



THB Terminal Applicators

Applications

The YJM-S300A and YJM-E300A applicators are designed to be used in both bench mounted and fully automatic machines. They feature independent adjustment of both the conductor and insulation crimp heights over a 2mm range in .02mm increments. The applicators have a corrosion resistant plating and all replacement parts are clearly laser engraved for easy identification.

Applicator Standard Features

- Fully compatible with most common presses and automatic wire processing machines
- Independently adjustable conductor and insulation dials allow for independent precision crimp height adjustment of both the conductor and insulation crimp heights
- 30mm and 40mm stroke press operation
- Cams included for both bench operation (Prefeed-feed on upstroke) and fully automatic operation (Postfeed-feed on downstroke)
- Quick change compatible
- Heavy duty base plate for increased rigidity
- Fully adjustable mechanical terminal feeding system for increased flexibility
- Split anvil design reduces replacement tooling costs

Applicator Optional Features

- Integrated cycle counter for scheduling maintenance and tracking tooling life
- Cut-off tools for use with auxiliary terminal cut-off devices
- Disc style adjustors for use with Amp K-Press (these replace the standard adjustors)



Technical Specifications

Description		YJM-S300A Side Feed	YJM-E300A End Feed
Feeding Method		Mechanical	Mechanical
Crimping Height		135.8mm (5.346")	135.8mm (5.346")
Press Stroke		30 or 40mm (1.18" or 1.58)	30 or 40mm (1.18" or 1.58)
Wire Range		0.8 - 6.0mm ² (AWG 28 - 10)	0.8 - 6.0mm ² (AWG 28 - 10)
Max Terminal Feed Pitch		27mm (1.063")	27mm (1.063")
Max Terminal Thickness		1.2mm (.047")	1.2mm (.047")
Conductor-Crimp	Range	2.0mm (.079")	2.0mm (.079")
	Height Increments	.02mm (.0008")	.02mm (.0008")
Insulation-Crimp	Range	2.0mm (.079")	2.0mm (.079")
	Height Increments	.02mm (.0008")	.02mm (.0008")
Terminal Strip Brake Pressure		Fixed	Adjustable
Dimensions	Width	160mm (6.3")	70mm (2.8")
	Depth	110mm (4.3")	195mm (7.7")
	Height	155mm (6.1")	155mm (6.1")
Weight		4kg	4kg
Base Plate Design		Standard 3-Point Quick Change	Standard 3-Point Quick Change



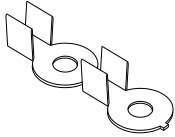
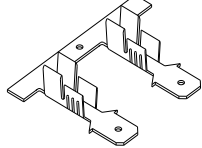
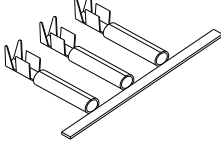
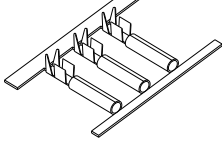

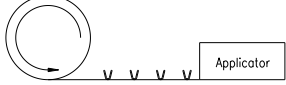


New Applicator Quotation & Order Form

Mechtrix Corporation • W147 N9461 Held Drive • Menomonee Falls, WI 53051
 (P) 262-255-6555 • (F) 262-255-2628 • sales@mechtrix.com

Customer Information

Company Name:	Contact Name:
Phone Number:	E-mail:

Terminal Information

Terminal Mfg:	Is the terminal inserted into a housing? <input type="checkbox"/> No <input type="checkbox"/> Yes, P/N	Seal or grommet to be applied? <input type="checkbox"/> No <input type="checkbox"/> Yes, P/N
Terminal P/N:		
Customer P/N:		
<input type="checkbox"/> End Feed 	<input type="checkbox"/> Side Feed-Front 	<input type="checkbox"/> SF-Rear 
<input type="checkbox"/> SF-Front and Rear 	<input type="checkbox"/> SF-Center 	<input type="checkbox"/> Other (Specify)
Terminal Feeding Direction (with operator facing the press) <input type="checkbox"/> Rear (End-to-end)  <input type="checkbox"/> Left-to-right	Terminal Crimp Barrel Style: <input type="checkbox"/> Open  <input type="checkbox"/> Closed 	

Crimping Specifications

Wire Gage(s)	Insulation Diameter	Conductor Crimp Height	Conductor Crimp Width	Insulation Crimp Height	Insulation Crimp Width	Pull Test (minimum)

Number of wires crimped into terminal Single Double Cross Section Analysis Required Yes No

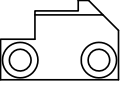



Samples Required to Design, Manufacture, Test and Qualify the Applicator

<input type="checkbox"/> Terminals (minimum of 2m in strip form)	Notes or Special Requests:
<input type="checkbox"/> Wire (50 pcs. of each stripped both ends)	
<input type="checkbox"/> Seals (25 pcs. of each)	
<input type="checkbox"/> Housings (2 pcs. of each)	

Crimping Press Information

Crimping Press Mfg:	Crimping Press Stroke: <input type="checkbox"/> 30mm <input type="checkbox"/> 40mm
Crimping Press Model:	Application: <input type="checkbox"/> Automatic <input type="checkbox"/> Bench
<input type="checkbox"/> Amp K-Press SF requires special base plate & Continuous Crimp Dials	<input type="checkbox"/> Stripper/Crimper

Applicator Information

Applicator Type: <input type="checkbox"/> Mechanical Feed <input type="checkbox"/> Air Feed	Feed Cam Configuration: <input type="checkbox"/> Pre-Feed (Bench-top Machine) <input type="checkbox"/> Post-Feed (Automatic Machine)
Cycle Counter Required <input type="checkbox"/> Yes	
Terminal Carrier Strip Cut-off Configuration: <input type="checkbox"/> Carrier Strip Cut-off Inside Applicator  <input type="checkbox"/> None-Carrier Strip Cut-off by External Device 	Applicator Adjustment Style: <input type="checkbox"/> Standard Wedge Style  <input type="checkbox"/> Continuous Crimp Dial 

Mechtrix Internal Use Only	
Date Customer P.O. Received:	Mechtrix Applicator Number:
Date Customer Samples Received:	Mechtrix P.O. Number:
Date Production Order Sent:	Mechtrix Quote Number: