

WHIZARD **Quantum** TRIMMER SYSTEM

**Introducing the World's Most Productive
and Profitable Trimmer System**



**From the Makers of
the Whizard® Trimmer**

► **Large Trimmer Models**

- Q750 / Q850 / Q880 Straight Blades
- Q1000 / Q1300 / Q1400 / Q1500 / Q1850 / Q1880 Flat Blades



BETTCHER

**More power.
More productivity.
More profits.**

Here's how the Quantum™ Trimmer System will benefit your processing operation:

- ▶ More productivity with faster, easier cutting procedures – even for the toughest trimming applications
- ▶ Better meat yields, with less rework requirements
- ▶ Easy, uncomplicated tool use, with less operator training and increased worker safety
- ▶ Reduced maintenance requirements
- ▶ Fewer components to replace and parts inventories to manage
- ▶ Better energy efficiency

The bottom-line result?
The lowest long-term cost of operation.

Trimming Technology Redefined

Ambidextrous tool design makes one trimmer configurable for all users.

- Simplifies trimmer setup
- Optimizes processing line flexibility and labor usage
- Lowers tool costs

Trimmer frame stands up to heavy use and abuse.

- Reduces process line downtime
- Cuts parts replacement costs

Low-profile, adjustable thumb support provides proper operator fit, reduces the need for adjustment, and delivers better control.

- Reduces operator discomfort
- Improves productivity and quality

High-performance blade and housing interface delivers smooth trimming at high speed. Advanced geometric control improves performance.

- Improves meat yields
- Increases operator productivity
- Better product appearance

Contoured vibration-absorbing trimmer handle is engineered for long-life durability.

- Improves operator control and comfort
- Reduces handle replacement costs

Knob design makes trimmer release easy – even when wearing gloves.

- Improves tool functionality and productivity
- Improves safety on the line

Quantum
TRIMMER

The closer you look, the more value you'll discover.



Our revolutionary **"no-maintenance" Driveline** is a design breakthrough that features a permanently assembled, "lubed for life" flexible shaft and casing.

- ▶ Zero maintenance
- ▶ Less mess
- ▶ Fewer parts inventories to manage
- ▶ No complicated training procedures

Its **integrated structure** combines all components in one unit.

- ▶ Labor-saving design eliminates maintenance time and hassle
- ▶ Allows for easier cleaning and improved sanitation
- ▶ Increases the life expectancy of components

A **completely new drive assembly** engages the driveline to the handpiece.

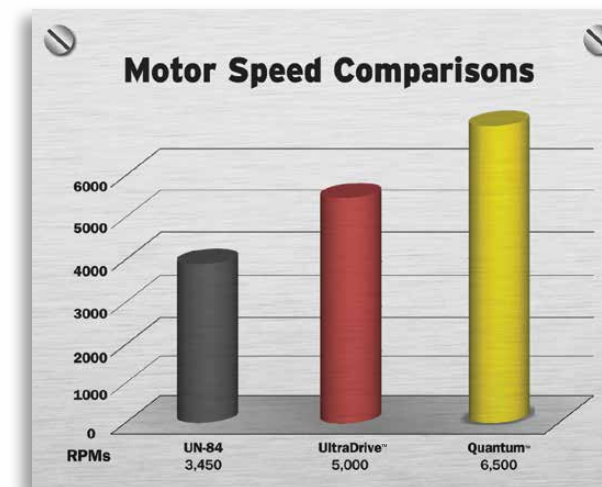
- ▶ Simplified design with fewer parts
- ▶ Reusable from driveline to driveline
- ▶ Improved durability with less maintenance requirements



The **Quantum™ High-Speed Motor** provides smooth, effortless operation on *all* trimming procedures – difficult cuts and all.

Adaptive controls automatically increase torque under load while dramatically reducing vibration.

- ▶ More productive power makes all cut/trim procedures much easier
- ▶ Delivers better meat yields and improved product appearance
- ▶ Provides greater operator control and safety
- ▶ "Soft start" and "quick stop" of the rotating blade
- ▶ Dropout protection
- ▶ Conserves up to 60% in energy usage



Moreover, its lighter weight makes the Quantum motor easier to install and to maintain:

- ▶ More convenient for portability and changeouts
- ▶ Quick-change yoke design reduces process line downtime
- ▶ Secure tool hanger eliminates the risk of dropped tool damage



Quantum Trimmers – Large Models

Typical Applications

PORK

- ▶ Defatting hams, butts and shoulders
- ▶ Skin patching
- ▶ Contamination trim
- ▶ Stamp removal

BEEF

- ▶ Defatting strips and loins
- ▶ Primal fat shaping
- ▶ Hot beef defatting
- ▶ Contamination trim



T-Bone Defatting
Improved appearance and productivity



Beef Strips
Improved yield and appearance



Ham Defatting
Precise and efficient



Bone-in Loins
Trim the fat, not the lean

Learn More!

Visit bettcher.com/quantum for video demos and detailed specs!

Q1000
45° Flat Blade



Q1500
45° Flat Blade
'Closed' Depth Gauge



Q1300
30° Flat Blade



Q1400
30° Flat Blade
'Open' Depth Gauge



Q1850
45° Flat Blade



Q1880
45° Flat Blade
Built-in Steeling
Depth Gauge



Q750
Straight Blade



Q850
Hook Blade
Built-in Steeling



Q880 B/S
Hook Blade
Built-in Steeling
Beef Depth Gauge



It's time for Quantum.

The time is now to harness the uniquely productive power of Quantum, the trimmer system that brings you these great benefits:

- ▶ Increased product yields
- ▶ Improved worker productivity
- ▶ Fewer parts
- ▶ Better energy efficiency

... Along with delivering a **significantly lower long-term cost of operation!**

It's all brought to you by Bettcher – the world's trimming leader – and based on years of research and rigorous field testing.



Learn More!
For more information, visit
bettcher.com/quantum.

Contact our Yield Specialists today for an in-plant demo and custom financial impact analysis.

Call 800-321-8763



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