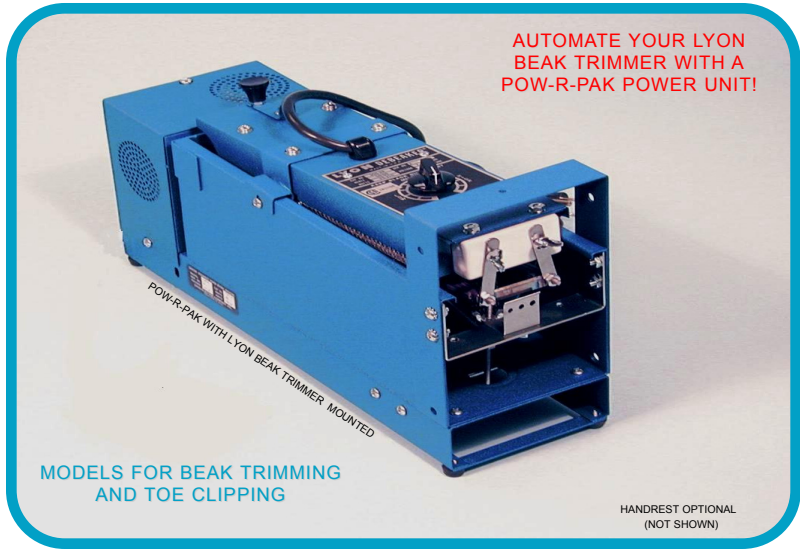
# POW-R-PAK POWER UNIT



BOTTOM VIEW OF POW-R-PAK



POW-R-PAK WITHOUT BEAK TRIMMING MACHINE



AUTOMATE YOUR LYON  
BEAK TRIMMER WITH A  
POW-R-PAK POWER UNIT!

MODELS FOR BEAK TRIMMING  
AND TOE CLIPPING

HANDREST OPTIONAL  
(NOT SHOWN)

- AUTOMATES LYON BEAK TRIMMER
  - IMPROVES QUALITY
- INCREASES PRODUCTION
  - CHOICE OF CONTROLS

## PRECISION CAM POW-R-PAK FOR PRECISION BEAK TRIMMING

This POW-R-PAK uses a cam designed specifically for the 6-10 day old Precision Block Debeaking of layers and breeders with the recommended 2 +seconds of cauterization. Properly done, this method of beak trimming will usually last for the life of the bird and eliminates the need to retrim beaks at a later date. UNIT MUST BE USED WITH A CONTROL

| PRECISION POW-R-PAK* Input | Catalog Number |
|----------------------------|----------------|
| Voltage                    |                |
| 50/60Hz                    |                |
| 120 VAC                    | 900-I 30       |
| 230 VAC                    | 900-131        |

| CONTROL METHOD | Control Method |
|----------------|----------------|
| Foot Switch    | Touch Control  |
| 900-I 30FS     | 900-130TC      |
| 900-131FS      | 900-131TC      |

## HEN CAM POW-R-PAK FOR CHICKS, POULTS, OR HENS

The Hen Cam POW-R-PAK can be used to beak trim from 150 to 1200 birds per hour depending on whether chicks, poults, or hens. Cam shape provides maximum power available to BEAK TRIMMER. The cycle pattern makes this unit an ideal power unit for many types of beak trimming and is a good unit for TT and poult beak trimming.

| HEN CAM POW-R-PAK* Input | Catalog Number |
|--------------------------|----------------|
| Voltage                  |                |
| 50/60Hz                  |                |
| 120 VAC                  | 900-I 32       |
| 230 VAC                  | 900-133        |

| CONTROL METHOD | Control Method |
|----------------|----------------|
| Foot Switch    | Touch Control  |
| 900-I 32FS     | 900-I 32TC     |
| 900-I 33FS     | 900-I 33TC     |

## TOE CLIPPING POW-R-PAK WITH DOUBLE ACTING CAM

These units are designed primarily for toe clipping using the B11T Toe Clipping Attachment. Each shaft revolution of the double acting cam gives two cycles of Debeaker' operation. Units may be used with or without a control method.

| TOE CLIPPING POW-R-PAKS* Input | Catalog Number |
|--------------------------------|----------------|
| Voltage                        |                |
| 50/60Hz                        |                |
| 120 VAC                        | 900-136        |
| 230 VAC                        | 900-I 37       |

| CAM           | Control Method |
|---------------|----------------|
| Double Acting | NONE           |

## POW-R-PAK CONTROLS\*\*: Important-Controls must be specified when ordering POW-R-PAK.



### FINGER TOUCH CONTROL (A)

Mounts conveniently on BEAK TRIMMER front for easy finger operation. Add suffix TC to POW-R-PAK Catalog Number.



