

Jumpin' Jerky!

The world's most productive and powerful trimmer system delivers dramatic improvements in bottom-line performance.

► How effective is the new Quantum™ Trimmer System?

If you're talking about increased meat yields and a rapid ROI, you're talking **dramatically better performance**.

A Western U.S. maker of beef jerky products tested a new Quantum™ Q1000 Trimmer compared against a straight knife for pectoral muscle trimming. In real-time test conditions operating side-by-side with a highly experienced straight knife operator, the improvements were astonishing:

Q1000 Trimmer vs. Straight Knife

Quantities tested:	10 cases of pectorals each
Increased meat yield:	7% higher with Quantum Trimmer System
Productivity:	35% faster with Quantum Trimmer System

Faster procedures are particularly important, since this facility needs to complete a full processing cycle during USDA inspection visits.

For this plant, the decision to switch to the Quantum Trimmer System was a no-brainer:

- Significantly better yields
- Faster operation - More worker productivity
- Quick ROI
- Lowest long-term cost of operation
- Improved bottom-line performance



► We can improve your meat yields and profits, too!

Let's explore how we can help you achieve similarly strong results in your meat processing operations. Contact us today for an in-plant demonstration and custom financial impact analysis.

Beef Jerky



We've improved everything about trimming ...

The Quantum® Trimmer System:

- Makes even the toughest cuts easy
- Delivers better productivity and meat yields
- Reduces parts, maintenance and training
- Delivers the lowest long-term cost of operation

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



BETTCHER

Bettcher Industries, Inc.
Birmingham, OH USA

800-321-8763 or **quantum@bettcher.com**

bettcher.com/quantum

No More Getting Robbed!

The world's most productive and powerful trimmer system delivers dramatic improvements in bottom-line performance.

► How effective is the new Quantum™ Trimmer System?

If you're talking about increased meat yields and a rapid ROI, you're talking **dramatically better performance**.

A large, Midwest U.S. beef packing plant was "giving away" too much lean on its trim line. Because of the inability to harvest large lean pieces at high line speeds using conventional trimming equipment, 2000# 50/50 trim was actually being processed as a higher-quality 70/30 blend – but garnering the cheaper (\$0.66/lb. lower) product price.

When new Quantum™ Q1000 Trimmers were tested, their faster performance and improved accuracy delivered dramatically better results:

Improved Performance and Profits with Q1000 Trimmers

Product Upgrading: 50/50 trim combos upgraded to 70/30 quality and pricing

Revenue Gains: **\$1,320+ per day** for each 2000# combo

Productivity: **Zero** additional labor cost incurred

► Projected annual increased meat revenues per Trimmer: **\$320,000.**

► ROI/Payback: New equipment investment recouped within approximately **1 week.**

For this plant, the decision to switch to the Quantum Trimmer System was a no-brainer:

- **Significantly better yields**
- **Faster operation – more worker productivity**
- **Quick ROI**
- **Lowest long-term cost of operation**
- **Improved bottom-line performance**



► We can improve your meat yields and profits, too!

Let's explore how we can help you achieve similarly strong results in your meat processing operations. Contact us today for an in-plant demonstration and custom financial impact analysis.



BETTCHER

Bettcher Industries, Inc.
Birmingham, OH USA

800-321-8763 or **quantum@bettcher.com**

bettcher.com/quantum

Beef Trim Meat



We've improved everything about trimming ...

The Quantum® Trimmer System:

- Makes even the toughest cuts easy
- Delivers better productivity and meat yields
- Reduces parts, maintenance and training
- Delivers the lowest long-term cost of operation

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



Real Results

The world's most productive and powerful trimmer system delivers dramatic improvements in bottom-line performance.

► How effective is the new Quantum™ Trimmer System?

If you're talking about increased meat yields and a rapid ROI, you're talking **dramatically better performance.**

A large, U.S. Mid-Continent beef processing plant tested new Quantum™ trimmers on its neck bone trimming line. In real-time test conditions operating side-by-side with its existing trimmers, the results were eye-popping:

Average Meat Yield per Hour

	Existing Trimmers	Quantum Trimmers	% Increase
Test #1	81 lbs.	111 lbs.	+37%
Test #2	113 lbs.	133 lbs.	+20%
Test #3	110 lbs.	139 lbs.	+26%

- **Projected annual increased meat recovery: \$1.9 million.**
- **Projected ROI: New equipment investment recouped in just 10 days.**

For this plant, the decision to switch to the Quantum Trimmer System was a no-brainer:

- **Significantly better yields**
- **More worker productivity**
- **Quick ROI**
- **Lowest long-term cost of operation**
- **Improved bottom-line performance**



► We can improve your meat yields and profits, too!

Let's explore how we can help you achieve similarly strong results in your meat processing operations. Contact us today for an in-plant demonstration and custom financial impact analysis.

Beef Neck Bones



We've improved everything about trimming ...

The Quantum® Trimmer System:

- Makes even the toughest cuts easy
- Delivers better productivity and meat yields
- Reduces parts, maintenance and training
- Delivers the lowest long-term cost of operation

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



BETTCHER

Bettcher Industries, Inc.
Birmingham, OH USA

800-321-8763 or **quantum@bettcher.com**

bettcher.com/quantum

The Million Dollar Difference

The world's most productive and powerful trimmer system delivers dramatic improvements in bottom-line performance.

► How effective is the new Quantum™ Trimmer System?

If you're talking about increased meat yields and a rapid ROI, you're talking **dramatically better performance.**

A Midwest U.S. chicken processor tested a new Quantum™ Q620 Trimmer against results it obtained when using straight knives and conventional trimmers on its **chicken thigh deboning** line. The improvements in speed, productivity and earnings were extraordinary:

Q620 Trimmers: The Million Dollar Difference*

Hand deboning w/straight knife:	69% yield (baseline)
Whizard® Series II (conventional trimmers):	71% yield (2.0 points higher)
New Quantum® Trimmer System:	72.5% yield (additional 1.5 points higher)

► **Projected annual increased revenues at 1.5% higher yield: \$1.5 million.**

The dramatically faster speed of the Quantum motor (6,500 rpm) makes a huge difference: Faster cutting means it's easier to keep up with line speeds while still performing deboning procedures properly.

Our intelligent driveline allows for softer starts, faster stops, and quicker response to load changes ... with more torque than ever. Plus, you save 60% in energy consumption!

For this plant, the Quantum Trimmer System delivered these great benefits:

- Faster cutting with less effort
- Longer blade life, with less steeling and fewer blade changes
- More product yield ... **and a lot more dollars to the bottom line**



► We can improve your yields and profits, too!

Let us help you achieve strong results in your own operation. Contact us for an in-plant demonstration plus a custom financial impact analysis.

Chicken Thighs



We've improved everything about trimming ...

The Quantum® Trimmer System:

- Makes even the toughest cuts easy
- Delivers better productivity and meat yields
- Reduces parts, maintenance and training
- Delivers the lowest long-term cost of operation

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



BETTCHER

Bettcher Industries, Inc.
Birmingham, OH USA

800-321-8763 or quantum@bettcher.com

bettcher.com/quantum

*Test data on file.

©2013 Bettcher Industries, Inc. All rights reserved.
M1042 Quantum Chicken Thighs