



# Whizard Series II

The industry standard for meat processors  
from the pioneer in trimming.



**BETTCHER**

the Pioneer in Trimming



# Increased Productivity & Yields

*Whizard® Series II Trimmers are the industry standard for tools from Bettcher, the trimming technology pioneer. Series II Trimmers provide distinct, measurable productivity improvements for meat and poultry processors the world over.*

**Light and Maneuverable** – 20% lighter tools improve operator performance and comfort. Plus, with the addition of DuraLite® casings, workers enjoy reduced fatigue, further increasing their productivity.

**Just the Right Tool** – Series II offers more sizes, blades and motor options than ever for more precise trimming and operational flexibility. Matching the right tool for the right job increases productivity and yields.



**UltraDrive™ Power for Any Application** – The UltraDrive High-Speed Motor delivers more than 5,000 rpm of constant torque, even under load. UltraDrive motors provide faster, more efficient cutting along with reduced operator fatigue, allowing workers to focus on maximizing their product yields. Combined with the use of serrated blades, the UltraDrive High-Speed Motor can reduce the cutting force by 40% over standard configurations.



**Yield-Maximizing Depth Gauges** – A choice of depth gauges is available, contributing to maximum product yields, and allowing operators to work faster and more consistently. Depth gauges also make highly effective aids for training operators in new trimming applications.



# Better Performance & Maintenance

*The ingenious design details of Series II Trimmers deliver smooth performance and rugged durability, ease of service, and low maintenance costs.*

## **Significant Weight Reduction** –

*Advanced materials and fewer parts make this the lightest trimmer we've ever produced. 20% lighter weight creates improved tool balance and reduces the effort required to hold the trimmer.*

**Reduced Parts Inventory** – The Series II trimmer is designed with fewer parts to reduce maintenance time and minimize parts inventories.

## **User-Friendly Frame Assembly** –

*Innovative frame design speeds reassembly, blade changes and adjustments.*

**Quick-Change Bearing** – New labor-saving bearing design slips in and out, with no tools required. One bearing fits all Series II Trimmers.

**Solid Performance** – The enhanced gear mesh design facilitates smoother blade operation and enhanced parts life.

**Smooth Operation** – An enhanced blade/housing interface reduces “chatter” and heat, thereby decreasing vibration and lowering operating temperatures for improved worker comfort and extended parts life.

**Simplified Training** – The entire line of Series II Trimmers shares common design elements. Assembly and adjustment procedures are similar for all models, shortening training time and skill requirements.



*Captive mounting screws are part of the frame assembly so they can't fall out. This design speeds reassembly and prevents lost screws.*



# Advanced Ergonomics & Safety

## **Fitting the tool to the worker...**

*To make them truly ergonomic for all workers, Series II Trimmers are offered in five interchangeable handle sizes. Plus, they can be set up for either left-handed or right-handed operation ... with an adjustable thumb support ... with flanged or flangeless handles. There's even a post handle kit available for larger models.*

## **Special safety features designed into Series II Trimmers include:**

**Ergonomic Handles** – Specially contoured handles and textured handgrips reduce grip force and improve overall grip. All Series II handles are ambidextrous and designed to fit a wide range of hand sizes. There's even an adjustable thumb support for maximum comfort and control.

**Vibration-Absorbing Handle** – Series II handles are made with a vibration-absorbing material to provide additional comfort and keep hands warmer than metal handles. Bi-directional grip design improves tool handling by adding "traction" for your hand.

**Safety Disconnect Handle** – Instantly stopping the trimmer whenever an operator's hand grip is released, this feature contributes to worker safety.

**MicroBreak Hand Strap** – Supporting the hand during production use, this strap allows operators to relax their fingers between work cycles while still maintaining control of the trimmer. This beneficial feature can reduce risks associated with hand stress.

**Built-in Steeling Device** – Available on select models, this feature not only promotes safety during the on-line sharpening process, it also improves cutting performance by preventing rolled blade edges.



