

Bosch

Hydraulic Connections Ltd.

Hydraulic Equipment Assembly and Manufacturing Brochure

Phone 780-413-0904





PC125 Perma Crimper

Description:

The PC125 portable crimper with its open design, removable pusher and easy to use, spring loaded die set, is designed for higher production volume and repetitive use. Crimp diameter is set and controlled with an easy to read micrometer.

The PC125 is packaged for shop service and includes the crimper and 1 HP, 110V electric pump on a common base, compression ring, pressure plate, magnetized die ring pusher, stop/start remote pendant switch, metric micrometer, adjustable coupling stop and adjustable retraction stop.



Features

Easy to read, fully adjustable metric micrometer allows precise setting of crimp diameters to an accuracy of +/- .1mm

Open design with vertical feed for good operator visibility.

Removable pusher and spring loaded die set for easy loading

Magnetized pusher to attach compression ring for repetitive use
35 ton cylinder

Automatic shut off for precise crimps

Adjustable Retraction Stop limits ram retractions for quick repetitive crimps

Adjustable coupling stop for accurate, repetitive positioning of the assembly inside the dies

Two piece, "slide in" die design for easy installation.

Common base for bench mounting

Color coded die sets to speed die selection and set-up

1 HP, 110V pump

Pneumatic activation (no electric wires) of remote pendant switch

Capability:

1/4" through 1 1/4" ID, 2 wire braid hose and 1" ID 4-spiral hose with all coupling end styles including most bent tubes.



Power Source:

1 HP, 110V AC, single phase 50-60 Hz, Electric Pump (PC125/150-E1PUMP) with pneumatic stop/start pendant switch

Oil Capacity: 1 gallon

Mounting: Crimper and pump installed on plate

Dimensions: 20" deep x 11" wide x 19" tall

Weight: 125 lbs

Dies:



Part Number	ID	Part Number	ID
PC125-8.5Black	8.5mm	PC125-27Brown	27mm
PC125-12Black	12mm	PC125-31Silver	31mm
PC125-14Red	14mm	PC125-34Purple	34mm
PC125-16Blue	16mm	PC125-41Orange	41mm
PC125-19Green	19mm	PC125-45Black	45mm
PC125-23Yellow	23mm	PC125-50Black	50mm

Options

PC 125-Skit includes the PC125 crimper and 5 die sets including 16mm, 19mm, 23mm, 31mm, 41mm dies for 1/4" to 1" 1-braid and 2-braid hose.

PC125-Shelf-Black Die Storage Shelf Unit 13" deep x 12.5" wide x 15" high, 12 lbs

Replacement Parts

- PC125-Pusher-Die Ring Pusher with magnets
- PC125-Cring-Compression Ring
- PC125-Pplate-Pressure Plate
- PC125-Cstop-Adjustable Coupling Stop
- PC125-Die Screw-Die Screw
- PC125-Die Spring-Die Spring
- PC125/150-Switch-Pneumatic Start/Stop Pendant Switch for 1 HP Pump
- PC125/150-E1Pump-1 HP 110V Electric Pump
- PC900-Grease-3 oz.-High Pressure grease in a 3 oz. tube
- PC900-Grease-1 lb.-High Pressure grease in a 1 lb. can
- PC900-AerosolLube-High Pressure grease in an aerosol can



PC150 Crimper

Description

The PC150 is a stationary crimper with more power to manufacture factory quality hose assemblies, quickly and easily. Its open design with removable pusher and “slide in” die configuration allows for good visibility and easy loading of dies and hose assemblies. Crimp diameter is set and controlled with an easy to read micrometer.

Designed to handle higher volumes in a shop environment, the PC150-2 includes the crimper and 2 HP pump on a common base, pressure plate, compression ring, die ring pusher, stop/start remote pendant switch, metric micrometer, adjustable coupling stop, adjustable retraction stop and work light.

The optional PC150-1 includes all the components of the PC150-2 and a 1 HP pump.

Features

Easy to read, fully adjustable metric micrometer allows precise setting of crimp diameters to an accuracy of +/- .1mm

Open design with vertical feed for good operator visibility

Removable pusher and spring loaded die set for easy loading
80 ton cylinder

Automatic shut off for precise crimps

Adjustable Retraction Stop limits ram retractions for quick repetitive crimps

Adjustable coupling stop for accurate, repetitive positioning of the assembly inside the dies

Two piece, “slide in” die set for easy installation.

