



Introducing the **FT1380e** CRIMP MACHINE ▶

Eaton takes crimping to a new level of precision with the new all-electronic FT1380e, the premier all-in-one crimper and the next generation of quality crimp machines built on the high standards established by Eaton's top selling FT1380.

This powerful machine crimps up to -20 in 6-wire spiral hydraulic hose and utilizes Eaton's standard FT1380 variable crimp tooling.

Specifications

Dimensions:

29.875" high x 16.062" wide
x 25.75" deep

Weight: 222 lbs

Allows for work bench or table
top mounting

Capabilities

Braided hose: -4 thru -20

Spiral hose: -6 thru -20

Features

- Design based on the FT1380 and utilizes the same tooling
- Industrial grade touchscreen
- Easy to use interface
- Integrated help feature
- Preloaded crimp specs
- Variable retract positioning
- Enhanced LED lighting
- Easy machine setup, calibration, and offsets

Benefits

- Reduced assembly time
- Reduced operator error and waste
- Safe and reliable hose assemblies
- Comes with high efficiency PTFE grease
- USB included

Tooling	Tooling capabilities				Tooling packages	
Die cage part #	1 wire braid TTC/Z/Winner	2 wire braid TTC/Z/Winner	Spiral hose 4S fitting	Spiral hose 6S fitting	ET4020TP-0002	ET4020TP-0003
FT1380-200-M150	-4	-4			X	X
FT1380-200-M180	-6	-4†			X	X
FT1380-200-M210	-8	-6	-6		X	X
FT1380-200-M240	-10	-8	-8††		X	X
FT1381-200-M280	-12	-10,-12†	-8,-10		X	X
FT1380-200-M320		-12	-12		X	X
FT1380-200-M370	-16	-16			X	X
FT1380-200-M420			-16			X
FT1382-200-M465	-20	-20	-20	-16		X
FT1382-275-M520				-20		

†Die cage used to crimp designated hose diameter with two piece Winner fitting

††Die cage used to crimp Winner hose with 4S fitting

Note: Visit the Eaton PowerSource Crimp Specs tool at www.eatonpowersource.com/crimp-specs/ to find the tooling needed for all of the hoses and fittings you plan to crimp



Powering Business Worldwide

Crimp machine part numbers

FT1380e-115 Base machine with 115v pump

FT1380e-115CSA Base machine with 115v pump, UL/CSA approved

FT1380e-230 Base machine with 230v pump

FT1380e-230CSA Base machine with 230v pump, UL/CSA approved

Crimp machine and tooling package part numbers

FT1380e-115-9 Contains FT1380e crimper, 115v pump, and ET4020TP-0003 tooling package

FT1380e-115-9CSA Contains FT1380e crimper, 115v pump, and ET4020TP-0003 tooling package, UL/CSA approved

Pump part numbers

All pumps are included with machine purchase. To review machine and pump package options please refer to the ordering options below.

Accessory part numbers

FT1380-4 Optional fitting backstop—kit includes backstop and 5/32" hex wrench. The backstop allows the FT1380 to crimp PTFE hose and to be utilized for a fitting locator to increase efficiency.

FT1330-XL TTC/Z fitting locators

FT1380-XL 4S fitting locators

T-400-G 1.5 oz. tube high efficiency PTFE grease

FF91455 16 oz. can, high efficiency PTFE grease

FT1380-2-9 Die cage repair kits for FT1380-200-size, FT1380-275-size

FT1380e-115-UP 115v Electronic Upgrade Package (requires shipment of current machine to manufacturer)

FT1380e-230-UP 230v Electronic Upgrade Package (requires shipment of current machine to manufacturer)

FT1380e-115-UPCSA 115v Electronic Upgrade Package, UL/CSA approved (requires shipment of current machine to manufacturer)

FT1380e-230-UPCSA 230v Electronic Upgrade Package, UL/CSA approved (requires shipment of current machine to manufacturer)

FT1380e-1-8 Stylus

FT1380e-1-9 Wiping Cloth

Ordering options

For your convenience, we have created an optimized machine and tooling package.

If this option does not meet your needs, place your order for the machine and tooling separately, following the chart to the right.

Tooling can also be ordered a la carte. Visit the Eaton PowerSource Crimp Specs tool at eaton.com/crimp to find the tooling needed for all of the hoses and fittings you plan to crimp.

Select your base machine

FT1380e-115 Base machine with 115v pump

FT1380e-115CSA Base machine with 115v pump, UL/CSA approved

FT1380e-230 Base machine with 230v pump

FT1380e-230CSA Base machine with 230v pump, UL/CSA approved

Pump included

115v pump included

115v pump included

230v pump included

230v pump included

Select your tooling package

ET4020TP-0003

ET4020TP-0002

Order a machine package with tooling:

FT1380e-115-9

FT1380e-115-9CSA

or

Specialty crimp die cages

Tooling

Tooling capabilities

Die cage part #	Hose size	Hose style
FT1380-275-M070	-03	PTFE
FT1380-275-M090	-03 Synflex, -04, -05 PTFE	Synflex, PTFE
FT1380-275-M120	-04 Synflex, -06 PTFE	Synflex, PTFE
FT1382-275-M370	-16	Two-piece Winner
FT1382-275-M520	-20	6S
*FT1380-275-R5-04	-04	Truck and fuel 100R5
*FT1380-275-R5-05	-05	Truck and fuel 100R5
*FT1380-275-R5-06	-06	Truck and fuel 100R5
*FT1380-275-R5-08	-08	Truck and fuel 100R5
*FT1380-275-R5-10	-10	Truck and fuel 100R5
*FT1380-275-R5-12	-12	Truck and fuel 100R5
*FT1380-275-R5-16	-16	Truck and fuel 100R5
*FT1380-275-R5-20	-20	Truck and fuel 100R5

*Tooling above for use with Aeroquip hose and fittings



Powering Business Worldwide



11412 Cronhill Drive - Owings Mills, MD 21117

Phone: 410-356-0003

Email: sales@tipcotec.com

www.tipcotec.com

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344

USA

Tel: 952-937-9800

Fax: 952-294-7722

www.eaton.com/hydraulics

© 2020 Eaton
All Rights Reserved
Printed in USA
Document No.: E-HOAS-BB016-E