

ORDERING INFORMATION

Preferred Version in the US



Application Tooling Crimp Tooling for Micro Connectors

Crimp Tooling Molex US

Presses	
Description	Order No.
TM-44 Press without Mini-Mac (220V)	11-09-2074
TM-42 Press without Dies (110V)	69002-5001
TM-144 Press and Stripper without Mini-Mac (220V)	11-09-2073
TM-7 Press without Mini-Mac (110V)	11-05-0043
TM-7 Press without Mini-Mac (220V)	11-05-0046

Terminal Series	Order No.							Wire Gauge AWG (mm ²)	Insulation Diameter
	Hand Crimper	Extraction Tool	Terminator Die	Terminator Die Spare Tooling	FineAdjust Applicator	FineAdjust Spare Tooling	TM-80		
5378T/12	57050-5000		11-40-2149	11-40-3143	63821-5100	63821-5170		24-28 (0.20-0.08)	1.52 (.060) max.
50011	63811-0800	57105-6000	11-40-2136	11-40-3132	63820-7100	63820-7170		24-30 (0.20-0.05)	1.40 (.055) max.
50012/50013	57046-5000		63841-5000	63841-5070	63821-5000	63821-5070		24-28 (0.20-0.08)	1.15 (.045) max.
50031	57075-5000	57105-6000			63820-7200	63820-7270		30-34 (0.05-0.02)	0.90 (.035) max.
50034	57056-5000	57057-6000	11-40-2156	11-40-3151	63820-7400	63820-7470		26-30 (0.12-0.05)	1.40 (.055) max.
50058	63811-0200	57072-6000	11-40-2245	11-40-3248	63820-7000	63820-7070	11-09-2064	28-32 (0.08-0.03)	1.00 (.040) max.
50061	63811-0200	57072-6000	11-40-2280	11-40-3281	63820-7600	63820-7670		28-32 (0.08-0.03)	1.00 (.040) max.
50079	63811-0300	57072-6000	11-40-2245	11-40-3248	63820-7000	63820-7070		26-28 (0.12-0.08)	1.00 (.040) max.
50080	63811-0300	57072-6000	11-40-2280	11-40-3281	63820-7600	63820-7670		26-28 (0.12-0.08)	1.00 (.040) max.
50125	63811-0300	57072-6000	11-40-2244	11-40-3247	63820-7700	63820-7770		26-28 (0.12-0.08)	1.00 (.040) max.
50133	63811-0200	57072-6000	11-40-2244	11-40-3247	63820-7700	63820-7700		28-32 (0.08-0.03)	1.00 (.040) max.
50212	57176-5000	57105-6000	11-20-2255	11-40-3259	63820-7500	63820-7570		24-30 (0.20-0.05)	1.40 (.055) max.
50372	57175-5000	57321-6000	11-40-2284	11-40-3290	63821-8000	63821-8070		22-26 (0.35-0.12)	0.93-1.35 (.053-.037) max.
50394	11-01-0204	11-26-7074	11-40-2278	11-40-3279	63820-7500	63820-7570		24-30 (0.20-0.05)	0.80-1.40 (.031-.055) max.
50516					63820-7000	63820-7070		28-32 (0.08-0.03)	1.00 (.040) max.

Micro Connectors

ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Crimp Tooling Molex Europe

Terminal Series No.	Order No.							Wire Gauge AWG (mm ²)	Insulation Diameter
	Hand Crimper	Extraction Tool	Insertion Tool	Mini-Mac	Mini-Mac Spare Tooling	TM-144 [†]	TM-80		
5378T/12				69037-1050	69037-2050			24-28 (0.20-0.08)	1.52 (.060) max.
50011				69037-1072	69037-2072			24-30 (0.20-0.05)	1.40 (.055) max.
50012/50013				69037-1078	69037-2078			24-28 (0.20-0.08)	1.15 (.045) max.
50058				69037-1091	69037-2091			28-32 (0.08-0.03)	1.00 (.040) max.
50079				69037-1185	69037-2185			26-28 (0.12-0.08)	1.00 (.040) max.
50125				69037-1186	69037-2186			26-28 (0.12-0.08)	1.00 (.040) max.
50212				69037-1098	60397-2098			24-30 (0.20-0.05)	1.40 (.055) max.
50394	69008-0959			69037-1163	69037-2163			24-30 (0.20-0.05)	0.80-1.40 (.031-.055) max.