**The Series II Whizard® – a lighter, more productive trimmer.**



# The Right Tool for The Right Job

*More trimmer sizes ... more blade profiles ... more ways to trim meat more quickly and precisely.*

350 Trimmer  
360 Trimmer



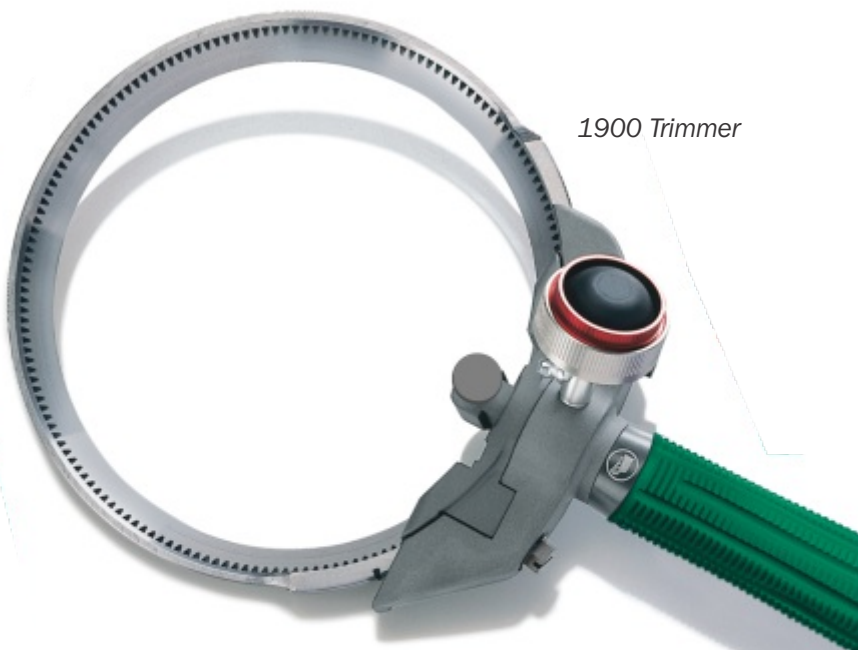
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625 Trimmer



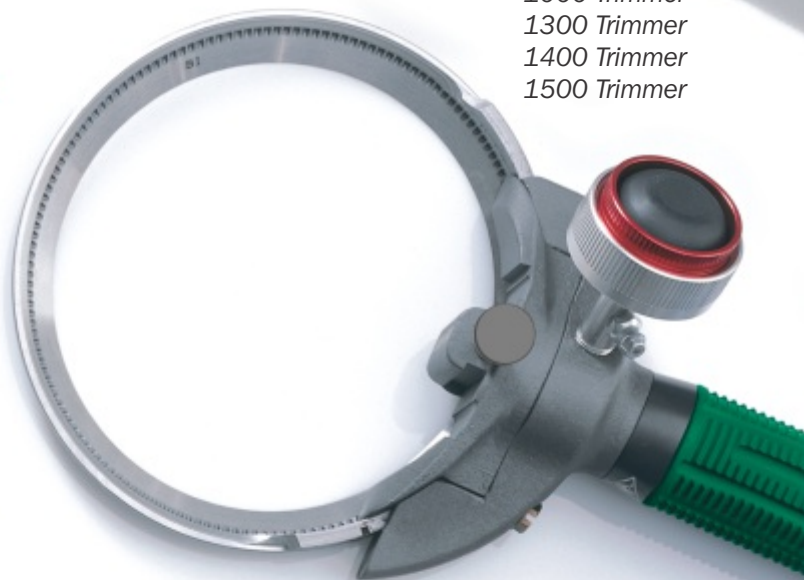
500 Trimmer  
505 Trimmer



1900 Trimmer



1000 Trimmer  
1300 Trimmer  
1400 Trimmer  
1500 Trimmer



750 Trimmer 1880 Trimmer  
850 Trimmer 1850 Trimmer  
880 Trimmer



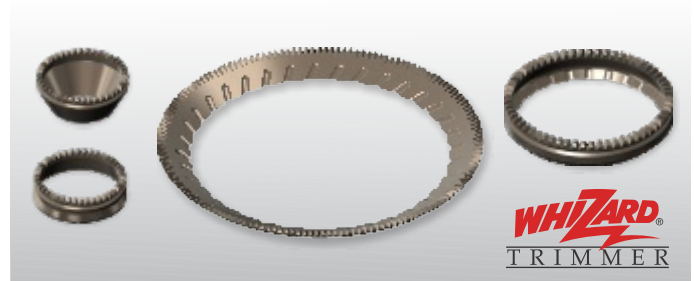


# Productivity-Enhancing Options

Get even more out of your trimmers with special design options and accessories that allow you to customize your trimmer for the specific applications you need to perform. Achieve near-surgical precision in trimming operations with specially designed blades, depth gauges and other accessories that maximize yields and productivity even more.



