



EAT•N

Weatherhead

Hose Assembly Systems

Product Focus

In the SHOP or In the FIELD...

Save money in time and labor.

Make your own OEM-quality custom hose assemblies with a Weatherhead Coll-O-Crimp system.



Weatherhead hose assemblies feature:

- High-Quality Connections
- Easy Operation
- Faster Assembly
- Low Maintenance

Coll-O-Crimp ET4000



The ET4000 is ideal for factory, high performance machine operations, construction and mine locations. This machine offers the capabilities of crimping all of the crimp style hose ends Weatherhead® offers. With this coverage, this heavyduty crimper can handle all of your crimping needs.

CAUTION

The Coll-O-Crimp® power source has the pressure relief valve set at 5,000 psi. Damage to the press will result if higher pressures are used and warranty may be voided.

Capacity: 3/16" I.D. 1 fiber braid through 2" 6 spiral hose; for hoses other than 4 and 6 spiral, conversion tooling is required.

Mounting: Bench

Size: 29" high, 12" wide, 21" deep

Weight: 550 lbs.

Pump Required (sold separately): T-441

ET1000 Portable Crimp Machine



The completely PORTABLE ET1000 crimp machine boasts a broad crimp capability with an ease-of-use that is sure to please hose assemblers. With 3 power source options - air/hydraulic, hand and electric - this portable machine can travel to the work-site. The machine comes equipped with a stand pre-drilled for mounting to a work-bench or table-top.

The ET1000 Portable Crimp Machine is a midsize machine positioned between the other two popular portable crimp machines (the T-460 and T-480).

Capacity:

Coll-O-Crimp U Series Hose Ends and applicable hoses in sizes 1/4" through 1-1/4"

Coll-O-Crimp Z Series Hose Ends and applicable hoses in sizes 1/4" through 1-1/4"

Coll-O-Crimp 430U Series Hose Ends and applicable hoses in sizes 3/8" through 3/4"

Mounting:

Work bench or table top

Weight:

70 lbs. (less pump)

Tooling:

Standard Coll-O-Crimp collets and spacer rings. Uses the same tooling as the T-420 machine.

Pump Kits:

(pump kits contain hose assembly and fittings to attach pump to machine)

ET1000PK-001

Hand Pump

ET1000PK-002

Air/Hydraulic Pump

ET1000PK-003

110 Volt Electric Pump

Pump Only:

(does not include hose assembly or fittings)

T-480-2

Hand Pump

T-482-2

Air/Hydraulic Pump

T-481-110

110 Volt Electric Pump

Production Units

T-400-1 Coll-O-Crimp I



This time-proven "mini-factory" makes a shop complete. Either bench- or cabinet-mounted, the T-400-1 Coll-O-Crimp® I press offers crimping capabilities of 3/16" fiber braid through 1-1/4" two-wire hose.

A choice of four Weatherhead pumps available. Pump sold separately.

Weight: 113 lbs.

Size: 16-1/4" high, 21-3/4" deep, 8" wide

T-407 Production Coll-O-Crimp



The T-407 Production Coll-O-Crimp is specially designed for fast production of straight configuration hose-end crimping.

To facilitate hose-end crimping, the swivelling bracket is designed for tooling to be placed, then press locked-in up to a 90° angle. The system's crimp locator allows the presetting of the correct crimp location, so hose assemblies can be produced

in volume, accurately and precisely.

The T-407 system includes the T-433 high-volume pump, metering valve, and foot switch and has crimping capabilities from 3/16" fiber braid through 1-1/4" two-wire hose.

Weight (press only): 125 lbs.

Press Size: 19 -1/4" high, 21 3/4" deep, 8" wide

Pump Size: 22" high, 12" deep, 15" wide

Spacer Rings



Designed for the crimping of various hose and hose-end assemblies. Each ring marked by part number and color-coded for easy identification.

T-420-1 Coll-O-Crimp Super I



The Coll-O-Crimp Super I is a versatile machine, ideal for the shop, factory, construction and mine locations. Either bench- or cabinet-mounted, the T-420-1 crimps hose from 3/16" fiber

braid through 1-1/4" two-wire hose, up to 1-1/4" four- and six-spiral. T-421U two-stage pump sold separately.

Weight: 210 lbs.

Size: 22" high, 20-1/2" deep, 10" wide

Collets



The two-piece caged style fits easily into the palm of the hand for quick and easy transfer of collets. The eight-segment design creates a full 360° crimp and features a replaceable cage.

The larger 1-1/2" and 2" size collets are vulcanized (no cage) for easier handling.