ORDERING INFORMATION

Preferred Version for Molex Japan—Not Available in the US

Crimp Tooling Molex Japan

Presses	
Description	Order No.
Press for Modular Crimp Die	M15A
Mini-Press for Modular Crimp Die	57177-4000

Terminal Series No.	Order No.				Wire Gauge AWG (mm ²)	Insulation Diameter
	Hand Crimper	Extraction Tool	Insertion Tool	Modular Crimp Die		
5378T/12	57050-5000			57007-3000	24-28 (0.20-0.08)	1.52 (.060) max.
50011	57032-5000	57105-6000		57030-3000	24-30 (0.20-0.05)	1.40 (.055) max.
50012/50013	57046-5000			57045-3000	24-28 (0.20-0.08)	1.15 (.045) max.
50031	57075-5000	57105-6000		57047-3000	30-34 (0.05-0.02)	0.90 (.035) max.
50034	57056-5000	57057-6000		57055-3000	26-30 (0.12-0.05)	1.40 (.055) max.
50058	57068-5000	57072-6000		57067-3000	28-32 (0.08-0.03)	1.00 (.040) max.
50061	57070-5000	57072-6000		57069-3000	28-32 (0.08-0.03)	1.00 (.040) max.
50079	57177-5000	57072-6000		57067-3000	26-28 (0.12-0.08)	1.00 (.040) max.
50080		57072-6000		57069-3000	26-28 (0.12-0.08)	1.00 (.040) max.
50125	57140-5000	57072-6000		57138-3000	26-28 (0.12-0.08)	1.00 (.040) max.
50133	57139-5000	57072-6000		57138-3000	28-32 (0.08-0.03)	1.00 (.040) max.
50212	57176-5000	57105-6000		57175-3000	24-30 (0.20-0.05)	1.40 (.055) max.
50372	57175-5000	57321-6000		57175-3000	22-26 (0.35-0.12)	0.93-1.35 (.053-.037) max.
50394		55800-0008		57315-3000	24-30 (0.20-0.05)	0.80-1.40 (.031-.055) max.

* For use with TM-40, TM-42 or Base Unit

† Includes Mini-Mac

See Application Tooling Section "W" for additional information on these tools

FEATURES AND SPECIFICATIONS

Features

- Lightweight
- Programmable
- After one end is terminated, machine automatically indicates what circuit other end should be placed in
- Automatically cuts off ends once inserted into nest.

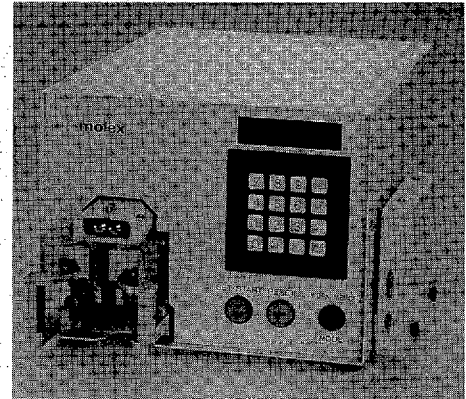
Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg (35.2 lb)

molex® 1.27mm I/O Cable Selector

ORDERING INFORMATION

Description	Order No.	For Connector Series
1.27mm Cable Selector	57847-7000	52316



FEATURES AND SPECIFICATIONS

Features

- Modular
- Portable
- Terminates all wire ends in one cycle

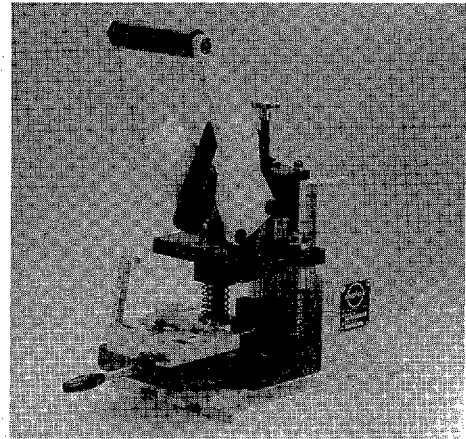
Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg (35.2 lb)

