

Whizard® Trimmer Motors from Bettcher

A powerful motor lineup for your trimmers.

In the drive to boost trimming productivity, Bettcher motors give you the most power and performance available anywhere.

► Quantum Motor™

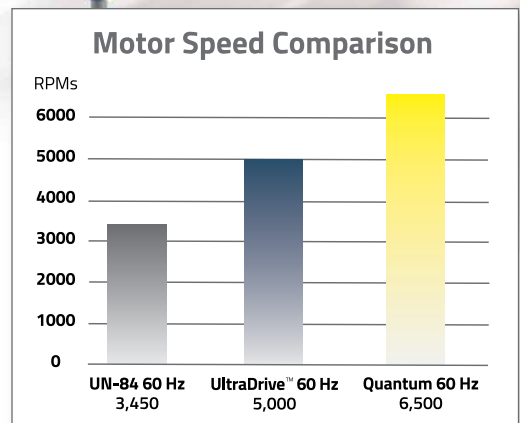
Our newest-generation motor gives you smooth, effortless operation for all meat, poultry and seafood trimming procedures – different cuts and all – with adaptive controls that automatically increase torque under load while dramatically reducing vibration.

- At **6,500 rpm** output, more productive power makes all cut/trim procedures much easier
- Advanced torque control adjusts the torque load applied to the trimmer for smoothest operation and consistent cutting power
- More operator control and safety than ever
- “Soft start” and “quick stop” rotating blades, along with dropout protection
- Conserves up to 60% in energy usage
- Ultra-durable, water-resistant design

► UltraDrive® Motor

Gain the advantages of power and productivity along with a host of safety features.

- **5,000 rpm** output enables fast, efficient cutting
- Constant torque level – even under load
- User-friendly features include operator-activated power shutoff plus restart prevention while the trimmer is on its hanger
- Mechanical drive system simplifies maintenance
- Durable, water-resistant design



► UN-84 Motor

This time-tested model has been a meat industry workhorse for more than 30 years. It provides good, basic performance sufficient for selective meat trimming applications.

- Universal drive motor delivers **3,450 rpm** output
- Meets all basic safety and ergonomic requirements
- Durable, water-resistant design



Trimmer Motors from Bettcher – Technical Information

Quantum Motor™

For Trimmer Models ...
Flex and Quantum

Power Requirements

Model 189001

115 VAC / 1 Phase / 60 Hz
8 full load amps

Model 189002

230 VAC / 1 Phase / 50 Hz
4 full load amps

Motor Speed

6,500 rpm

Weight

14.64 lbs. (6.64 kg)

Overall Size

7-¹³/₁₆" width x 11-¹/₄" depth x 16-¹³/₁₆" length
(19.8 cm x 28.6 cm x 42.7 cm)



UltraDrive® Motor

For Trimmer Models ...
Flex and Series II

Power Requirements

Model 173271

115 VAC / 1 Phase / 60 Hz
5.2 full load amps

Model 173272

230 VAC / 1 Phase / 50-60 Hz
2.5 full load amps

Motor Speed

5,000 rpm

Weight

35 lbs. (15.8 kg)

Overall Size

12" width x 9-¹/₄" depth x 22-¹/₂" length
(30.5 cm x 23.5 cm x 57.2 cm)



UN-84 Motor

For Trimmer Models ...
Flex and Series II

Power Requirements

Model 163023

115 VAC / 1 Phase / 60 Hz
6 full load amps

Model 163554

230 VAC / 1 Phase / 50 Hz
3 full load amps

Motor Speed

3,450 rpm

Weight

24 lbs. (10.9 kg)

Overall Size

11" width x 7-¹/₂" depth x 22" length
(27.9 cm x 19.1 cm x 55.9 cm)



Brushless DC Motor: Small size, reduced weight, plus increased reliability with less maintenance and extended life expectancy.

6,500 rpm Motor Speed: Delivers superior cutting performance – blades feel sharper longer, enabling more productivity with less steeling.

Advanced Torque Control: Allows the Quantum Motor to adjust to torque load applied to the trimmer for smooth operation, improved flexshaft life and consistent cutting power.

Embedded Safety Circuitry: Shuts down instantly when dangerous torque levels are reached, preventing lockup situations ... also prevents unintended trimmer startups.

Note: Motors have been independently tested and comply with Low Voltage Directive 73/23/EED and EMC 89/336/EED which includes conformity with the following standards: EN 50081-1; EN 50082-1; EN 60335-1; IEC 801; IEC 335-1. In addition, motors conform with American standards USDA, ANSI 3.34 and UL 763.

Take the Next Step

Visit bettcher.com/trimmers or call **800-321-8763** to learn more about the powerful lineup of motors from Bettcher and how they optimize trimming efficiency, productivity and profitability in meat, poultry and seafood processing operations.



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