### FOOT SWITCH CONTROL (B)

Hands-free operation with nominal foot pressure in standing or sitting position. Add suffix FS to POW-R-PAK Catalog Number.

| SUFFIX TO POWER UNIT CATALOG NUMBER | CONTROL TYPE DESCRIPTION            | FOR CONTROL ONLY-ORDER CATALOG NUMBER |
|-------------------------------------|-------------------------------------|---------------------------------------|
| TC                                  | FINGER TOUCH CONTROL                | 900-134                               |
| FS                                  | FOOT-SWITCH (NOTE NOT SPLASH PROOF) | 900-135                               |

#### NOTES:

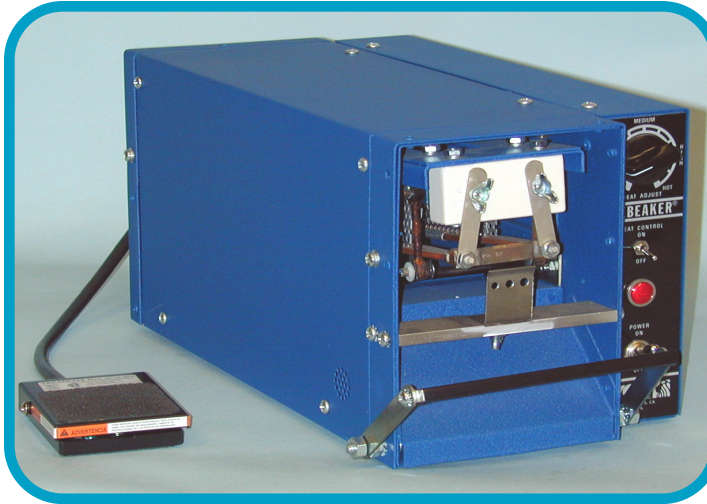
- 1.- Available operations per hour based on 120VAC or 230VAC input @ 60Hz.. with units running free of control at rated load.
- 2.- Dwell time IS the total time cauterizing blade IS in contact with birds beak or toes.

\*Controls may be added in the field but some knowledge of tools and wiring is required. Controls should be ordered with POW R-PA K where possible.

\*SHIPPING WEIGHT POW-R-PAK Shipping Weight 8 Lbs., 3.4 Kilos Control Shipping Wt. 1 Lb., .3 Kilos

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# SUPER $\nabla$ BEAK TRIMMER



The SUPER  $\nabla$  BEAK TRIMMING MACHINE is a complete, powered BEAK TRIMMING MACHINE® that incorporates many new design features to improve beak trimming quality and production.

## MODELS AVAILABLE FOR:

- STANDARD BEAK TRIMMING
- 6 TO 10 DAY-OLD PRECISION BEAK TRIMMING OF LAYERS & BREEDERS
- TT BEAK TRIMMER
- DAY-OLD TURKEY BEAK TRIMMING
- TOE CLIPPING

- FORCED AIR EXHAUST AT BACK
- MECHANICAL DRIVE SYSTEM
- SOLID STATE HEAT CONTROL
- FOOT SWITCH OPERATION
- SUPERIOR BLADE CONTACT
- HANDREST

### SUPER $\nabla$ STANDARD BEAK TRIMMER

For conventional beak trimming of birds up to 12 weeks old. Supplied with H Blade. Foot Switch included.

| Catalog No. | A-C Input Voltage<br>50/60 Hz | Available Operations<br>Per Hour | Attachments                |
|-------------|-------------------------------|----------------------------------|----------------------------|
| 950-090     | 120                           | Up to 1380                       | Super $\nabla$<br>Standard |
| 950-091     | 230                           |                                  |                            |

### SUPER $\nabla$ TURKEY BEAK TRIMMER

For the day-old sear cut method of beak trimming turkey poults. Foot Switch included.

| Catalog No. | A-C Input Voltage<br>50/60 Hz | Available Operations<br>Per Hour | Attachments              |
|-------------|-------------------------------|----------------------------------|--------------------------|
| 950-098     | 120                           | Up to 1380                       | Super $\nabla$<br>Turkey |
| 950-099     | 230                           |                                  |                          |