1.27mm I/O Cable Wire Terminator

ORDERING INFORMATION

Description	Order No.	For Connector Series
1.27mm Cable Wire Terminator for 20 Circuit	57827-5000	52316
1.27mm Cable Wire Terminator for 26 Circuit	57838-5000	52316
1.27mm Cable Wire Terminator for 36 Circuit	57844-5000	52316
1.27mm Cable Wire Terminator for 50 Circuit	57863-5000	52316
1.27mm Cable Wire Terminator for 80 Circuit	57857-5000	52316



FEATURES AND SPECIFICATIONS

Features

- Modular
- Portable

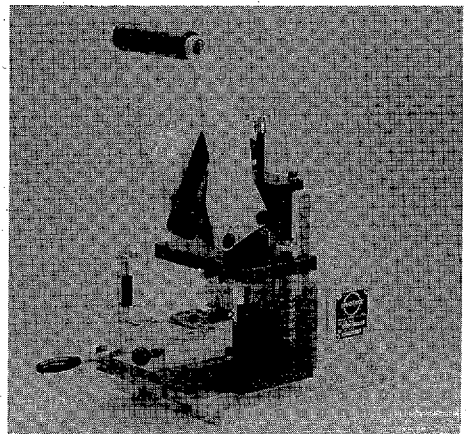
Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg (35.2 lb)

1.27mm I/O Cable

ORDERING INFORMATION

Description	Order No.	For Shell Body Series
1.27mm Cable Wire Shell Crimping Press for 20 Circuit	57828-5000	52316
1.27mm Cable Wire Shell Crimping Press for 26 Circuit	57839-5000	52316
1.27mm Cable Wire Shell Crimping Press for 36 Circuit	57845-5000	52316
1.27mm Cable Wire Shell Crimping Press for 50 Circuit	57864-5000	52316
1.27mm Cable Wire Shell Crimping Press for 80 Circuit	57858-5000	52316



molex® 1.00mm I/O Cable Selector

FEATURES AND SPECIFICATIONS

Features

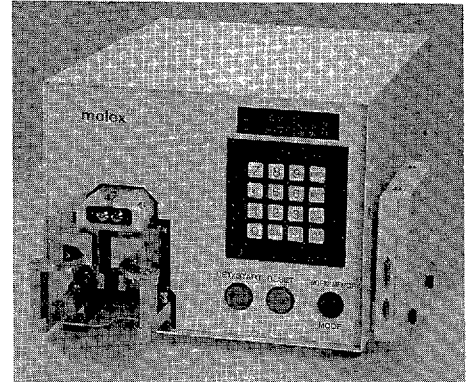
- Lightweight
- Programmable
- After one end is terminated, machine automatically indicates what circuit other end should be placed in
- Automatically cuts off ends once inserted into nest

Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg
Electrical: 110V, 60Hz or 220V, 50Hz

ORDERING INFORMATION

Description	Order No.	For Connector Series
1.00mm Cable Selector	57846-7000	52660



FEATURES AND SPECIFICATIONS

Features

- Modular
- Portable
- Terminates all wire ends in one cycle

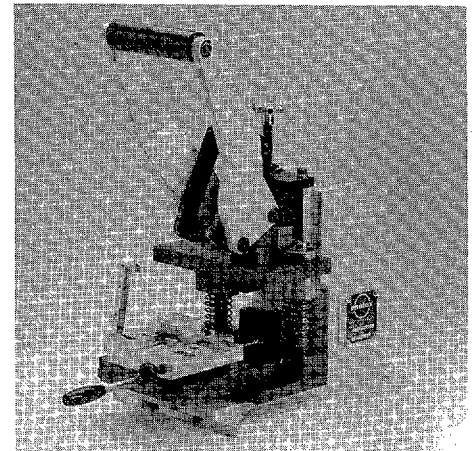
Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg (35.2 lb)

1.00mm I/O Cable Wire Terminator

ORDERING INFORMATION

Description	Order No.	For Connector Series
1.00mm Cable Wire Terminator for 10 Circuit	57860-5000	52660
1.00mm Cable Wire Terminator for 26 Circuit	57850-5000	52660



