

## FEATURES AND SPECIFICATIONS



# Flat Flexible Cable and IDT Ribbon Cable Hawk Machine

The Molex Hawk termination machine is designed for use with two different Molex product lines with only a minor tooling change. This machine will assemble 2.54mm (.100") Pitch SL™ Flat Flexible Cable connectors to Flat Flexible Cable, Flexible Printed Circuitry and membrane switch tails, along with 2.54mm (.100") Pitch SL IDT ribbon cable assemblies with a production rate of up to 750 per hour, depending on the operator's skill. This machine has the ability to produce 950 assemblies per hour with the addition of a magazine tube loader, (contact Molex for more information on this option). The Hawk will handle 2 to 25 circuits, (circuit size of 2 must be and circuit size of 3 should be processed in chains of 2 or more to avoid feed jams), and has the option of a carrier breakoff for both product lines. This machine is designed for mid-volume, semi-automatic applications with cable lengths greater than 1".

### Features and Benefits

- Can be used with flat flexible cable or pre-notched ribbon cable. This allows for production flexibility and lowers overall cost.
- Automatic loading of connectors from tube packaging, which will reduce operator handling and increase production output.
- Operator interface keypad for data entry, such as setting batch size or displaying an operator fault message, to help ensure proper operation.
- Automatic carrier strip breakoff available, which can be factory ordered or field installed and will reduce operator's handling of product.
- Meets OSHA safety requirements and is totally enclosed for operator safety.
- Available in 220 volts and has been CE certified for use in Europe

### Electrical

Voltage: 110/220 VAC, 50/60 Hz, 1.0A  
Foot switch activated

### Mechanical

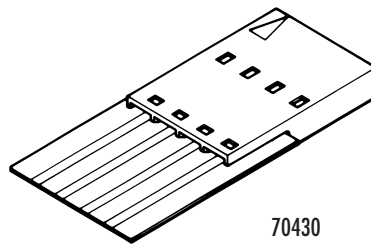
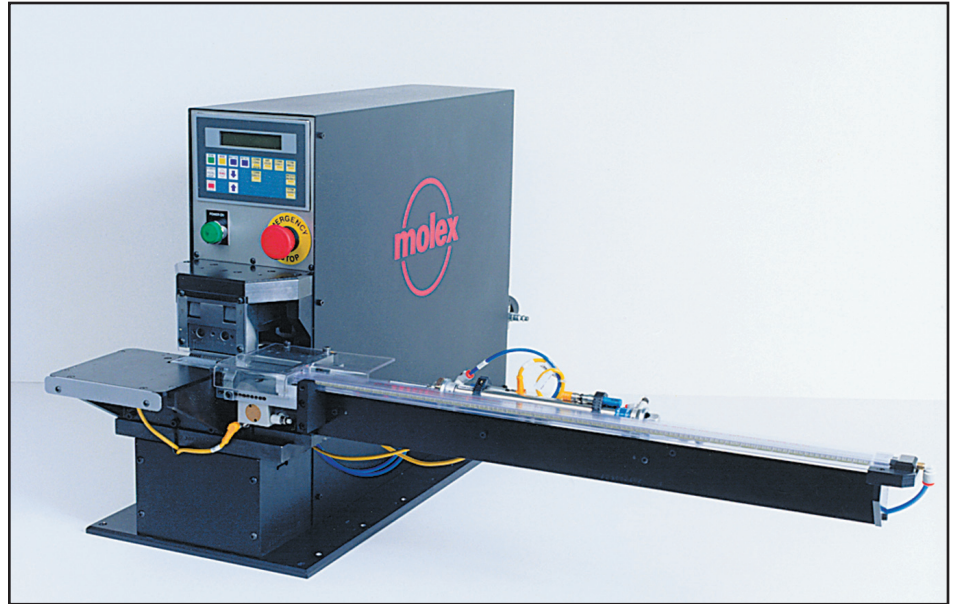
Dimensions: Height—494.00mm (19.50") (without feet)  
Width—945.00mm (37.25")  
Depth—914.00mm (36.00")

Weight: Unpacked—48.10 kg (103 lbs.)

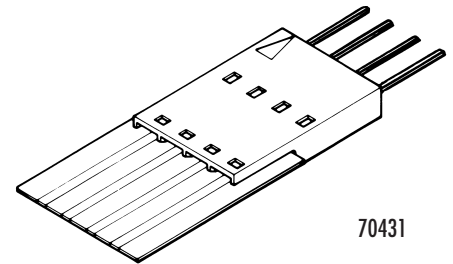
Pneumatics: Pressure—5 BAR (80 psig) min.

Consumption—14L/min. (.5 SCFM)

Processing Capability: 750 connectors per hour, depending on operator's skill. Up to 950 connectors per hour with special order magazine tube loader. Consult factory for more information.

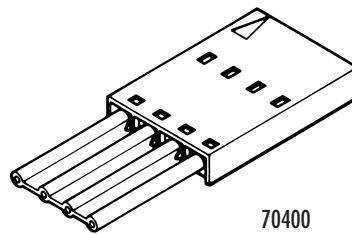


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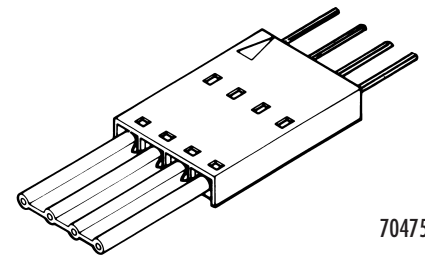


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Ribbon Cable



70400



70475

## ORDERING INFORMATION

Order No.	Description	For Use With	Voltage/Hz
62300-2900	FFC Terminator	70430, 70431, 40556	110/220V AC 50/60 Hz
62300-3000	Ribbon Cable Terminator	70400, 70475	110/220V AC 50/60 Hz
62300-5200	FFC Terminator with Breakoff	70430, 70431, 40556	110/220V AC 50/60 Hz
62300-5300	Ribbon Cable Terminator with Breakoff	70400, 70475	110/220V AC 50/60 Hz
62300-5100	FFC Tooling Required for Changeover from Ribbon Cable	70430, 70431, 40556	110/220V AC 50/60 Hz
62300-5000	Ribbon Cable Tooling Required for Changeover from FFC	70400, 70475	110/220V AC 50/60 Hz

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