

Shown without
guards for clarity.



AMP 3K/40 and AMP 5K/40 Terminators

Fast Facts

- 3,000 lb [1361 kg] max. crimp force (AMP-3K/40); 5,000 lb [2268 kg] max. crimp force (AMP-5K/40)
- Tool-less removal of applicators and guards for quick and simple maintenance and product change over
- Jog capability
- Quiet and fast operation — 80/76 dBa and cycle time less than 0.400 seconds
- Accepts Heavy Duty Mini style applicators
- Wide range of optional equipment such as tool-less precision crimp height adjust, batch counter, CQM capability and work light
- Universal electrical input — 100-240 VAC, 50/60 Hz
- Cannot be operated during normal production with guards open
- Produced under an ISO 9001 Certified Quality System

Technical Documents Customer Manuals

409-10047

Based upon the field proven AMP-O-LECTRIC Model "G" Terminator, the AMP 3K/40 and AMP 5K/40 are the latest in the series of machines for terminating wire using reeled terminals and contacts. As a value oriented terminator, the AMP 3K/40 and AMP 5K/40 are designed for customers that require the increased output and quality of a semiautomatic machine at a competitive price. By incorporating the most commonly requested features as standard and offering a long list of optional equipment, these terminators offer flexibility to meet the specific needs of various applications at the lowest possible cost.

The AMP 3K/40 and AMP 5K/40 use a DC motor with gearbox drive. The result is a small-footprint design that is fast and quiet. Cycle time less than 0.400 seconds with an operation sound level of 76 dBa (AMP-3K/40) or 80 dBa (AMP 5K/40).

The AMP 3K/40 and AMP 5K/40 were designed with speed, convenience, and ease of use in mind. The design accepts all Heavy Duty Mini style applicators.

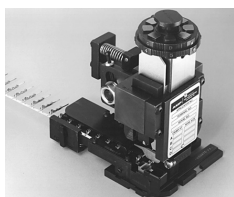
A wide range of optional equipment is also available to meet your specific application requirements. By offering features such as tool-less precision crimp height adjust, CQM capability, batch counter and a work light as options, the AMP 3K/40 and AMP 5K/40 can be tailored to the specific application requirements without inflating the price for unwanted features.

With a crimp force capacity of 3,000 pounds, the AMP 3K/40 is capable of crimping 32-14 AWG wire size. The AMP 5K/40 and its 5,000 pound crimp force is capable of crimping 32-10 AWG wire.

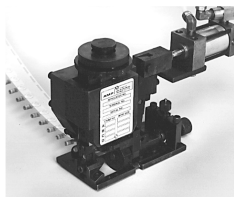
The AMP 3K/40 and AMP 5K/40 accept all Heavy-Duty Mini-Style Applicators.



dial-in settings for different wire sizes and insulation diameters. Mechanical or air-powered feed systems, depending on the product applied.



barrel contacts). All side-feed applicators include a wire stop to help correctly position the wire end in the crimping target area.



feed mechanism is air-powered.

Interchangeable applicators for crimping products reeled end-to-end (primarily open-barrel terminals). Most designs can be used, or adapted for use with minor tooling changes,

Interchangeable applicators for crimping products reeled side-by-side on single or dual carrier strips (primarily closed-barrel terminals and open-barrel terminals and open-

Miniature-style applicators that accept interchangeable die sets for crimping a variety of tape-mounted terminals and splices, including PIDG, PLASTI-GRIP and SOLISTRAND. The



Tyco Electronics

Our commitment. Your advantage.

AMP 3K/40 and AMP 5K/40 Terminators

Specifications and Dimensions

Capacity: AMP 3K/40 — 3,000 lb [1361 kg] max. crimp force
AMP 5K/40 — 5,000 lb [2268 kg] max. crimp force

Noise: 76 dBA maximum at 3,000 lb [1361 kg] full capacity
80 dBA maximum at 5,000 lb [2268 kg] full capacity

Weight: Approx. 150 lb [68 kg]

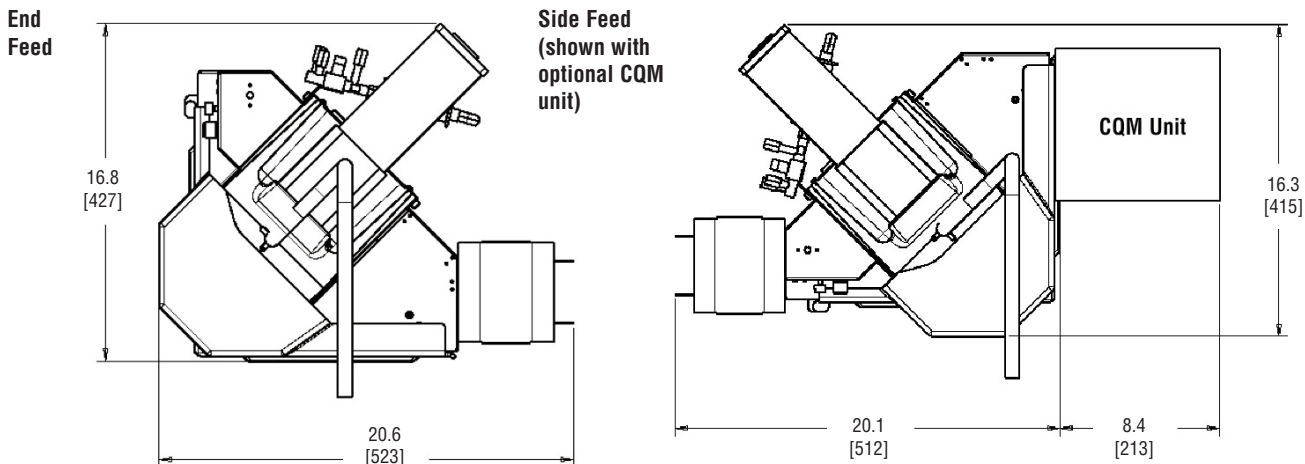
Height: 20" [510] (without reel support)

Electrical: 100-240 VAC, 50/60 Hz (3AMP)

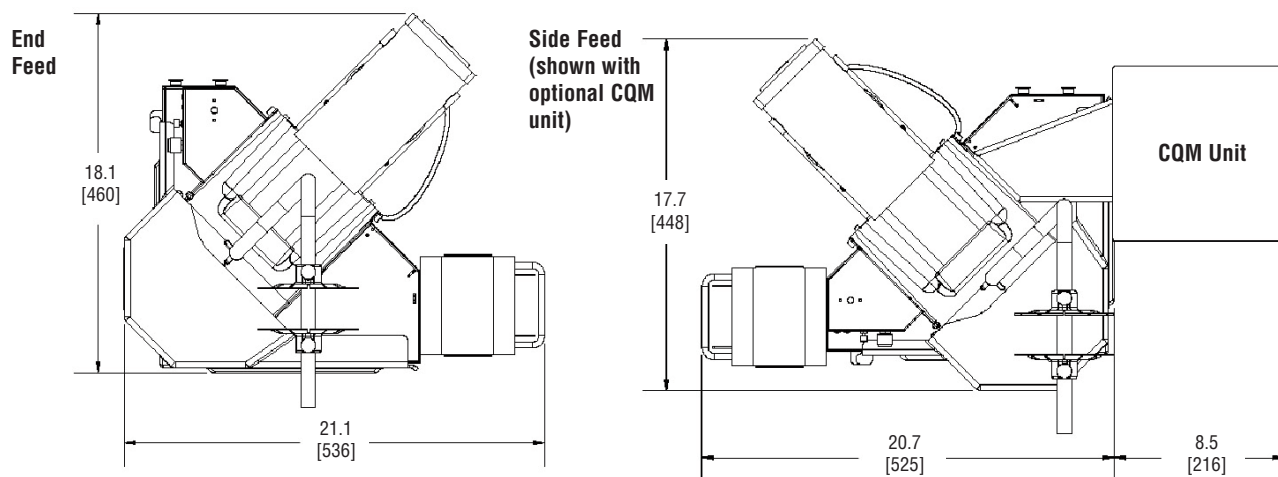
- Average <1 A at 120 VAC when used as a bench-top unit at 2 000 cycles per hour operating rate

Air: 90-100 psi [6.21-6.90 bar], 6 scfm [0.00282 m³/s]
(when required for use with air-feed applicators)
Note: Optional Air Feed Valve Assembly required (see below).

AMP 3K/40 Terminator



AMP 5K/40 Terminator



Termination Unit	AMP 3K/40	AMP 5K/40
1 ⁵ / ₈ " [40 mm] stroke	1725950-1	1725900-1
1 ⁵ / ₈ " [40 mm] stroke with Tool-less Precision Crimp Adjust	1725950-2	1725900-2
1 ⁵ / ₈ " [40 mm] stroke with Tool-less Precision Crimp Adjust, CQM Sensors*	1725950-7	1725900-7
1 ⁵ / ₈ " [40 mm] stroke, CE	1725950-6	1725900-6
1 ⁵ / ₈ " [40 mm] stroke, CE, CQM Sensors*	1725950-9	1725900-9
Optional Features		
Field Retrofit Tool-less Precision Crimp Adjust Kit	1424208-1	1424208-1
Batch Counter	1424267-1	1424267-1
Air Feed Valve Assembly — 1 ⁵ / ₈ " [40 mm] stroke	1424266-1	1424266-1
Work Light	1424264-1	1424264-1
Terminal Lubricator Assembly	354550-3	354550-3
CQM Adapter Kit and Sensors*	1424265-1	1424265-1

*Does not include CQM Monitor, P/N 1320420-2 and Cables 1320431-4