FEATURES AND SPECIFICATIONS

Features

- Modular
- Portable

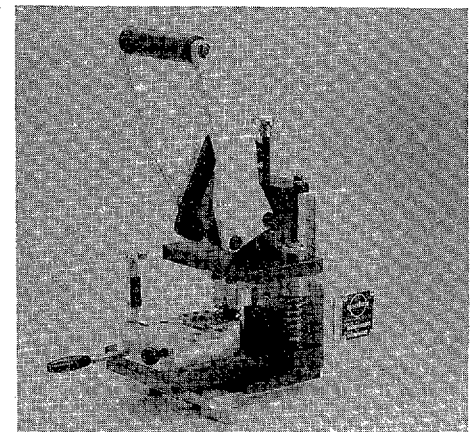
Specifications

Size: Width—180mm (7.09")
Depth—350mm (13.78")
Height—440mm (17.32")
Weight: 16kg (35.2 lb)

1.00mm I/O Cable Shell Crimping Press

ORDERING INFORMATION

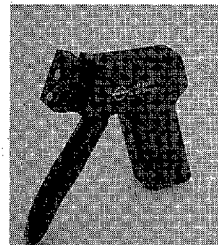
Description	Order No.	For Shell Body Series
1.00mm Cable Wire Shell Crimping Press for 10 Circuit	57861-5000	52661
1.00mm Cable Wire Shell Crimping Press for 26 Circuit	57851-5000	52661



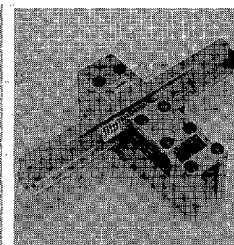


Application Tooling IDT Termination Tooling for 30452 Series Connectors

Termination Hand Tool for Discrete Wire



Pistol



Module

FEATURES

- For low volume, prototype and repair
- Automatic indexing to next position after insertion of discrete wire

ORDERING INFORMATION

Description	Order No.	Connectors
Pistol	11-21-5194	
Module	11-39-0273	30452

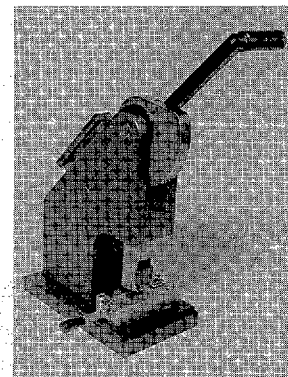
FEATURES

- For prototype and low volume requirements
- Manual index to next position after termination

ORDERING INFORMATION

Description	Order No.	Connector
Press and Tooling	11-20-1298	30452
Tool Kit Only	11-39-0111	30452

Discrete Wire Manual Press



FEATURES

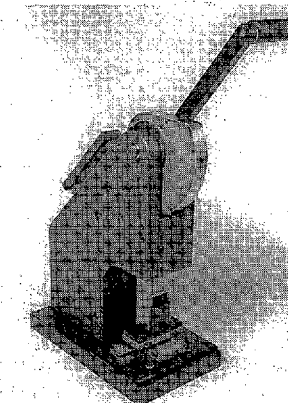
- For prototype and low volume requirements
- Mass termination of prepared cable to connector

ORDERING INFORMATION

Description	Order No.	Connector
Press and Tooling	11-20-1327	30452
Tool Kit Only	11-39-0274	30452

See Application Tooling Section "W" for additional information on these tools

Ribbon Cable Manual Press Terminator



FEATURES AND SPECIFICATIONS

Features

- Assembles either discrete wire or ribbon cable
- Connector packaged in "Ammo Pak" and linked together by terminal carrier strips
- Automatic connector loading
- Programmable void capability
- Foot pedal operated
- Tooled for 4 through 21 circuits
- Discrete wire and cable tooling come with the machine. Two 21 circuit tools supplied should be altered to your application circuit size. Specific circuit size tools available, see your manual for ordering information.