### SUPER $\nabla$ PRECISION BEAK TRIMMER

For 6-10 Day-Old Precision Beak Trimming of layer and breeder chicks. Foot Switch included.

| Catalog No. | A-C Input Voltage<br>50/60 Hz | Available Operations<br>Per Hour | Attachments        |
|-------------|-------------------------------|----------------------------------|--------------------|
| 950-092     | 120                           | Up to 1380                       | BP<br>WATERLESS    |
| 950-093     | 230                           |                                  |                    |
| 950-094     | 120                           | Up to 1380                       | B WATER-<br>COOLED |
| 950-095     | 230                           |                                  |                    |

### SUPER $\nabla$ TT BEAK TRIMMER

Cuts and cauterizes both beaks simultaneously with an inward slant. Foot Switch included.

| Catalog No. | A-C Input Voltage<br>50/60 Hz | Available Operations<br>Per Hour | Attachments       |
|-------------|-------------------------------|----------------------------------|-------------------|
| 950-096     | 120                           | Up to 1380                       | Super $\nabla$ TT |
| 950-097     | 230                           |                                  |                   |

### SUPER $\nabla$ TOE CLIPPER

For all types of toe clipping and marking. Uses double acting cam. Foot Switch NOT included.

| Catalog No. | A-C Input Voltage<br>50/60 Hz | Available Operations<br>Per Hour | Attachments |
|-------------|-------------------------------|----------------------------------|-------------|
| 950-092     | 120                           | Up to 2760                       | B11T        |
| 950-093     | 230                           | 23 RPM                           |             |
| 950-094     | 120                           | Up to 3960                       | B11T        |
| 950-095     | 230                           | 33 RPM                           |             |
| 950-094     | 120                           | Up to 3960<br>50 RPM             | B11T        |

### OPTIONAL HEAVY DUTY FOOT SWITCH

Has rugged cast metal housing. Recommended where unit will be used in bird houses or where foot switch will be subjected to rough use and handling.



CATALOG NO. 900 -115

SHIPPING WT. 3 lbs. 1.4 kilos


**SUPER  $\nabla$  BEAK TRIMMER SHIPPING WEIGHT**  
All Models) 25 lbs. (11.4 kilos) NOTE 1: Available operations per hour based on 120 or 230 VAC input @ 60Hz., and unit running free of control at rated load.

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# BEAK TRIMMING BLADES

LYON BEAK TRIMMING BLADES are engineered and manufactured to meet the varied requirements of the Poultry Industry. Unique special alloy blade material with conductive contact area assures proper heat and contact. The various types of BEAK TRIMMING BLADES illustrated provide for all types of beak trimming in general use.


**\*\*BEWARE OF LYON PRODUCT IMITATIONS\*\***



**BC BLADE\*:**  
 .051 Thick. A heavy cutting blade with 2 sharpened edges. Used with the BC, IR, BP and B attachments for fast uniform debeaking of baby chicks. (2 1/8" L.)  
 Use on 6-10 day old birds.  
 Catalog No. 930-000



**K BLADE\*:**  
 .032 thick. A general purpose debeaking blade. Use up to 6-7 weeks old.  
 Catalog No. 930-011



**D BLADE:**  
 A debilling blade with a concave depression in the center for fast searing of the beak. Is sometimes used for touch up work.  
 Catalog No. 930-002




**KH BLADE\*:**  
 A general purpose beak trimming blade 7/16" wide x .040 thick. Supplied on all Super BEAK TRIMMING MACHINE. Designed to replace the K & H blades, and has better heat capability. Use up to 8 weeks.  
 Catalog No. 930-025




**DL2 BLADE:**  
 Also for beak-heat-treating. Has same lip curvature as DL, but blade is 1/2" longer. Used by many hatcheries and producers to treat 2 chicks at once.  
 Catalog No. 930-005



**MN2 BLADE:**  
 A special searing blade developed for use with the type MN attachment (Mike's Notching's setup).  
 Catalog No. 930-013




**H BLADE\*:**  
 .045 thick. A general use cutting blade, similar to K blade, but heavier. Used for turkey debeaking. Use on 6-11 week old birds.  
 Catalog No. 930-006



**S BLADE:**  
 .051 Thick. A heavy duty cutting blade similar to the H Blade but thicker. Used for turkeys and heavy older birds. Use on 12 week or older birds.  
 Catalog No. 930-016



