



# In the shop or in the field, Gates has a crimper for every job.



**MobileCrimp® 4-20**

- The latest in high tech crimping.
- Portable and lightweight – only 57 pounds.
- Powerful enough to crimp up to 1-1/4" I.D. four spiral-wire hose.
- Great for jobs in the field.
- Two control options for versatility:
  - Digital dial accuracy for precise, consistent crimping.
  - Positive stop for ease of repeatability.

**Power Crimp® 707**

- The most precise, yet simplest crimper made.
- The first crimper with electronic digital readout to indicate crimp diameter setting.
- Crimps low pressure return lines to high pressure spiral hoses, from 3/16" to 1-1/4" I.D. four-spiral wire.
- Crimps straight and bent tube couplings, plus 45° and 90° block types.
- Swage capable.



**Power Crimp® 3000B**

- Designed to withstand the punishment of continued use.
- Ram can exert a hydraulic force in excess of 125 tons.
- Crimp all Gates hydraulic hose types 3/16" through 2" I.D. including six spiral-wire hose.
- Automatic limit switch gives push button convenience.

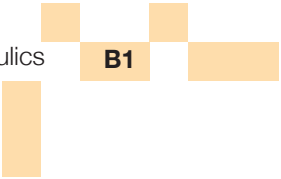
**GC32-XD® Crimper**

- Crimps every hose and coupling in the Gates hydraulic catalog, including 2-1/2" Global MegaVac® return lines.
- Accepts electrical input from 208 volts to 260 volts, single phase.
- Twice as fast as the Gates OmniCrimp® 21 crimper, which the GC32-XD is replacing.
- Patented quick change tool enables fast loading and unloading of color-coded, numbered dies.



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C14 COUPLINGS
PCTS THERMO-PLASTIC COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
FIELD ATTACHABLE C5 COUPLINGS
SURELOK AIR BRAKE COUPLINGS
QUICK DISCONNECT COUPLERS
NEW BALL VALVES
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For complete crimper specifications, see the following pages.





# Equipment

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## MobileCrimp® 4-20 Crimper

This lightweight, versatile crimper is powerful enough to crimp up to 1-1/4" four spiral-wire hose. Weighing approximately 57 pounds, this new field crimper combines the latest crimping technology with old-fashioned toughness and durability.

### Features two control options:

#### Digital Dial Control

Just dial in appropriate crimp setting and hold the start button until light comes on and buzzer sounds, then release. Ability to lock-in setting for multiple assemblies. Light and buzzer operate on two "AAA" batteries.

**Product Number:** 7480-0051

#### Positive Stop Control

No settings necessary since color-coded spacer rings control the crimp. Just hold the start button until the ram extends to a fixed "stop" for each crimp, then release. Controlled crimp stroke for ease of repeatability.

**Product Number:** 7480-0050

Non-stock item (made to order)



### Accessories

### Product Number

Crimper-to-Pump Male Quick Disconnect	7252-8831
Crimper-to-Pump Female Quick Disconnect	7252-8830
Carrying Case	7482-1121
Vinyl Cover	7482-1120

## MobileCrimp® 4-20 Die Selection Table

### For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes						
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	—
M2T	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	—
G1	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	MC39
G2	MC21 or MC31	MC22 or MC32	MC33	MC34	MC35	MC37	MC39

### For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes					
	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
EFG6K	MC33	MC33	MC35	MC35	MC37	—
EFG5K	MC33	MC33	MC35	MC35	MC37	—
EFG4K	MC33	MC33	MC35	MC35	MC37	MC39*

\*MGS (G21 series) couplings only.

For other hose and coupling configurations, reference [www.gates.com/ecrimp](http://www.gates.com/ecrimp) or Gates crimp data manual.

## Die Sets (ordered separately)

Die Set	MC21/MC31	MC22/MC32	MC33	MC34	MC35	MC37	MC39
Product No.	7482-1220/1018	7482-1221/1019	7482-1133	7482-1134	7482-1135	7482-1137	7482-1139





# MobileCrimp® 4-20 Power Sources

Wide selection of pumps to match all your power needs.



### Hand Pump

No power source needed. Economical, convenient and portable for use anywhere. Make factory-quality assemblies in the field to minimize downtime.