Specifications

Size: Width—965mm (30")
 Depth—585mm (19")
 Height—480mm (16")
 Weight: 70kg (150 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—28L per minute (1 CFM)
 Electrical: Voltage—120V, 60 Hz or 220V, 50 Hz
 Current—2.0A at 120V or 1.0A at 220V
 Insulation Diameter: 26 AWG stranded topcoat 1.12mm (.044") max.
 Rate: Up to 1200 cycles per hour (discrete wire) and 350 assemblies per hour (cable), dependent on operator speed and wire length

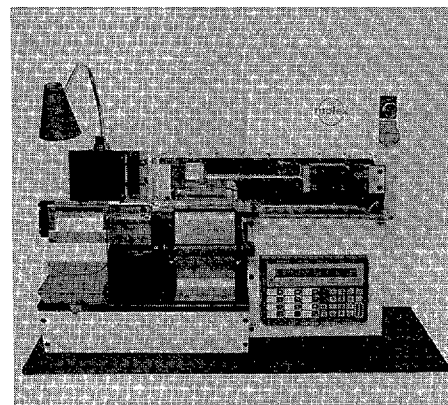
ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
Semi-Automatic Terminator for Discrete Wire and Ribbon Cable	11-20-1293	30452



Application Tooling IDT Termination Tooling for 30452 Series Connectors

Semi-Automatic "Hawk"™ Terminator



Micro Connectors

FEATURES AND SPECIFICATIONS

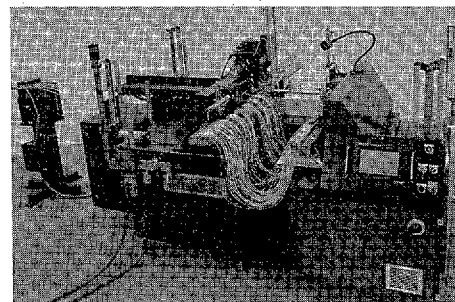
Features

- Dereel system for discrete wire or cable available
- Double- or single-ended harness capabilities without strip
- Single-ended harness capability with strip 38.00mm (1.500") max.; harness length of 76mm (3") min. to 610mm (24") max.
- Full strip for discrete wire available
- Strip and retain for cable available
- Discrete wire with variable wire length capability; harness length of 152mm (6") min. to 2400mm (95") max.
- Up to 56 terminations per cycle, dependent on circuit size
- Missing wire and splice detector
- Carrier strip break off

Specifications

Size: Width—2300mm (91")
 Depth—1800mm (71")
 Height—1500mm (59")
 Weight: 1800kg (4000 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—142L per minute (5 CFM)
 Electrical: Voltage—120V AC, 60 Hz or 220V AC, 50 Hz
 Current—30A at 120V or 15A at 220V
 Rate: 300 cycles per hour average, dependent on harness length

62000-0000 Automatic Harness Assembly Machines



ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
Fully Automatic Mass Terminator for Discrete Wire and Ribbon Cable	Contact factory	30452

Note: Due to the special nature of these machines, contact factory for information related to specific harness requirements

See Application Tooling Section "W" for additional information on these tools



Application Tooling IDT Termination Tooling for EBBI™ 50D

Ribbon Cable Manual Press

FEATURES AND SPECIFICATIONS

Features

- Accurate cable location and clamping
- Connector accurately nested
- Feed-through or feed-to capability
- Tooling slides out of press to ease plug and cable loading
- Termination has antibackup ratchet to ensure full termination cycle

Specifications

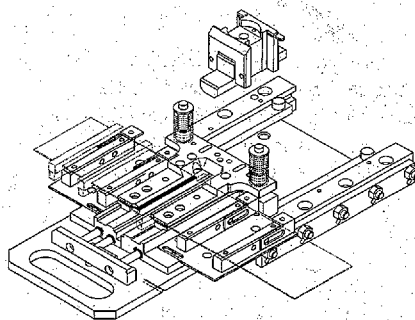
Size: Width—230mm (9")
Depth—457mm (18")
Height—457mm (18")
Weight: 27kg (60 lb)
Rate: Up to 150 assemblies per hour, dependent on operator speed and application