**IRXW BLADE:**  
 A 1/4" wide blade with a 45 degree angle for use with the BHT (Beak Heat Treater@) attachment.  
 Catalog No. 930-010



**TV BLADE:**  
 .051 Thick. A special cutting blade for the TT and SUPER TT BEAK TRIMMER MACHINE. Has a reverse "V" shape to cut upper and lower beaks simultaneously with an inside slant.  
 Catalog No. 930-018

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# BEAK SUPPORTS, ATTACHMENTS "U" BRACKET

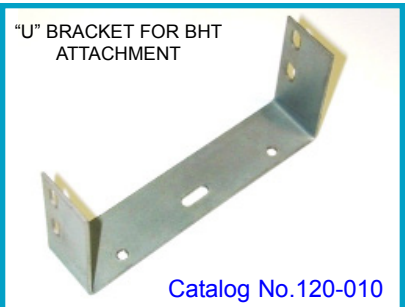
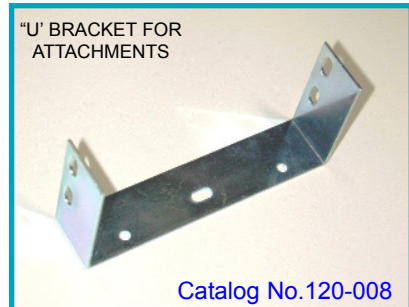
**STANDARD BEAK SUPPORT:** A solid steel support with indented bottom for strength can be used with any straight cutting edge blade. Supplied standard on all LYON SUPER BEAK TRIMMERS.



**FLAT BEAK SUPPORT:** Has flat beak area, preferred by many. For beak trimming. Also for toe clipping using a Type K, KH or H Blade.

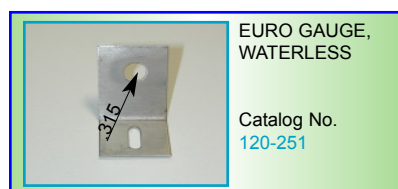
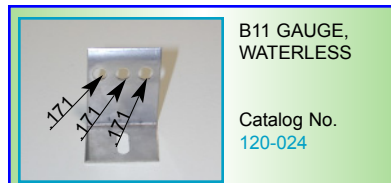
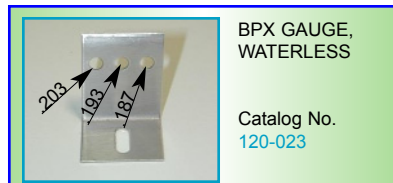


**"U" BRACKET FOR ATTACHMENTS:** A universal bracket used on all attachments except the BHT and MN2. Any gauge shown as optional in this section can be used with this bracket.



## OPTIONAL GAUGES FOR PRECISION BEAK TRIMMING

(USE WITH "U" BRACKET 120-008)



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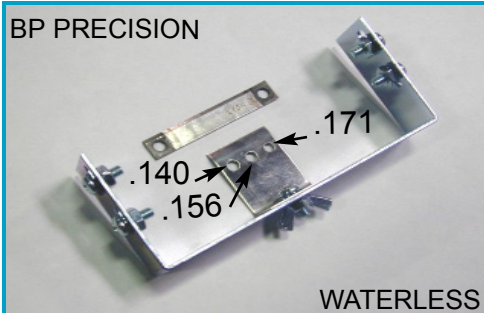
# BEAK TRIMMING ATTACHMENTS (KITS)



Precision beak trimming of 6-10 day old layer chicks, developed by Dr. E.L. Bramhall, Farm Advisor, University of California is a very popular method. Properly done, it is usually unnecessary to retrim during the bird's layer life. A power unit with the proper cam MUST be used in order to deliver a timed 2+ seconds of cauterization required to inhibit beak regrowth.

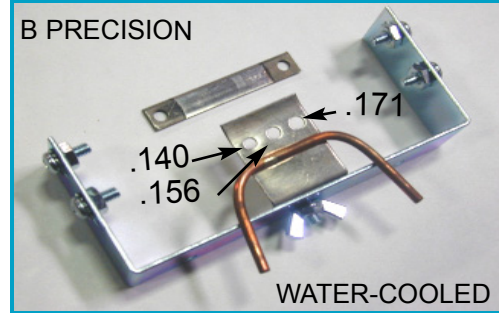
The attachments shown are especially developed for Precision Beak Trimming and come complete with procedural instructions.

