

Sales sheet

ET1187 Portable Variable Crimp Machine

Danfoss 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 1A (TTC) / Weatherhead Z series braided fittings and applicable hoses in sizes 1/4” through 1 1/4”
- Aeroquip / Weatherhead 4S series spiral fittings and applicable hoses in sizes 3/8” through 1”



AVAILABLE WITH BENCH AND TRUCK MOUNT BRACKETS

FEATURES

- Can be mounted on service vehicles or bench tops
- Can be used remotely, 65lbs
- 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/ET4020 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 other variable crimpers



GH681 / H180

Standard machine comes with GH681/H180 settings built in for use with TTC/Z fittings in sizes -4 through -20.

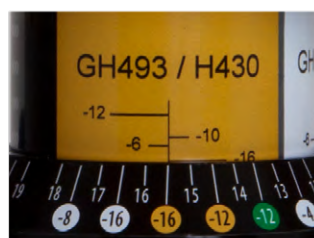
-12 size setting shown



GH781 / H280

Standard machine comes with GH781/H280 settings built in for use with TTC/Z fittings in sizes -4 through -20.

-8 size setting shown



GH493 / H430

Standard machine comes with GH493/H430 settings built in for use with 4S fittings in sizes -6 through -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.

The machine’s patented design makes it quick and easy to crimp Aeroquip and Weatherhead core products. 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

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 (includes bracket) - for premium hose GH681/H180, GH781/H280, GH493/H430

ET1187-002 = Truck Mount Machine, no pump, no tooling (includes bracket) - for premium hose GH681/H180, GH781/H280, GH493/H430

ET1187-003 = Bench Mount Machine, no pump, no tooling (includes bracket) - for Winner hose EC115, EC215, EC118

ET1187-004 = Truck Mount Machine, no pump, no tooling (includes bracket) - for Winner hose EC115, EC215, EC118

ET1187C-0017 = Bench Mount Bracket

ET1187C-0019 = Truck Mount Bracket

ET1187-008 - Crimper package contains ET1187-001 crimp machine, 110 volt electric pump kit, and the ET4020TP-0002 tooling package

ET1187-010 - Crimper and saw package contains ET1187-001 crimp machine, 110 volt electric pump kit, the ET4020TP-0002 tooling package, the ET9000-45-110 portable saw, and the ET1187C-0029 portability kit

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)

ET4020TP-0003 – Die Package for -4, -6, -8, -12, -16, -20 Braided and -6, -8, -10, -12, -16 Spiral (Includes M150, M180, M210, M240, M280, M320, M370, M420, and M465 Dies)

FT1380-200-M420 – Die for -16 Spiral

FT1382-200-M465 – Die for -20 Braided

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

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

ACCESSORY PART NUMBERS

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

FF91455 = 16 oz. Can, High Efficiency PTFE Grease

ET1187C-0008PR - Replacement barrel for the ET1187-001, ET1187-002 (for premium hose GH681/H180, GH781/H280, GH493/H430)

ET1187C-0008WR - Replacement barrel for the ET1187-003, ET1187-004 (for Winner hose EC115, EC215, EC118)

ET1187C-0009PR - Replacement knob for the ET1187-001, ET1187-002 (for premium hose GH681/H180, GH781/H280, GH493/H430)

ET1187C-0009WR - Replacement knob for the ET1187-003, ET1187-004 (for Winner hose EC115, EC215, EC118)

ET1187C-0028 - Optional handle kit with 2 easy grip handles and mounting hardware

ET1187C-0029 - Portability kit including handle kit, longer hose assembly, and FF series QD couplings

Die Cage Part Number	1 Wire Braid 1A (TTC)/Z/Winner	2 Wire Braid 1A (TTC)/Z/Winner	Spiral Hose 4S Fitting	ET4020TP-0002	ET4020TP-0003
FT1380-200-M150	-4	-4		×	×
FT1380-200-M180	-6	-4 [†]		×	×
FT1380-200-M210	-8	-6	-6	×	×
FT1380-200-M240	-10	-8	-8 ^{††}	×	×
FT1381-200-M280	-12	-10, -12 [†]	-8, -10	×	×
FT1380-200-M320		-12	-12	×	×
FT1380-200-M370	-16	-16		×	×
FT1380-200-M420			-16		×
FT1382-200-M465	-20	-20			×

† - Die cage used to crimp Winner Hose with Two Piece Winner Fitting

†† - Die cage used to crimp Winner Hose with 4S Fitting

Note: Additional dies and die cages also available. Refer to website or contact Danfoss.

About Danfoss Power Solutions FC

Danfoss hoses, fittings, and tooling provide the ultimate fluid conveyance solutions for a variety of equipment and applications around the world. We proudly engineer to support a sustainable future for tomorrow.

To learn more please visit: <http://www.danfoss.com/en/about-danfoss/our-businesses/power-solutions>

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