Pumps

T-460-2 Hand Pump



For use with: T-450-1, T-460, T-465
Weight: 4.5 lbs.
Size: 5-5/8" high, 13-1/4" long, 3-3/4" wide
Pressure: 10,000 psi

T-403-2 Hand Pump



For use with: T-400-1
Weight: 9 lbs.
Size: 7" high, 21" long, 4-3/4" long
Pressure: 4,000 - 4,200 psi

T-480-2 TWO-Stage Hand Pump



For use with: T-480
Weight: 9 lbs.
Size: 7" high, 21" long, 4-3/4" wide
Pressure: 10,000 psi

T-402-2 Air/Hydraulic Pump



For use with: T-400-1
Weight: 18 lbs.
Size: 5-1/4" high, 12-1/2" deep, 5" wide
Pressure: 4,000 - 4,200 psi

T-480-3 Turbo Air/Hydraulic Pump



For use with: T-480
Weight: 16.5 lbs.
Size: 8-1/4" high, 12-3/8" deep, 8" wide
Pressure: 10,000 psi

T-482-2 Air/Hydraulic Pump



For use with: T-480
Weight: 12 lbs.
Size: 5-1/2" high, 14-5/8" deep, 5-5/8" wide
Pressure: 10,000 psi

Pumps

T-412 Mobile Electric Pump



For use with: T-400-1

Weight: 65 lbs.

Size: 7-1/2" high, 14-1/2" deep, 9" wide

Pressure: 4,000 - 4,200 psi

T-421U 220V Electric Pump



For use with: T-400-1, T-420-1

Weight: 75 lbs.

Size: 7-1/2" high, 22" long, 10" wide

Pressure: 4,000 - 4,200 psi

T-441 220V Electric Pump



For use with: T-440-1

Weight: 75 lbs.

Size: 7-1/2" high, 10" wide, 22" long

Pressure: 5,000 psi

T-433-1 Foot Switch



For use with: T-407 Production System

T-481-110 110V Volt Pump



For use with: T-480

Weight: 32 lbs.

Size: 14-1/4" high, 9-5/8" deep, 9-5/8" wide

Pressure: 10,000 psi

T-433 Two-Stage Piston Pump



Includes hydraulic filter system with 2 gallon capacity.

For use with: T-407 Production System

Weight: 127 lbs.

Size: 22" high, 15" wide, 12" long

Pressure: 4,000 psi

Portable Units

T-480 Portable Coll-O-Crimp



The NEW T-480 Six-Spiral Portable Coll-O-Crimp is versatile by design. The T-480 efficiently crimps hose from 3/16" fiber braid up to 1-1/4" six-spiral (H470). Available in a choice of four models. The low-current electric pump model (T-480-EP) can be run from a portable welder or light-duty portable generator for maximum versatility.

- T-480-HP Hydraulic Hand Pump
- T-480-AH Air/Hydraulic Pump
- T-480-TA Turbo Air/Hydraulic Pump
- T-480-EP 110V Low-Current Electric Pump

Weight: approx. 102 lbs.
Size (press only): 22-1/2" high, 14" deep, 10-1/2" wide

T-465 Portable Coll-O-Crimp



Completely portable, the T-465-1 hose assembly system is hand-pump powered, so NO ELECTRIC POWER SOURCE IS NEEDED. Lightweight and vise-mounted, the T-465-1 crimps hose from 3/16" fiber braid through 1-1/4" two-wire.

- T-465-HP Hand Pump

- T-465-HPU Hand Pump, U-Series Collets
- T-465-HP80 Hand Pump with T-80 Cut-Off Saw
- T-465-HPU80 Hand Pump, U-Series Collets with T-80 Cut-Off Saw

Weight: 31 lbs.
Size: 12-1/2" high, 5-1/2" deep, 8-1/2" wide

T-462 Portable Coll-O-Crimp



The T-462 features an air/hydraulic pump, making it the ideal system for facilities with compressed air available in the field via a portable compressor. The T-462 has a freestanding base, transport handle and a press with a 45°

swivel angle. The T-462 offers crimping capabilities of 3/16" fiber braid through 1-1/4" two-wire hose.

Weight: 60 lbs.
Size: 15" high, 11-1/4" deep, 14" wide

T-460 Portable Coll-O-Crimp



The report from the field is that the tough-duty T-460 Coll-O-Crimp portable press sets the standard of quality for the industry. With crimping capabilities from 3/16" fiber braid through 1-1/4" two-wire hose, the T-460 features a freestanding base, transport handle and a press

with a 45° swivel angle for ease in building hose assemblies. NO ELECTRIC POWER SOURCE NEEDED; T-460-2 hand-pump included.