## 6-10 DAY PRECISION BEAK TRIMMING OF LAYER CHICKS & BREEDERS



**BP PRECISION BEAK TRIMMING (waterless):** Consists of BP 3-hole gauge and BC Blade with "U" bracket. For use with Precision Power Unit.

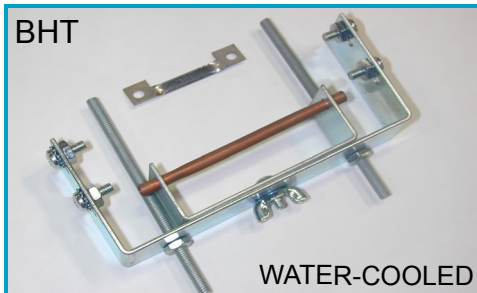
Catalog No. 940-012



**B PRECISION BEAK TRIMMING:** Consists of "U" bracket, type B water-cooled gauge, hose, regulator and BC Type Blade.

Catalog No. 940-011

## BEAK-HEAT-TREATING ATTACHMENTS FOR BROILERS



**BHT, BEAK-HEAT-TREATOR@ ATTACHMENT:** For upper beak removal of broilers by the beak-heat-treating method. Also used for day old duck debeaking. Consists of "U" bracket with adjustable screws for height, adjustable water cooled beak support, hose, regulator and IRXW Blade.

Catalog No. 940-006 (BHT-A Kit - Same as BHT with IRXW Blade) Catalog No. 940-007



**MN BEAK HEAT TREATING ATTACHMENT:** Type MN Attachment for Mike's Notching set-up, developed by Mike Aglio for Arbor Acres Farms. Consists of MN bracket, BHA Blade height adjustor and MN2 Blade.

Catalog No. 940-008

## DAY OLD BEAK-HEAT-TREATING

**DAY OLD BEAK-HEAT-TREATING:** Day old Beak-Heat-Treating (searing) is probably most common method of debeaking broilers. In this method, the top curved surface of the upper beak is touched to a hot blade. After the bird has learned to eat and drink the beak tip drops off, presenting no problems. Properly done, this method usually suffices until market time. In addition to flat blades (BC, IRXW), curved blades to sear a notch in the upper beak can be used (DL, DLX, LD, plus DL2 and MN-2 for debeaking 2 birds at once).

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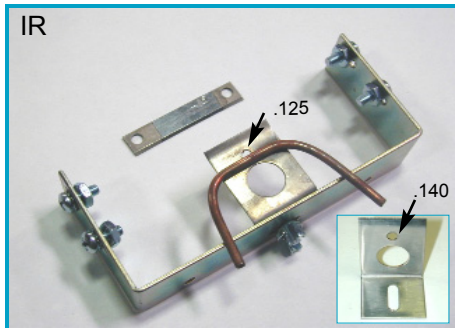


# UPPER BEAK REMOVAL ATTACHMENTS

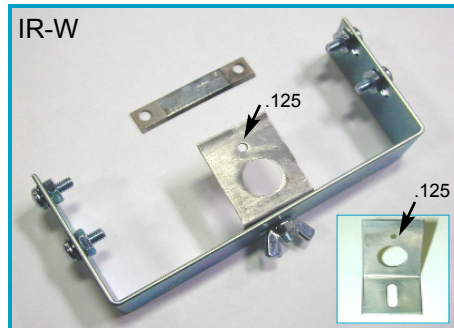
**UPPER BEAK REMOVAL:** Developed by the famous Indian River Farms, the IR Type attachments are widely used for day-old beak trimming of broilers. In this method, the upper beak is inserted in the small hole, the lower beak in the large one. The upper beak is then cut and cauterized as shown in the upper sketch. This method usually suffices to disarm the bird until market time.

Although the IR Attachments were developed for broilers, additional gauges have been developed which are widely used by game bird growers to beak trim quail, pheasants, etc., whether they are grown as meat birds or until they are released, as the beak will grow back in 8 to 10 weeks unless further or more pronounced beak trimming is done. The lower sketch shows how game birds are beak trimmed with the IR Attachments.

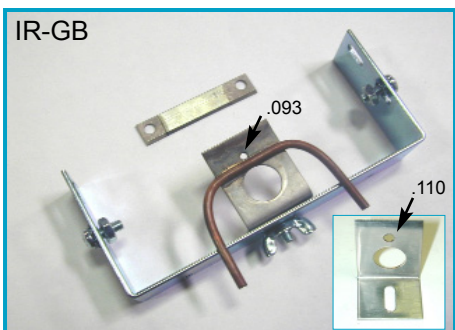
## UPPER BEAK REMOVAL ATTACHMENTS FOR CHICKS, BROILERS & GAME BIRDS



**IR UPPER BEAK REMOVAL ATTACHMENT:** Consists of "U" bracket, IR8 water-cooled gauge IR9, waterless gauge, hose, regulator and BC Blade.  
Catalog No. 940-014



**IR-W UPPER BEAK REMOVAL ATTACHMENT:** Consists of "U" bracket, IR 28 waterless gauges and BC Blade.  
Catalog No 940-015

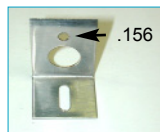


**R-GB GAME BIRD ATTACHMENT:** Consists of "U" bracket IR 6 water-cooled, gauge for quail IR7, waterless gauge, hose, regulator and BC Blade.  
Catalog No. 940-016

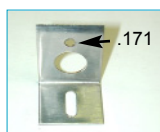
### OPTIONAL GAUGES FOR UPPER BEAK REMOVAL (Use with U Bracket 120-008)



IR6 GAUGE, (.093) WATERLESS  
Catalog No. 120-027



IR6 GAUGE, WATERCOOLED  
Catalog No. 120-020



IR10 GAUGE, WATERLESS (.156)  
Catalog N 120-028

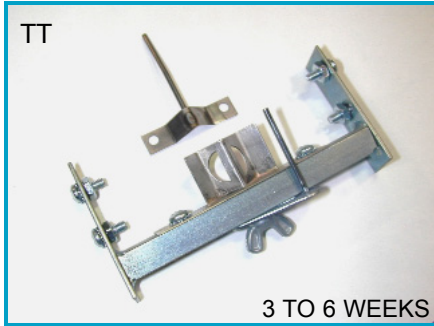


IR10 GAUGE, WATERCOOLED  
Catalog No. 120-038

No. 11 GAUGE, (.171) WATERLESS  
Catalog No. 120-037

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## TT ATTACHMENT - FOR CONVERSION OF SUPER BEAK TRIMMER TO SUPER TT BEAK TRIMMER

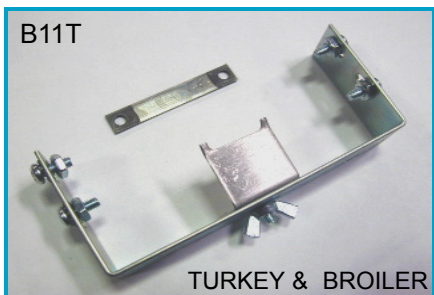


**TT ATTACHMENT:** This attachment will convert your SUPER BEAK TRIMMER into a TT BEAK TRIMMER. TT method of beak trimming offers a different approach as the bird is held sideways at a 90 degree angle from the unit and both beaks are cut and cauterized simultaneously with an inward slant as shown in drawing.

Recommended for birds 3 to 6 weeks of age.

**TT Attachment**  
Catalog No 940-024

## TOE & WING CLIPPING

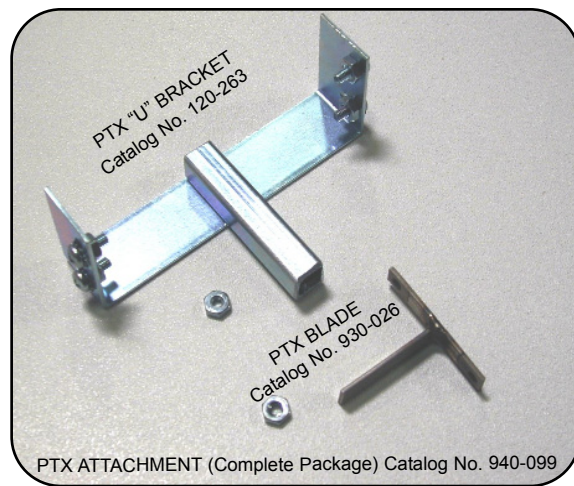
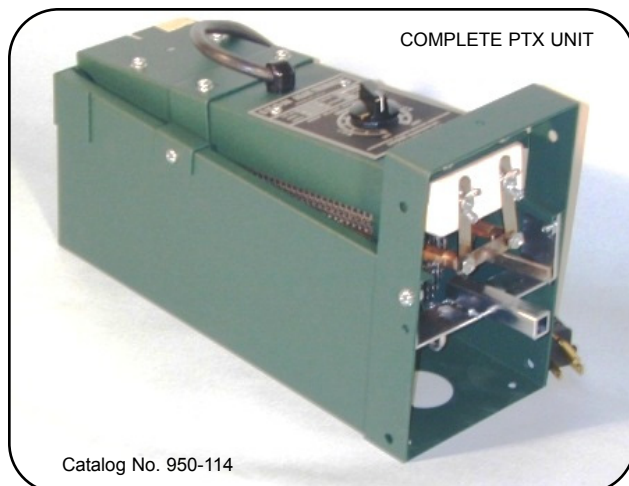