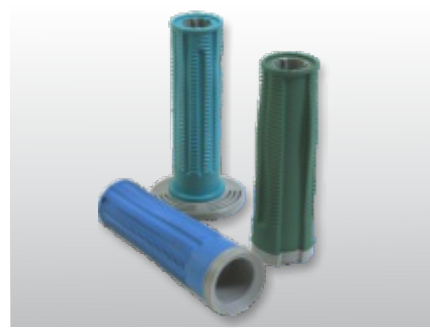
A **push-button steeling device** improves blade performance by preventing rolled edges. (select models only)



The difference between profit and loss can be razor thin. The right Whizard® Trimmer and blade combination can significantly improve yields and upgrade product appearance and value. Your Bettcher representative will work with you to determine the yield maximizing combination for your specific applications.



An instant stop **quick-disconnect handle** is available on all models.



A **flanged handle** (top middle) works well for most general applications. The **flangeless handles** provide additional range of motion when trimming on conveyors or tables with a raised edge.



An optional **post handle attachment** provides additional control for applications that require lateral movements performed for extensive periods of time.



Most Whizard® Trimmer models are available with a range of **depth gauge designs** for optimal control of trimming thickness.

# Electric or Pneumatic – Series II Power

***Now, the productive power of Whizard® Series II Trimmers is also available in a pneumatic tool.***

The AirMax Mach 3 Trimmers provide the next step in air-powered performance, ergonomics and ease of maintenance. The Innovative new design delivers:

- Up to 48% more power.
- Up to 15% lighter weight.
- Contoured, vibration-absorbing handles for maximum operator comfort.
- Interchangeability of most parts between Series II electric and AirMax Trimmer models for simplified maintenance and reduced parts inventory.



## Edge Management

Some applications can dull a blade quickly. Likewise, the costs of a dull blade can add up quickly:

- Increased operator effort to trim
- Increased stress on wrist and forearm
- Diminished product appearance
- Lower productivity and yields
- More frequent blade changes, even during the same shift



**Serrated blades** improve cutting for cold or heavy fat cover.

**Bettcher Industries manufactures precision sharpeners to meet any size need.**



### **AutoEdge™**

#### **Precision Blade Sharpener**

*Ideal for large operations with high-volume sharpening needs. Increases blade life up to 37% over conventional sharpeners.*



### **210 Sharpener**

#### **Blade Sharpener**

*The choice for medium- to high-volume operations, for precision-sharpening of Whizard® Trimmer blades.*



### **E-Z Edge**

#### **Personal Blade Sharpener**

*The perfect productivity companion for workers to resharpen their own blades quickly and correctly.*

# Typical Applications



A: Ham defatting  
B: Pork shoulder defatting  
C: Pork cushion removing

D: Skin patching smoked bellies  
E: Beef button bone removal  
F: Beef defatting strips

G: Neck bone - recovering lean  
H: Salmon dark meat trim  
I: Whole leg deboning

## A leader in food processing innovation.

Established in 1944, Bettcher Industries brings seven decades of successful innovation to the food processing industry. We're a leading developer and manufacturer of innovative precision cutting tools. We pioneered meat trimming technology, and have led the industry in introducing enhancements that continue to make Whizard® Trimmers the standard of excellence worldwide.

Our mission is clearly focused: making continuous, value-driven efforts to develop high quality, technically superior products that meet all safety requirements, coupled with a commitment to world-class quality and service. Based in the United States, Bettcher Industries is an ISO-9001 certified company with direct distribution and service in more than 50 countries throughout the world.



# BETTCHER

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