Weight: 52 lbs.
Size: 15" high, 11-1/4" deep, 14" wide

T-400-17 Shop Press Tooling Kit



Make factory-type Weatherhead hydraulic hose assemblies on your 25-ton shop press. The T-400-17 kit includes one each of the following:

- T-400-2C** 'U' Series Collet - 1/4"
- T-400-3C** 'U' Series Collet - 3/8"
- T-400-4C** 'U' Series Collet - 1/2"

- T-400-5C** 'U' Series Collet - 3/4"
- T-400-6C** 'U' Series Collet - 1"
- T-400-8** Die Ring - 3/16" to 1-1/4"
- T-400-10** Space Ring - Black
- T-400-11** Space Ring - Silver
- T-400-17P** Pusher
- T-400-D** Spacer Ring Decal
- T-400-MSP** Instructional Kit

Hose Cutting Equipment

T-80 Hand Powered Cutter



Portable! Efficient! Economical! And, no outside power source needed. Make quick, clean cuts through all braid hose up to 1" I.D. two-wire.

The ideal companion for Portable Coll-O-Crimp machines. Completely portable hose assembly capability – only from Weatherhead.

Weight: 16 lbs.

T-10C Hose Cutting Machine



The T-10C ensures quick, clean, right angle cuts for easier hose assembly. No more frayed, ragged cut ends – a likely cause of premature hose failure.

- 10V, standard
- 110V/208V/230V, single-phase (specify voltage when ordering)

Weight: 85 lbs.

T-76-1, T-76 Hose Cutting Machine



Built for heavy duty, the T-76-1 and T-76 easily handle all two-wire braid and multi-spiral hose through 2" I.D. The carborundum cutting blade produces clean and quick right angle cuts.

- T-76 230V, standard
- T-76 230/460V, three-phase (specify voltage when ordering)

Weight: approx. 150 lbs.

- T-76-1 220V, single-phase

T-9-1, T-9-3 Hose Cutting Machine



The T-9-1 and T-9-3 can cut multi-spiral and braided wire-reinforced hose through 2" I.D. The perfect companion for the T-410 Coll-O-Crimp machine.

- T-9-1 230V, single-phase
- T-9-3 230V, three-phase

Weight: approx. 255 lbs.

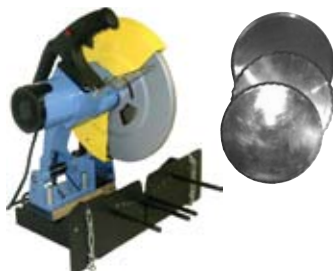
T-60A Portable Cutter



An excellent all-around cutting machine, the T-60 is a portable power saw that cuts all hoses, including wire-reinforced. Includes three 14" diameter abrasive blades.

- 110/115V, single-phase
- Weight:** 45 lbs.

T-70 Saw



This cutting machine easily handles all one and two braided wire hose through 4" I.D., up to 2" I.D. 4-spiral and up to 1-1/2" I.D. 6-multispiral reinforced hose. That makes this machine ideal for cutting most hydraulic and pneumatic hoses as well as a variety of industrial fluid transfer hoses.

2- wire braid and through 2" 4-spiral hose. The scalloped toothed blade is for cutting industrial transfer hoses through 4" and the smooth beveled blade for cutting hose with a wire braid cover. T-70 includes a scalloped blade.

- 110/115 volts, single phase

Weight: Approx. 65 lbs.

The T-70 uses a 14" cutting blade for cutting all 1- and

Hose Cutting Equipment

Hose Cutting and Skiving Wheels



CATALOG NUMBER	TYPE	BLADE DIA.	HOLE DIA.	MACHINE USED ON
Cutting Wheels				
T-1042	Carborundum	8"	5/8"	T-10A
T-1047	Steel Smooth	7"	5/8"	T-10B & T-10C
T-1047-1	Steel Scalloped	7"	5/8"	T-10B & T-10C
T-1060	Carborundum	12"	1"	T-60
T-1060A	Carborundum	14"	1"	T-60A
T-1070	Steel Scalloped	14"	1"	T-70
T-1071	Steel Scalloped Toothed	14"	1"	T-70
T-1072	Steel Smooth Beveled	14"	1"	T-70
T-75-11	Steel Smooth	10"	3/4"	T-9/T-75
T-75-14	Steel Scalloped	10"	3/4"	T-9/T-75
T-75-17	Carborundum	10"	3/4"	T-9/T-75
Skiving Wheels				
T-75-12	Wire	8"	1"	T-75
Belts				
T-76-B	Reinforced	1"		Old T-76/T-76-1

Eaton
Hydraulics Operations USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.hydraulics.eaton.com

Eaton
Hydraulics Operations Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Operations Asia Pacific
11th Floor Hong Kong New
World Tower
300 Huaihai Zhong Road
Shanghai 200021
China
Tel: 86-21-6387-9988
Fax: 86-21-6335-3912



© 2007 Eaton Corporation
All Rights Reserved
Printed in USA
Document No. W-HOAS-MR002-E
Supersedes M-HOAS-MR001-E
September 2007