**B11T CLIPPING ATTACHMENT: TOE CLIPPING.** Toe clipping has become a widespread practice with turkey producers and more recently, broiler producers. It eliminates the problem of back ripping prevalent in some bird strains. The B1 IT Attachment cuts and cauterizes in a shearing action. Double acting power units are usually used with this attachment to obtain high production rates of toe clipping. The attachment is also used for wing cutting. Comes complete with instructions on toe clipping and marking.

Catalog No 940-005.

## New! PTX ATTACHMENT

- DEVELOPED FOR THE REMOVAL OF THE END OF THE TAIL OF PIGS (AND PUPPIES)
- EFFECTIVE IN REDUCING THE INCIDENCE OF TAIL BITING



Performed on pigs less than two (2) weeks old, preferably in the first two (2) days. Procedure is well tolerated and with very low incidence of infection as noted by user feed-back.

*"Our Lyon Products Often Imitated, Never Duplicated!"*

# BEAK TRIMMING ACCESSORIES



## A101Y ADJUSTABLE STAND

Easily assembly, the A101Y Adjustable Stand can be adjusted from 24" up to 43" high for sitting or stand up operation. Tripod leg designed for stability.

Catalog No. 940-000 (Foot Pedal & Chain)  
-A101T Adjustable Stand (as shown in picture)

Catalog No. 940-001 (Foot Pedal & Chain)  
-A101YC W/Chick Box Support (Picture Not Shown)

Catalog No. 940-003 (Foot Pedal & Chain)  
-A101X-EZ Tripod Stand (Picture Not Shown)

Wt: 12 lbs. (5.45 kgs.) \*A101Y

## DIGITAL THERMOCOUPLE THERMOMETER

Eliminate all the guess work on determining Beak Trimming Machine blade temperature. Improve your efficiency maintaining the correct temperature with our new Digital Thermocouple Thermometer

Catalog No. 500-025 (Complete Set)

Catalog No. 500-025-2 (Probe Only)

Catalog No. 500-025-1 (Thermocouple only)

Wt: 1 lb. 5 oz. / (575 gms.)



## SMOKE DISPENSER-PAK

Smoke Dispenser-Pak makes debeaking more pleasant by removing smoke and fumes. Mounts on top of the Beak Trimming Machine and has a flexible exhaust elbow that is adaptable to standard 4 inch duct or the flexible plastic ducting such as that used on clothes dryers. Comes complete with power cord and ON-OFF switch for 120 volt or 230 volt operation.

## BEAK TRIMMER® LIGHT

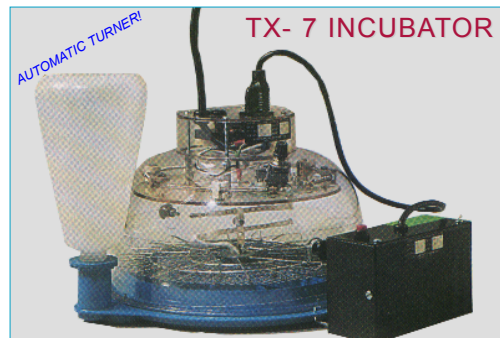
Debeaking in poor light is much easier with this device. Low in wattage, but adequate, the Beak Trimming Machine light helps improve quality and accuracy and reduces eye strain.



| CATALOG NUMBER | INPUT VOLTAGE | HERTZ | SHIPPING WEIGHT |
|----------------|---------------|-------|-----------------|
| 900-111        | 120 VAC       | 50/60 | 3.5 LBS.        |
| 900-112        | 230 VAC       |       | 1.6 KILOS       |

| CATALOG NUMBER | INPUT VOLTAGE | HERTZ | WATTS | SHIPPING WEIGHT |
|----------------|---------------|-------|-------|-----------------|
| 900-025        | 120 VAC       | 50/60 | 7     | 4 OUNCES        |
| 900-026        | 230 VAC       |       |       | 112 GRAMS       |

# LYON INCUBATORS & ACCESSORIES



## TX-7 INCUBATOR

AUTOMATIC TURNER!

