

Specifications and Ordering Information

Machines

Parameter	Semiautomatic Pneumatic Wire Stripper Part Number 1214315-1	Semiautomatic Electric Wire Stripper Part Number 1338083-1	Automatic Cut and Strip Machine Part Number 1214316-1
Wire Range	32-14 AWG [0.05-1.65 mm ²] Stranded or Solid	10-32 AWG [0.03-5.26 mm ²] Stranded or Solid	32-10 AWG [0.05-6 mm ²] Stranded; 32-16 AWG [0.05-1.5 mm ²] Solid
Insulation/Jacket OD	.13 [3.2] Max.	.28 [7] max.	24 [6.0] Max.
Flat Cable Width	NA	NA	35 [9.0] Max.
Wire Lengths	NA	NA	1.77 [45] - 3 280 ft [1 000 m] Standard Mode; .04-1.77 [1.0-45] Short Mode (Requires Kit 1320039-1)
Strip Lengths	.06-.75 [1.5-20]	.08-1.00 [1.5-25]	1.77 [45] Leading End (max.); 3.93 [100] Trailing End (max.)
Insulation Types*	PVC, Kynar®, Tefzel®, etc.	PVC, Kynar®, Tefzel® etc.	PVC, Kynar, Tefzel, etc.
Blade Types	Universal V-Type (specials available)	Universal V-Type (specials available)	Universal V-Type (specials available)
Electrical	NA	100-240 VAC, 47-53 Hz	120 VAC, 60 Hz, 160 VA
Air	75-105 psi [5.17-7.24 bar], .01 ft ³ [0.00028 m ³]/ Operation	NA	NA
Dimensions	2.75 [70] W x 10.4 [265] D x 5.32 [135] H	2.75 [70] W x 12.5 [318] D x 5.32 [135] H	14.6 [370] W x 16.1 [410] D x 10.8 [275] H
Weight	4.4 lb [2 kg]	5.7 lb [2.6 kg]	48.6 lb [23 kg]
Insulation Pull Off	.75 [19] max.	.75 [19] max.	same as strip lengths

Accessories (for Automatic Cut and Strip Machine)

Floor-Standing Wire Prefeeder Part Number 1214317-1

Prefeeder for use with the AMPOMATOR CLS IV+ Lead-Making Machine**, as well as the Automatic Cut and Strip Machine. It can feed wire from either reels or barrels. Three different ranges of feed rates can be easily selected to match the speed of the equipment being fed. For larger reels, optional reel mounting shafts, a reel holder frame extension kit, and a reel-braking system are available.

Specifications

Wire Insulation OD — .35 [9] Max.
Reel Width — 12 [305] Max. standard;
16 [405] Max. with 20 [510] shaft;
18 [455] Max. with 22 [560] shaft,
extension kit and braking system

Prefeeder Options

Description	Part Number
Reel Mounting Shaft, 20 [510]	1214860-3
Reel Mounting Shaft, 22 [560]	1214860-1
Frame Extension Kit	1214992-1
Reel Braking System	1214980-1

Reel Diameter — 20 [510] Max. standard; 48 [1 220] Max. with extension kit and braking system

Reel Core Diameter — .75-2.5 [19-65]

Reel Weight — 100 lb [45 kg] Max.

Feed Rates — .13-4.7 ft/s [0.04-1.44 m/s]; .20-5.6 ft/s [0.06-1.72 m/s]; .40-6.9 ft/s [0.12-2.10 m/s]

Speed Rate — 0-6.9 ft/sec (0-2 m/sec)

Width — 24 [610] standard; 36 [915] with frame extension

Depth — 21 [535]

Height — 46 [1 170] with guide arm fully extended

Weight — 125 lb [57 kg]

Electrical — 120 VAC, 60 Hz, 300 VA

Wire Stacker Part Number 1214318-1

Air-operated, fully-automatic system for neatly stacking wire lengths up to 10 ft [3 m]. Each wire is collected from the cut and strip machine in a slotted tube. The tube then rotates when signaled by the cut and strip machine, and drops the wire through the slot onto the tray.

Specifications

Wire Range — 22 AWG [0.3 mm²] Min. typical, depending on straightness and column strength

Wire Lengths — 10 ft [3 m] Max.

(Longer lengths can extend over the end of the tray)

Wire Collection Tube Height —

Adjustable from 24 to 42 [600 to 1 060]

Width — 18.5 [470]

Depth — 120 [3 000]

Height — 46 [1 170]

Weight — 120 lb [55 kg]

Air — 70-90 psi [4.83-6.21 bar],

1 scfm [0.0005 m³/s]

Replacement Parts

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Printed on recycled paper.

Description	Replacement Part Numbers		
	for Semiautomatic Pneumatic Wire Stripper	for Semiautomatic Electric Wire Stripper	for Automatic Cut and Strip Machine
Replacement Stripping Blades***			
Standard Set of 2 Blades	1214708-1	NA	1320024-1
Optional Set of 2 Carbide Blades	1214710-1	NA	1320025-1
Brake	1214770-1	1338225-1	NA

* Wire evaluations are available upon request. Contact your AMP Sales Representative for more information.

** May need to reduce speed of CLS IV+ depending on the length of the leads being produced.

*** Special blades available, contact AMP

Tyco Electronics Corporation, Harrisburg, PA 17105; Phone: 717-564-0100; TSC fax: 717-985-3316