ORDERING INFORMATION

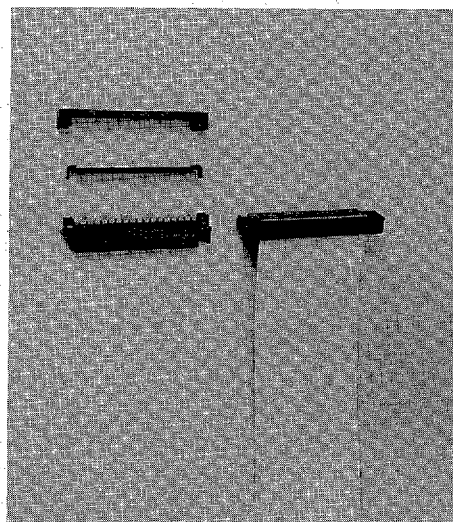
Description	Order No.	Use with Molex Connector
EBBI 50D Ribbon Cable Manual Press	11-20-1307	15-92-3XXX
Tool Kit Only	11-39-0152	15-92-3XXX



Complete Manual Press



Tool Kit



Micro Connectors

FEATURES

- For low volume, repairs and prototype
- Manual indexing to next position after insertion of discrete wire

ORDERING INFORMATION

Description	Order No.	Connector
Hand Tool	57290-5000	52484

ORDERING INFORMATION

Description	Order No.	Connector
Air Press Only	57222-7000	
Die Set for Single Row Receptacle	57220-7000	52484
Die Set for Dual Row Receptacle	57219-7000	52478

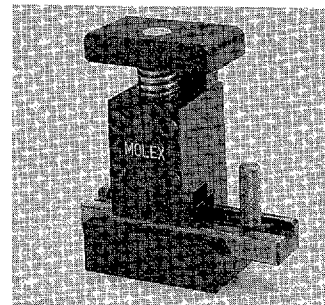
FEATURES

- Fully automatic mass terminators for high volume applications
- User friendly solid state controller
- Modular design
- Self-diagnostic

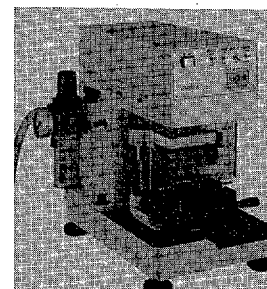


Application Tooling IDT Termination Tooling for 52478 and 52484 Mill Connectors

Termination Hand Tool for Discrete Wire



Pneumatic Press for Single and Dual Row Connectors



Fully Automatic Harness Assembly Machine XELOM Mill

Micro Connectors

Note: Due to the custom nature of these machines, contact factory to order



FEATURES

- For low volume, repairs and prototype
- Full cycle ratchet

ORDERING INFORMATION

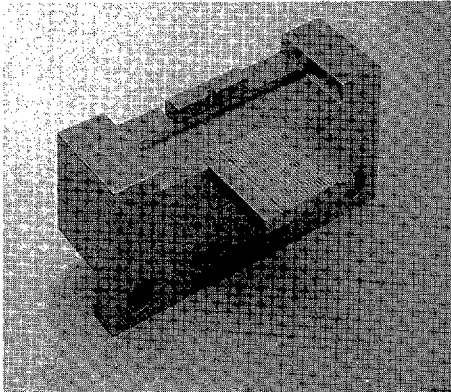
Description	Order No.	Connector
Hand Tool Handle	11-21-5194	
Module	11-32-5759	87259
Power Adapter/Clamp*	11-31-3337	

Complete tool includes the handle, power adapter, clamp and module

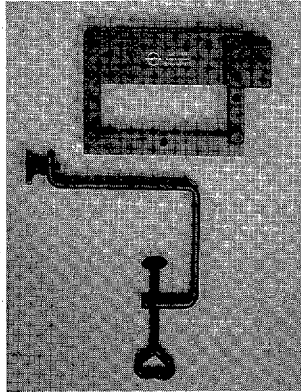
* Module power adapter includes 2 bottom bars to accommodate all ribbon cable modules

Application Tooling IDT Termination Tooling for Milli-Grid™

Termination Tool for Ribbon Cable



Module



Power Adapter/Clamp



Hand Tool Handle

FEATURES

- Full cycle ratchet
- For low volume and prototype
- Mass termination of prepared cable connector

ORDERING INFORMATION

Description	Order No.	Connector
Arbor Press with Tooling	11-39-0049	87259
Tool Kit Only*	11-32-5760	87259
Tool Change Kit Only†	11-32-5761	87259
Universal Adapter Plate	11-32-5762	87259

* Customer has manual press already

† Customer has manual press and MX50 tooling already

Note: Complete press includes press, tooling and universal adapter plate

Ribbon Cable Manual Press