View Our Complete Line Of Incubators & Incubator Accessories Online!  
[www.lyonusa.com](http://www.lyonusa.com)



## RX-2 INCUBATOR

AUTOMATIC TURNER!

| CATALOG NO. | INPUT VOLTAGE | SHIPPING WEIGHT |
|-------------|---------------|-----------------|
| 910-067-A   | 120V          | 11 LBS.         |
| 910-068-A   | 230V          | 11 LBS.         |

| CATALOG NO. | INPUT VOLTAGE | SHIPPING WEIGHT |
|-------------|---------------|-----------------|
| 910-059-A   | 120V          | 25 LBS.         |
| 910-060-A   | 230V          | 25 LBS.         |



## INCUBATOR HYGROMETER

Designed particularly for testing humidity in incubators.

Catalog No. 500-007



## PLASTIC HYGROMETER

Economical plastic back hygrometer with wet bulb and dry bulb thermometers. Conversion chart on front allows conversion of readings to % relative humidity.

Catalog No. 500-004



## ELECTRONIC STEM THERMOMETER

A low cost, light weight portable instrument with a range of 0°F to 160°F.

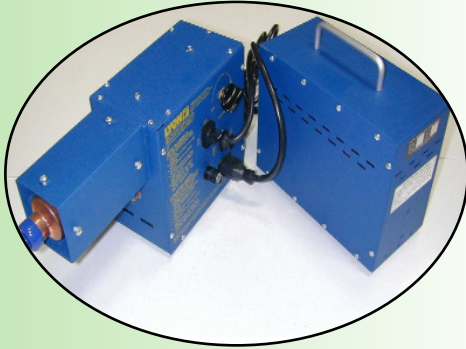
Catalog No. DPT-450

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## HI-INTENSITY EGG CANDLER (Two Part AC-DC Unit)

This new egg candler was developed to provide go-anywhere portability. Some of the advantages are:



120VAC or 12VDC.

Can be used as a stationary candler.

Can be used as a go-anywhere candler.

DC operation by a heavy duty 12VDC Battery included.

The battery has a "built-in" battery charger.

Operating instructions are painted on the housing to prevent loss of important information and instructions.

| CATALOG NUMBER | DESCRIPTION         | VOLTAGE | HERTZ |
|----------------|---------------------|---------|-------|
| 950-113        | Egg Candler Only    | 120 VAC | 50/60 |
| 910-181        | Battery Charger Pak |         | 50/60 |

The Hi-Intensity Candler is the most powerful and effective egg candler we have ever produced. It has an intense narrow beam light source with a prescribed focal length. This light source gives maximum light penetration into the egg, making it highly effective on dark and mottled eggs. The light is so bright that it should not be viewed with the naked eye. The long life lamp is supplied by a heavy duty transformer and the unit is air cooled to minimize heat. A control is provided to vary the light intensity over its upper range, only the amount of light required should be used. Operating the halogen lamp at less than full intensity can extend lamp life significantly. The light tube and the supplied aperture adapters make the unit compatible for small, medium and large eggs.

Ostrich eggs have been successfully candled with this unit. Chicken and Turkey eggs can be candled without the need of a darkened room. This unit is also an excellent unit for candling game and exotic bird eggs. The Hi-Intensity Candler is ideal for laboratories and zoos.

Note: Will not candle Emu eggs.



Adapters Included

| CATALOG NUMBER | DESCRIPTION          | VOLTAGE | HERTZ |
|----------------|----------------------|---------|-------|
| 950-076        | Hi-Intensity Candler | 120 VAC | 50/60 |
| 950-077        | Hi-Intensity Candler | 230 VAC | 50/60 |



The Hi-Power Egg Candler is an economical unit that is widely used by hatcheries to check egg fertility. Egg producers use it to check egg quality, laboratories use the candler to check embryos and pharmaceutical manufacturers use it to check vaccines in production.

Catalog No. 950-070 (120 VAC)  
950-071 (230 VAC)  
Extra Candling Wand - 900-110



POWERPLUX EGG TESTER: The best in low cost candlers. Compact hand unit recommended for general use. (Input: 4.5VDC)

Catalog No. 950-116 (Input:4.5VDC)

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