

ET1000

Portable, Light Duty, Positive Stop Crimp Machine Innovation Sheet

Eaton is proud to add the ET1000 crimp machine to its line of portable crimpers. While being our most economical crimp machine to-date, the new ET1000 machine boasts a broad crimp capability with an ease-of-use that is sure to please hose assemblers.

This new crimp machine has been approved to crimp:

- All 1-wire and 2-wire braided MatchMate Plus™ hoses in sizes 1/4" through 1-1/4" using MatchMate Plus TTC fittings.
- All 4-wire spiral MatchMate Plus hoses in sizes 3/8" through 1", using MatchMate Plus TTC12 fittings.

The new ET1000 crimp machine builds on the success of the prior FT1370 portable crimp machine by using the same basic frame and construction design, but employs a 2-piece split half collet assembly in lieu of the traditional ProCrimp die cages. The correct hose assembly crimp diameter is obtained by the use of a spacer ring that controls the stroke length of the cylinder during the crimping operation.

This new crimp machine may be ordered separately or with one of four power supplies: hand-pump, air/hydraulic pump, 12-volt DC power unit, or a 110-volt AC power unit.



Features

- Pusher slides out of position.
- Compatible with the Aeroquip MatchMate Plus hose and fittings.
- Can be mounted on service vehicles due to its portable design.
- Can be powered with virtually any 10,000 psi hydraulic power source (min. 36 cubic inch pump reservoir capacity).
- Utilizes 2-piece collet assemblies.
- Spacer rings control the crimp diameter.

Benefits

- Sliding pusher allows for easier fitting insertion into the machine.
- Simple positive-stop crimp diameter control system for consistent crimping time after time with no operator adjustments required.
- Easily transported between job sites.
- Versatile power source options.
- Electricity is required only when using an electric style pump.



SPECIFICATIONS

Dimensions-22 inches high, 16 inches wide, 14 inches in depth
 Weight 70 lbs. (without pump)

ET1000 CRIMP MACHINE PART NUMBERS

For tooling and crimping information, refer to the Collet/Spacer Ring Selector Chart, A-EQCR-MG001-E.
 All part numbers include the basic crimp machine.

ET1000-001 = No pump, no tooling (basic machine only)

ET1000-002 = Hand-pump, no tooling

ET1000-003 = Air/hydraulic pump, no tooling

ET1000-004 = 110 volt 1/2HP electric pump, no tooling

ET1000-005 = 12 V DC pump, no tooling

ET1000 CRIMP MACHINE PACKAGE PART NUMBERS

These machine packaged part numbers offer a variety of pumps with the same tooling package including all collets and spacer rings to crimp:

1-wire and 2-wire braided MatchMate Plus Hoses (sizes 1/4" through 1-1/4") using TTC fittings
 GH493, 4-wire spiral MatchMate Plus Hose (sizes 3/8" through 1") using TTC12 fittings

ET1000-006 = No pump, but includes complete MatchMate Plus Collet and Spacer Ring Tooling package described above

ET1000-007 = Air/hydraulic pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above

ET1000-008 = 110 Volt electric pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above

ET1000-009 = 2-Stage hand pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above

ET1000-010 = 12 Volt DC pump, and complete MatchMate Plus Collet and Spacer Ring Tooling package described above

COLLET PART NUMBERS

- ET1000DC-M150S
- ET1000DC-M195S
- ET1000DC-M230S
- ET1000DC-M250S
- ET1000DC-M295S
- ET1000DC-M320S
- ET1000DC-M390S
- ET1000DC-M430S
- ET1000DC-M475S
- ET1000AR-001 Die Ring Adapter

SPACER RING PART NUMBERS

- ET1000SR-M115D
- ET1000SR-M265D
- ET1000SR-M395D
- ET1000SR-M190D
- T-400-37
- T-400-38
- ET1000SR-M100A
- ET1000SR-M315A
- T-400-112

PUMP PART NUMBERS*

- 2-stage hand pump = ET1000PK-001
- Air/hydraulic pump = ET1000PK-002
- 110 volt electric pump = ET1000PK-003
- 12 volt DC pump = ET1000PK-004

ACCESSORY PART NUMBERS

- 1.5 oz. Tube, high efficiency PTFE grease = 140-06701
- Tool Box for collets and spacer rings = FT1603
- Wall Mount Tool Rack for collets and spacer rings = FT1604

*These pump kits include the pump, connecting hose assembly, and all of the adapters necessary to connect the pump to the ET1000 crimp machine cylinder.

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