

FT1380e Electronic Crimper by Danfoss: Spec Sheet

FT1380e electronic crimp machine

The next level of crimping precision

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

Precision crimping

Faster assembly and reduced errors are just 2 benefits of the FT1380e

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



electronic

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 Danfoss PowerSource Crimp Specs tool under the Tools menu at danfosspowersource.com to find the tooling needed for all of the hoses and fittings you plan to crimp

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 Danfoss PowerSource Crimp Specs tool at danfosspowersource.com 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:
FT1380e-115 Base machine with 115v pump	115v pump included	ET4020TP-0003	FT1380e-115-9
FT1380e-115CSA Base machine with 115v pump, UL/CSA approved	115v pump included	ET4020TP-0002	FT1380e-115-9CSA
FT1380e-230 Base machine with 230v pump	230v pump included		
FT1380e-230CSA Base machine with 230v pump, UL/CSA approved	230v pump included		

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

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