

Automatic Ferrule Processing Machines

MC 25 automatic wire stripping and ferrule crimping



The MC 25 is a portable electric machine that applies, **ferrules in strip** form from 0.5 mm² (22AWG) to 2.5mm² (14AWG) onto unprepared insulated stranded wires.

Features and specifications:

- Strips and crimps in one operation
- Strips most of the commonly used insulated stranded wires
- Ferrules are supplied in convenient dispenser rolls, thus preventing accidental unwinding
- Applicators and dies can be changed in a matter of seconds without additional tools - simply snap in the new tool and the machine is ready to go
- The insulation stripping unit is fitted with easy to replace V-shaped blades
- All the applicators and accessories are supplied in a metal case with the MC 25 machine
- **Power supply:** 230V/115V AC 50 or 60 Hz (compressed air not required)
- **Power consumption:** 80 VA
- **Ferrule range:** 0.5-2.5 mm² (22-14 AWG)
- **Ferrule Standard:** DIN 46228-4
- **Crimp section:** trapezoidal
- **Cycle:** approximately 1.5 seconds
- **Unit counter:** LCD display
- **Dimensions (H x W x D):** 270x165x320mm (10½x6½x12½")
- **Weight:** 12 kg (26.5 lbs)
- **Warranty:** one year covering all manufacturing defects

MC 25 Ferrule Processing Machines (Order by Part No.)

Part No.	Model	Description	Wire Size AWG	Wire Size mm ²
503.000	MC 25	Automatic ferrule stripping/crimping tool, complete with dies & applicators for 22/20/18/16/14 AWG wire	22-14 AWG	0.50-2.50mm ²
503.051 [^]	MC2 SCH05	Tool insert (spare) for MC 25, 0.50mm ²	22 AWG	0.50mm ²
503.052 [^]	MC2 SCH07	Tool insert (spare) for MC 25, 0.75mm ²	20 AWG	0.75mm ²
503.053 [^]	MC2 SCH10	Tool insert (spare) for MC 25, 1.00mm ²	18 AWG	1.00mm ²
503.054 [^]	MC2 SCH15	Tool insert (spare) for MC 25, 1.50mm ²	16 AWG	1.50mm ²
503.055 [^]	MC2 SCH25	Tool insert (spare) for MC 25, 2.50mm ²	14 AWG	2.50mm ²
503.009 [^]	MC2BOL	Replacement securing bolt (spare) for MC 25	--	--
503.011 [^]	MC2LOC05	Locator (spare) for MC 25, 0.50mm ²	22 AWG	0.50mm ²
503.012 [^]	MC2LOC07	Locator (spare) for MC 25, 0.75mm ²	20 AWG	0.75mm ²
503.013 [^]	MC2LOC10	Locator (spare) for MC 25, 1.00mm ²	18 AWG	1.00mm ²
503.014 [^]	MC2LOC15	Locator (spare) for MC 25, 1.50mm ²	16 AWG	1.50mm ²
503.015 [^]	MC2LOC25	Locator (spare) for MC 25, 2.50mm ²	14 AWG	2.50mm ²
503.018 [^]	MC2 0011	Bottom Centering Fork (spare) for MC 25 Stripper/Crimper	--	--
503.019 [^]	MC2 0013K	Top Centering Fork (spare) for MC 25 Stripper/Crimper	--	--
503.021 [^]	MC2 MAG05	Ferrule feeder (spare) for MC 25, 0.50mm ²	22 AWG	0.50mm ²
503.022 [^]	MC2 MAG07	Ferrule feeder (spare) for MC 25, 0.75mm ²	20 AWG	0.75mm ²
503.023 [^]	MC2 MAG10	Ferrule feeder (spare) for MC 25, 1.00mm ²	18 AWG	1.00mm ²
503.024 [^]	MC2 MAG15	Ferrule feeder (spare) for MC 25, 1.50mm ²	16 AWG	1.50mm ²
503.025 [^]	MC2 MAG25	Ferrule feeder (spare) for MC 25, 2.50mm ²	14 AWG	2.50mm ²
503.031 [^]	MC2 AM05	Stripping set (spare) for MC 25, 0.5 mm ²	22 AWG	0.50mm ²
503.032 [^]	MC2 AM07	Stripping set (spare) for MC 25, 0.75 mm ²	20 AWG	0.75mm ²
503.033 [^]	MC2 AM10	Stripping set (spare) for MC 25, 1.0 mm ²	18 AWG	1.00mm ²
503.034 [^]	MC2 AM15	Stripping set (spare) for MC 25, 1.5 mm ²	16 AWG	1.50mm ²
503.035 [^]	MC2 AM25	Stripping set (spare) for MC 25, 2.5 mm ²	14 AWG	2.50mm ²
503.091 [^]	MC2 0071	Wire guiding tube (spare) for MC 25 ferrule machine, 0.5mm ² white (pack of 2)	22 AWG	0.5mm ²
503.092 [^]	MC2 0072	Wire guiding tube (spare) for MC 25 ferrule machine, 0.75mm ² grey (pack of 2)	20 AWG	0.75mm ²
503.093 [^]	MC2 0073	Wire guiding tube (spare) for MC 25 ferrule machine, 1.0mm ² red (pack of 2)	18 AWG	1mm ²
503.094 [^]	MC2 0074	Wire guiding tube (spare) for MC 25 ferrule machine, 1.5mm ² black (pack of 2)	16 AWG	1.5mm ²
503.095 [^]	MC2 0075	Wire guiding tube (spare) for MC 25 ferrule machine, 2.5mm ² blue (pack of 2)	14 AWG	2.5mm ²
503.097	MC2 CSTE	Crimp stamp for MC 25	--	--
090.508	A00555K	Spool of 1000 ferrules	22 AWG	0.50mm ²
097.508	A00755K	Spool of 1000 ferrules	20 AWG	0.75mm ²
091.008	A01055K	Spool of 1000 ferrules	18 AWG	1.0mm ²
091.508	A01555K	Spool of 1000 ferrules	16 AWG	1.50mm ²
092.508	A02555K	Spool of 500 ferrules	14 AWG	2.5mm ²