**Product Number:** 7481-0006  
**Pressure Rating:** 10,000 psi  
**Weight:** 25.6 lbs.

### Shop Air Pump

Works off standard shop air (90 psi). Economical, convenient and versatile for use wherever 90 psi compressed air is available.

**Product Number:** 7481-0002  
**Pressure Rating:** 10,000 psi  
**Weight:** 10 lbs.



### 1/4 HP 12 Volt DC Pump

Mobile operation, runs on standard 12 volt car/truck battery or a 12 volt portable battery pack. Ideal for tough jobs in the field.

**Product Number:** 7481-0037  
**Pressure Rating:** 10,000 psi  
**Weight:** 20.5 lbs.

### 1/4 HP 115 Volt AC Pump

Economical and lightweight for portability.

**Product Number:** 7481-0033  
**Pressure Rating:** 10,000 psi  
**Weight:** 20 lbs.



### 1/2 HP 115 Volt AC Pump

Medium speed. Economical. Recommended for a stationary or mobile application.

**Product Number:** 7481-0034  
**Pressure Rating:** 10,000 psi  
**Weight:** 32 lbs.

### 1-1/2 HP 115 Volt AC Pump

High speed. Recommended for stationary applications only.

**Product Number:** 7481-0035  
**Pressure Rating:** 10,000 psi  
**Weight:** 108 lbs.



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## Power Crimp® 707

Gates Power Crimp 707 is the most precise, yet simplest crimper made. It was the first crimper with electronic digital readout to indicate gauge setting.

The toughest part about using the 707 is pushing a button. It takes just a few seconds to make factory-quality hose assemblies.

Crimps most hydraulic hoses from low pressure return lines to extremely high pressure spirals, from 3/16" to 1-1/4" I.D. Crimps straight and bent tube couplings, plus 45° and 90° block types. Can also be adapted for use as a power swager.



## SPECIFICATIONS

**Product Number:** 7480-0043

Standard PC707 without die sets wired for 115 volts (includes die backup ring and a notched cone).

**Product Number:** 7480-0046

Standard PC707 without die sets wired for 230 volts (includes die backup ring, a notched cone and a no-notched cone).

**Production Rate:** 100 assemblies per hour (using 1/2" I.D. two-wire straight thread assemblies).

**Dimensions:** 13" wide by 12" deep by 26-1/2" high.

**Weight:** 188 lbs.

## Power Crimp® 707 Die Selection Table

### For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes						
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	721 or 731	722 or 732	733	734	735	737	—
M2T	721 or 731	722 or 732	733	734	735	737	—
G1	721 or 731	722 or 732	733	734	735	737	739
G2	721 or 731	722 or 732	733	734	735	737	739

### For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes					
	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
EFG6K	733	733	735	735	737	—
EFG5K	733	733	735	735	737	—
EFG4K	733	733	735	735	737	739

For other hose and coupling configurations, reference [www.gates.com/ecrimp](http://www.gates.com/ecrimp) or Gates crimp data manual.

## Die Sets (ordered separately)

Die Set	721/731	722/732	733	734	735	737*	739*
Product No.	7482-1217/0931	7482-1218/0932	7482-0933	7482-0934	7482-0935	7482-0937	7482-0939

\* Must Use No-Notch Die Cone.

**Die Cones:** No-Notch Product Number: 7482-0297.  
Notched Product Number: 7482-0239.

## Power Crimp® Power Source

The flows of two fixed displacement pumps are combined to deliver a high volume of oil at low pressure for fast transversion.



## SPECIFICATIONS

**Product Number:** 7481-0023  
(115 volt, 30 amp, circuit, 1 h.p., 60 cycles)

**Product Number:** 7481-0028  
(230 volt, 15 amp, 1 h.p., 60 cycles)  
Use only with crimper product number 7480-0046.

**Dimensions:** 12" wide by 25" deep by 12" high.

**Weight:** 70 lbs.

**Maximum Working Pressure:** 4,900 psi.





## Power Crimp® 3000B

Crimp permanent assemblies in hose sizes from 3/16" through 2" I.D. (including six spiral-wire hose) using Gates Power Crimp 3000B.

Power Crimp 3000B is rugged enough to absorb the punishment of continued use. The ram can exert a hydraulic force in excess of 125 tons and can crimp all Gates hydraulic hose types from 3/16" through 2" I.D.

