



## 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/](http://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

<b>FT1380e-115</b> Base machine with 115v pump
<b>FT1380e-115CSA</b> Base machine with 115v pump, UL/CSA approved
<b>FT1380e-230</b> Base machine with 230v pump
<b>FT1380e-230CSA</b> Base machine with 230v pump, UL/CSA approved

## Crimp machine and tooling package part numbers

<b>FT1380e-115-9</b> Contains FT1380e crimper, 115v pump, and ET4020TP-0003 tooling package
<b>FT1380e-115-9CSA</b> 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

<b>FT1380-4</b> 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.
<b>FT1330-XL</b> TTC/Z fitting locators
<b>FT1380-XL</b> 4S fitting locators
<b>T-400-G</b> 1.5 oz. tube high efficiency PTFE grease
<b>FF91455</b> 16 oz. can, high efficiency PTFE grease
<b>FT1380-2-9</b> Die cage repair kits for FT1380-200-size, FT1380-275-size

<b>FT1380e-115-UP</b> 115v Electronic Upgrade Package (requires shipment of current machine to manufacturer)
<b>FT1380e-230-UP</b> 230v Electronic Upgrade Package (requires shipment of current machine to manufacturer)
<b>FT1380e-115-UPCSA</b> 115v Electronic Upgrade Package, UL/CSA approved (requires shipment of current machine to manufacturer)
<b>FT1380e-230-UPCSA</b> 230v Electronic Upgrade Package, UL/CSA approved (requires shipment of current machine to manufacturer)
<b>FT1380e-1-8</b> Stylus
<b>FT1380e-1-9</b> 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](http://eaton.com/crimp) to find the tooling needed for all of the hoses and fittings you plan to crimp.

Select your base machine	Pump included	Select your tooling package	Order a machine package with tooling:
<b>FT1380e-115</b> Base machine with 115v pump	115v pump included	<b>ET4020TP-0003</b>	<b>FT1380e-115-9</b>
<b>FT1380e-115CSA</b> Base machine with 115v pump, UL/CSA approved	115v pump included	<b>ET4020TP-0002</b>	<b>FT1380e-115-9CSA</b>
<b>FT1380e-230</b> Base machine with 230v pump	230v pump included		
<b>FT1380e-230CSA</b> Base machine with 230v pump, UL/CSA approved	230v pump included		

**or**

## Specialty crimp die cages

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

\*Tooling above for use with Aeroquip hose and fittings



Powering Business Worldwide

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](http://www.eaton.com/hydraulics)

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