[^] included with purchase of MC 25

Information subject to change without notice

MC 40-1 and MC 40L Automatic Wire stripping and crimping machine for loose ferrules



The MC 40-1 and MC 40L are bench-mounted electro-pneumatic machines, for high volume application of **loose insulated ferrules**, onto unprepared insulated stranded wires.

The MC 40-1 handles ferrules 0.5mm² - 1.5mm², 22AWG - 16AWG, and additional kits expand the range. The MC 40L can process ferrules 4mm² - 12AWG, 6mm² - 10AWG and 10mm² - 8AWG.

	MC 40-1	MC 40L
Ferrule range options	0.5 - 1.5 mm ² (22-16AWG), 0.25/2.5/4mm ² (24/14/12 AWG) with optional accessories	4/6/10mm ² (12/10/8AWG)
Crimping length	6 - 12mm	12mm
Cycle time	1.3 seconds	1.5 seconds
Power	100 - 240 VAC, 50/60 Hz	
Compressed air supply	5 bar / 72 psi	6 bar / 87 psi
Dimensions	412x250x550mm (16.2 x 9.8 x 21.7")	
Weight	27 kg / 60 lb.	

Features and specifications:

- Processes loose insulated ferrules with hopper feed system
- Strips and crimps in one operation
- Uses **compressed air and single-phase AC power**
- Applicators and dies can be changed in a matter of seconds without special tools - simply insert the new tool and the machine is ready to go
- The insulation stripping unit is fitted with easy to replace V-shaped blades. It strips most of the commonly used insulated stranded wires
- Ferrule Standard:** DIN 46228-4
- Crimp section:** trapezoidal
- Control:** microprocessor-controlled electro-pneumatic drive
- Unit counter:** mechanical display, 5 digits
- Warranty:** one year covering all manufacturing defects

MC 40-1 and MC 40L Ferrule Processing Machines, Kits and Spare Parts (Order by Part No.)

Part No.	Model	Description	Wire Size AWG	Wire Size mm ²
503.040	006218	MC 40-1 Automatic ferrule stripping/crimping machine, complete with sound absorbing hood, dies and applicators	22/20/18/16 AWG	0.5, 0.75, 1.0, 1.5mm ²
503.041	006646	MC 40-1 Crimping/stripping kit for 24-22 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate and feeder bowl	24-22 AWG	0.25-0.34mm ²
503.042	006645	MC 40-1 Crimping/stripping kit for 14 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate and feeder bowl	14 AWG	2.5mm ²
503.043	006650	MC 40-1 Crimping/stripping kit for 12 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate and feeder bowl	12 AWG	4mm ²
503.049	006642	Stripping blade (spare) for MC 40-1	24-14 AWG	0.25-2.5mm ²
503.045	007636	Square crimping jaws 0.5 - 0.75mm ² for MC 40-1	22-20 AWG	0.5 - 0.75mm ²
503.046	007644	Square crimping jaws 1 - 1.5mm ² for MC 40-1	18 - 16 AWG	1 - 1.5mm ²
503.047	007645	Square crimping jaws 2.5mm ² for MC 40-1	14 AWG	2.5mm ²
503.040L	006222	MC 40L Automatic ferrule stripping/crimping machine including sound absorbing hood. Dies and applicators sold separately.	12/10/8 AWG	4, 6, 10mm ²
503.048-4	006630	MC 40L Crimping/stripping kit for 12 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate, stripping blade, crimping jaws and feeder bowl	12 AWG	4mm ²
503.048-6	006813	MC 40L Crimping/stripping kit for 10 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate, stripping blade, crimping jaws and feeder bowl	10 AWG	6mm ²
503.048-8	006814	MC 40L Crimping/stripping kit for 8 AWG ferrules - sleeve receiver, cord centering funnel, reversing base sleeve, separation plate, stripping blade, crimping jaws and feeder bowl	8 AWG	10mm ²

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For information on ITC's wide selection of insulated, uninsulated and "twin" ferrules please see catalog EB-21101 Ferrules & Kits.