This Gates crimper uses an automatic limit switch to give push-button convenience during the crimping operation—accurately and dependably.

### SPECIFICATIONS

**Product Number:** 7480-0044

**Dimensions:** 10" wide by 10" deep by 25" high

**Weight:** 375 lbs.

**Production Rate:** 209 assemblies per hour (using 1/2" I.D. one-wire braid hose and straight stems with return stroke limiting arm).



## Power Crimp® 3000B Die Selection Table

### For GlobalSpiral™ (G20) Couplings

Hose Type	Hose Sizes					
	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
G6K	33	33	35	35	37	310L
G5K	33	33	35	35	37	310L
C12M	33	33	—	35	37	39

### For MegaCrimp® (G25) Couplings

Hose Type	Hose Sizes						
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	21 or 31	22 or 32	33	34	35	37	—
M2T	21 or 31	22 or 32	33	34	35	37	—
G1	21 or 31	22 or 32	33	34	35	37	39
G2	21 or 31	22 or 32	33	34	35	37	39

### For GSP & GSH Couplings

Hose Type	Hose Sizes	
	1-1/2"	2"
EFG6K	311	—
EFG5K	311	314
EFG3K	311	313
G1H	310(L)	313
G2H	310(L)	312

For other hose and coupling configurations, reference [www.gates.com/ecrimp](http://www.gates.com/ecrimp) or Gates crimp data manual.

## Die Sets (ordered separately)

Die Set	21/31	22/32	33	34	35	37	39
Product No.	7482-1224/6515	7482-1225/6516	7482-6517	7482-6518	7482-6519	7482-6582	7482-7011
Die Set	310L <sup>Ⓞ</sup>	311	312	313	314	32C4	
Product No.	7482-1127	7482-7023	7482-7029	7482-6523	7482-0298	7482-6584	

<sup>Ⓞ</sup>310L supersedes 310 die.

## Power Crimp® 3000B Power Sources

### ELECTRO-HYDRAULIC PUMP SPECIFICATIONS

**All Hydraulic Pumps Pressure Rating:** 11,000 psi

**Product Number:** 7481-0013

440 Volt, 5 amp., 3 H.P., 3-Phase, 60 Cycles  
12-Quart Oil Capacity (20W)

**Product Number:** 7481-0014

230 Volt, 13 amp., 3 H.P., Single Phase,  
60 Cycles, 12-Quart Oil Capacity (20W)

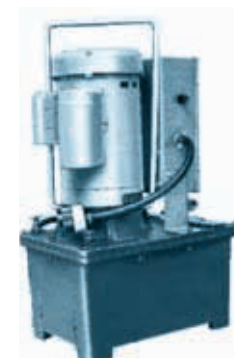
**Different voltage pumps are available on special order.**

**Product Number:** 7481-0016

230 Volt, 10 amp., 3 H.P., 3-Phase,  
60 Cycles, 12-Quart Oil Capacity (20W)

**Product Number:** 7481-0026

115 Volt, 10 amp., 2 H.P., Single Phase,  
60 Cycles, 8-Quart Oil Capacity (20W)



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## GC32-XD<sup>®</sup> Crimper

The new GC32-XD crimper from Gates crimps every hose and coupling in our hydraulics catalog—fast. The open crimper head accommodates any Gates hose construction or coupling configuration, including 2-1/2" Global MegaVac<sup>®</sup> return lines. And it makes them at a rate that's twice as fast as the Gates OmniCrimp<sup>®</sup> 21 crimper, which the GC32-XD is replacing. Internally, the GC32-XD uses a unique cloverleaf\* design that simply produces a better crimp. Unlike standard annular head configurations, Gates exclusive cloverleaf design reinforces the piston so the dies move smoother for more consistent crimps without any taper in the crimp OD.



