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Aerospace Fluid Conveyance

Aeroquip® Brand S1347 Crimped
Hose Assembly Machine & S1414
Pre-assembly Machine

Eaton's Aeroquip brand S1347 Crimped Hose Assembly Machine is designed for quick, accurate crimping of quality aircraft hose assemblies made by distributors and manufacturers. This machine will crimp both straight and standard elbow fittings on medium pressure Teflon® hose (AE240, 666 and 667) in sizes -3 through -16, and high pressure Teflon hose (AE246) in sizes -4 through -12. The S1347F Machine also can crimp additional styles and sizes of Teflon hose. Please contact Eaton for further information.

- Simplified crimping operation — no handling of rings or dies
- Complete range of tooling options. You can custom design the machine to meet your needs.

The S1414 Pre-assembly machine is a lever-operated turret-type machine. It flares the wire braid on the hose, ensures proper insertion of the nipple assembly into the hose, and draws the socket over the nipple assembly in preparation for final crimping.

S1347F Crimped Hose Assembly Machine

Dimensions: 49" high, 30" wide,
28" deep
Weight: 750 lbs.
Motor Power: 1.5 HP



FEATURES

- Front-end loading design
- Digital linear transducer control of crimp diameter
- Power return stroke, return limit control
- Drop in tooling (crimp die cages)
- Standard work light

BENEFITS

- Greater visibility and easier operation than top-loading or bottom-loading crimp machines
- Consistent precise crimp, time after time
- Faster, more efficient production capability

S1414 Pre-assembly Machine

Dimensions: 9" high, 6" wide,
21" deep
Weight: 122 lbs.



S1347 CRIMP DIE SELECTION CHART

Hose Style and Size	Crimp Die Set*	Drop-In Crimp Die Cage Assembly	Straight Locator	Elbow Locator
AE240-3*	S1347-1-17	S1347D-3-17	S1084-2-1	S1348-1-13
666-4	S1347-1-12	S1347D-3-12	S1084-2-2	S1348-1-9
666-5	S1347-1-13	S1347D-3-13	S1084-2-3	S1348-1-12
666-6	S1347-1-14	S1347D-3-14	S1084-2-4	S1348-1-10
666-8	S1347-1-15	S1347D-3-15	S1084-2-5	S1348-1-11
666-10	S1347-1-19	S1347D-3-19	S1084-2-26	S1348-1-1
666-12	S1347-1-18	S1347D-3-18	S1084-2-7	S1348-1-2
667-16	S1347-1-20	S1347D-3-20	S1084-2-13	S1348-1-3
AE246-4	S1347-1-4	S1348D-3-4	S1084-2-2	S1348-1-4
AE246-6	S1347-1-5	S1347D-3-5	S1084-2-4	S1348-1-5
AE246-8	S1347-1-6	S1347D-3-6	S1084-2-5	S1348-1-6
AE246-10	S1347-1-7	S1347D-3-7	S1084-2-16	S1348-1-7
AE246-12	S1347-1-8	S1347D-3-8	S1084-2-7	S1348-1-8

* For use with a single S1347D-2 reusable die cage (non-spring return)

** For individual spring return die cage package (do not order S1347-1-no.). Dies are included with assembly.

ELECTRICAL OPTIONS

Crimp Kit Number	Machine Number	Option	HP Rating	Circuit Minimum
S1384FKXA-1	S1347F-1-1	110-120 Volt 1 Phase 60 Hz	1-1/2	20 Amp
S1384FKXA-2	S1347F-1-2	208-240 Volt 1 Phase 60 Hz		15 Amp
S1384FKXA-3	S1347F-1-3	110-120 Volt 1 Phase 50 Hz		20 Amp
S1384FKXA-4	S1347F-1-4	208-240 Volt 1 Phase 50 Hz		15 Amp

ORDERING INSTRUCTIONS

Part Number	Item	Description
S1384FK5A-No. • S1347F-1-No.	Kit Basic machine	Includes main locator assembly, straight locator holder, and one crimp die cage (S1347D-2) for non-spring return dies
• S1414	Pre-assembly vise	Used in assembly of nipple assembly to hose
• S1357-5A	Crimp tool assembly kit	Includes all tooling to assemble and crimp AE240-3, 666-4 through 666-12, 667-16, and AE246-4 through AE246-12, using the non-spring return die system
S1384FK7A-No. • S1347F-1-No.	Kit Basic machine	Includes main locator assembly, straight locator holder and one crimp die cage (S1347D-2) for non-spring return dies
• S1414	Pre-assembly vise	Used in assembly of nipple assembly to hose
• S1357-7A	Crimp tool assembly kit with drop-in die cages	Same as S1357-5A kit but includes the spring return die cage for each die set

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