ET1187

Portable Variable Crimp Machine

Innovation Sheet

Eaton is proud to add the ET1187 crimp machine to its line of portable crimpers. While being our most economical variable crimp machine to date, the new ET1187 machine boasts a broad crimp capability with a new "ease-of-use" that is sure to please hose assemblers in the field.

This new crimp machine has been approved to crimp:

- Aeroquip TTC / Weatherhead Z series fittings and applicable hoses in sizes 1/4" through 1"
- Aeroquip / Weatherhead TTC12/4S fittings and applicable hoses in sizes 3/8" through 5/8"
- Aeroquip / Weatherhead 4S fittings and applicable hoses in sizes 3/4" through 1"

AVAILABLE WITH BENCH AND TRUCK MOUNT BRACKETS

FEATURES

- Can be mounted on service vehicles or bench tops
- Can be used remotely
- Can be powered with virtually any 10,000 psi hydraulic power source (minimum of 36 cu. inch pump reservoir capacity is required)
- Utilizes existing FT1380 dies

BENEFITS

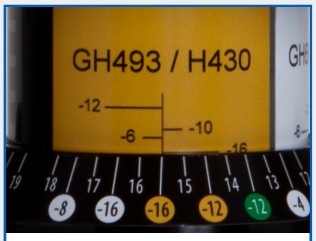
- Color coded collar for core hose products makes setup fast and easy
- Easily transported between job sites
- Versatile power source options
- Lower investment cost than FT1380/ET1280
- Electricity is only required when using an electric style pump

GH681 / H180
Standard machine comes with GH681/H180 settings built in for use with TTC/Z fittings in sizes -4 through -16.

-12 size setting shown

GH781 / H280
Standard machine comes with GH781/H280 settings built in for use with TTC/Z fittings in sizes -4 through -16.

-8 size setting shown



GH493 / H430
Standard machine comes with GH493/H430 settings built in for use with TTC12/4S fittings in sizes -6 through -10, and 4S fittings in sizes -12 and -16.

-16 size setting shown

Micrometer Dial
The micrometer section can be used to crimp other products not captured on the 3 primary collar settings, based on crimp target settings available in PowerSource.

This machine has a new, patent pending design to easily adjust to the Aeroquip and Weatherhead core products (see above). It's as simple as turning the collar to the correct color to match the layline on the hose, adjust the ring so that the correct size dot aligns with the correct size line on the collar and the machine is set for the correct crimp. Load the correct crimp die based on the crimp die chart attached to the machine, and the machine is ready to crimp.

Technical Data

ET1187-001
(Bench Mount)

ET1187-002
(Truck Mount)

Bench Mount

Truck Mount

The ET1187 has a crimp capability that positions it as a mid-range size variable crimp machine at a lower cost than an ET1280 or FT1380, and comparable to the ET1000 cost.

This portable crimp machine comes complete with a frame suitable for mounting to a work surface(ET1187-001) or mounted to the wall (ET1187-002). The mounting brackets are also available separately so that it can be used to go back and forth between truck and shop. The machine can be released from either bracket in seconds, with the use of the two pull pins, for portable use or moving from truck to shop.

For even greater versatility, the ET1187 crimper utilizes the same variable tooling as the popular FT1380/ET1280. It can be ordered with one of four different power supplies; Hand-pump, air/hydraulic pump, 12-Volt DC power unit, or a 110-volt AC power unit.

SPECIFICATIONS

Dimensions – 22" High x 9" Wide x 11" Deep

Weight – 65 lbs

CRIMP MACHINE PART NUMBERS

ET1187-001 = Bench Mount Machine, no pump, no tooling, base machine only
ET1187-002 = Truck Mount Machine, no pump, no tooling, base machine only
ET1187C-0017 = Bench Mount Bracket
ET1187C-0019 = Truck Mount Bracket

CRIMP DIES

ET4020TP-0002 – Die Package for -4, -6, -8, -12, -16 Braided and -6, -8, -10, -12 Spiral (Includes M150, M180, M210, M240, M280, M320, M370 Dies)
FT1380-200-M420 – Die for -16 Spiral

PUMP PART NUMBERS*

ET1000PK-001 = 2-Stage Hand Pump
ET1000PK-002 = Air/Hydraulic Pump
ET1000PK-003 = 110 Volt Electric Pump
ET1000PK-004 = 12 Volt DC Electric Pump

ACCESSORY PART NUMBERS

T-400-G = 1.5 oz. Tube, High Efficiency PTFE Grease
FF91455 = 16 oz. Can, High Efficiency PTFE Grease

* These pump kits include the pump, connecting hose assembly, and all of the adapters necessary to connect the pump to the ET1187 crimp machine.

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