## SPECIFICATIONS

- Product Number:** 7480-7001
- Dimensions:** 37" high by 23" wide by 19-1/2" deep
- Weight:** 660 lbs.
- Motor:** 5 hp
- Pump:** 2-stage
- Power Source:** 208-264V, 45-65 Hz, 1 or 3 phase and 20 Amps
- Maximum Operating Pressure:** 470 tons
- Stand:** (Optional): 25-1/2" high by 31-3/4" wide by 16-1/2" deep (height adjustable)

\*Patent pending  
Rack and stand sold separately

## GC32-XD<sup>®</sup> Crimper

### For GlobalSpiral<sup>™</sup> (G20) Couplings

Hose Type	Hose Sizes					
	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
G6K	32-33	32-33	32-35	32-35	32-37	32-310L
G5K	32-33	32-33	32-35	32-35	32-37	32-310L
C12M	32-33	32-33	—	32-35	32-37	32-39

### For GSP & GSH Couplings

Hose Type	Hose Sizes	
	1-1/2"	2"
EFG6K	32-311	—
EFG5K	32-311	32-314
EFG3K	32-311	32-313
G1H	32-310(L)	32-313
G2H	32-310(L)	32-312

### For MegaCrimp<sup>®</sup> (G25) Couplings

Hose Type	Hose Sizes						
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"
M3K	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	—
M2T	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	—
G1	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	32-39
G2	32-21 or 32-31	32-22 or 32-32	32-33	32-34	32-35	32-37	32-39

### For LifeGuard<sup>™</sup> Sheathing

1/4"	3/8"	1/2"
32-3234	32-3335	32-3436

For other hose and coupling configurations, reference [www.gates.com/ecrimp](http://www.gates.com/ecrimp) or Gates crimp data manual.

## Die Sets (ordered separately)

Die Set	32-21	32-22	32-31	32-33	32-34	32-35	32-36	32-37
Product No.	7482-7128	7482-7129	7482-7130	7482-7131	7482-7132	7482-7133	7482-7134	7482-7135
Die Set	32-38	32-39	32-310L	32-311	32-312	32-313	32-314	32-40
Product No.	7482-7136	7482-7137	7482-7138	7482-7139	7482-7140	7482-7141	7482-7142	7482-7143
Die Set	32-41	32-42	32-43	32-44	32-46	32-81	32-82	32-83
Product No.	7482-7144	7482-7145	7482-7146	7482-7147	7482-7148	7482-7149	7482-7150	7482-7151
Die Set	32-71	32-72	32-73	32-74	32-75	32-84	32-85	32-86
Product No.	7482-7200	7482-7201	7482-7202	7482-7203	7482-7204	7482-7152	7482-7153	7482-7154
Die Set	32-87	32-331	32-45	32-3234	32-3335	32-3436		
Product No.	7482-7155	7482-7156	7482-7157	7482-1419	7482-1420	7482-1421		





# PolarSeal® Hose Portable Crimper II

**Product Number:** 7480-6599

Gates portable PolarSeal Crimper II is a hand-operated hose crimping machine specifically designed for crimping Gates PolarSeal couplings and is intended for use with Gates PolarSeal refrigerant hose. Standard dies included will crimp 5/16" (-6 Black), 13/32" (-8 Blue), 1/2" (-10 Green) and 5/8" (-12 Clear) sizes.

**Features:**

- Portable hand operation, easy to change over from size to size.
- Heavy-duty construction for use with air impact wrenches.
- Crimps two-braid dimension or nylon barrier hose.
- OE-style bubble crimp.
- Quick-change dies, no tools required to change sizes.
- Lightweight for easy handling, less than six lbs.
- Capable of crimping underhood air conditioning applications.
- Includes four color-coded die sets for crimping two-braid barrier hose.
- Removable die holder accommodates complicated shapes.
- Color-coded, urethane encased dies.
- Unit can be bench-mounted.
- Shipped in a custom carrying case with instructions.
- No electrical requirements.
- Locator flag centers ferrule in dies.



# Hydraulic Hose Reel Rack

This sturdy and convenient rack stores three reels of hose. (Hose not included.)

**Product Number:** 7484-0019

**Dimensions:** 30" deep by 28" wide by 72" high



# Vertical Hydraulic Hose Cabinet

Rack up sales and get organized at the same time with a new 'vertical' hydraulic hose cabinet from Gates.

**Product Number:** 7484-0022

- Six narrow and two wide slots to stock a variety of hydraulic hoses.
- Designed to support one hydraulic coupling cabinet on top for maximum efficiency.
- Optional choice for use as cabinet base with maximum of one four-drawer cabinet.
- Shown with four-drawer cabinet (purchase separately as Product No. 7484-0010).



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