Common base for bench mounting

Color coded die sets to speed die selection and set-up

2 HP, 220V pump

Pneumatic activation (no electric wires) of remote pendant switch

Capability

1/4" through 1 1/2" ID, 2 wire braid hose and 4-spiral hose with all coupling styles and most bent tubes





Power Source

PC150-2: 2 HP 220V AC, single phase, 50-60 Hz Electric Pump
(PC150-E2Pump)

PC150-1: Optional 1 HP 110V AC, single phase, 50-60 Hz Electric Pump (PC125/150-E1Pump)

Oil Capacity: 1 gallon

Mounting: Crimper and pump installed on plate

Dimensions: 32" deep x 16.5" wide x 29" high

Weight: 275 lbs

PC150 Dies:



Part Number	ID	Part Number	ID
PC150-8.5Black	8.5mm	PC150-27Brown	27mm
PC150-12Black	12mm	PC150-31Silver	31mm
PC150-14Red	14mm	PC150-34Purple	34mm
PC150-16Blue	16mm	PC150-41Orange	41mm
PC150-19Green	19mm	PC150-45Black	45mm
PC150-23Yellow	23mm	PC150-50Black	50mm
		PC150-56Black	56mm

Options

PC150-2S kit includes PC150-2 crimper and 7 die sets including 16mm, 19mm, 23mm, 31mm, 41mm, 50mm, 56mm dies for 1/4" to 1 1/2" 1-braid to 4-spiral hose.

PC150-1S kit includes PC150-1 crimper and 7 die sets including 16mm, 19mm, 23mm, 31mm, 41mm, 50mm, 56mm dies for 1/4" to 1 1/2" 1-braid to 4-spiral hose.

PC150-Shelf–Black Die Storage Shelf Unit 15" deep x 20.5" wide x 16" high, 25 lbs

PC150-Spacer–Spacer Kit for Elbows

PC150-1 with 1 HP Pump



Replacement Parts

PC150-Pusher–Die Ring Pusher

PC150-Cring–Compression Ring

PC150-Pplate–Pressure Plate

PC150-Cstop–Adjustable Coupling Stop

PC150-Die Screw–Die Screw

PC150-Die Spring–Die Spring

PC125/150-Switch–Pneumatic Start/Stop Pendant Switch for 1 HP or 2 HP Pump

PC150-E2Pump–2 HP Electric Pump for PC150-2 Crimper

PC125/150-E1Pump–1 HP Electric Pump for PC150-1 Crimper

PC900-Grease-3 oz.–High Pressure grease in a 3 oz. tube

PC900-Grease-1 lb.–High Pressure grease in a 1 lb. can

PC900-AerosolLube–High Pressure grease in an aerosol can



HS-150 Hose Saw

Description:

Designed to cut 1 & 2 braid hydraulic hose up to 1-1/2" ID and up to 1-1/4" 4 Spiral Hose.

Features:

1-HP
Single Phase
60 Hz
115 VAC
3450 RPM w/10" scalloped blade
85 lbs



HS-301 Hose Saw

Description:

Designed to cut 1 & 2 braid hydraulic hose up to 2" ID and up to 1-1/4" 4 or 6 Spiral Hose.

Features:

3-HP
Single Phase
60 Hz
230 VAC
3450 RPM w/12" scalloped blade
150 lbs





HS-501 Hose Saw

Description:

Designed to cut 1 & 2 braid hydraulic hose up to 2" ID and up to 2" 4 or 6 Spiral Hose.

Features:

- 5-HP
- Single Phase
- 60 Hz
- 230 VAC
- 3450 RPM w/12" scalloped blade
- 156 lbs



HS503 Hose Saw

Description:

Designed to cut 1 & 2 braid hydraulic hose up to 2" ID and up to 2" 4 or 6 Spiral Hose.

Features:

- 5-HP
- Three Phase
- 60 Hz
- 230 VAC
- 3450 RPM w/12" scalloped blade
- 156 lbs





Stackable Storage Cabinet

Stackable 12" Deep Cabinets
 Optional Base provides 8 inches more height for comfortable access to lower shelves
 Stackable up to 3 units high
 Combined capacity not to exceed 200 lbs.



WIDTH INCHES	35
DEPTH INCHES	11
HEIGHT INCHES	22 (55.88 cm)
CAPACITY	120
CAPACITY LBS	120 (54.55 kg)
COLOR FINISH	Charcoal Gray
ASSEMBLY	All Welded
CONSTRUCTION	Steel
DRAWER COLOR	Blue
DRAWER QUANTITY	24
DRAWER SIZE	(24) B
WEIGHT LBS	64.00 (29.09 kg)

Base Stand for Stacking Cabinets



WIDTH INCHES	35-1/4 (89.54 cm)
DEPTH INCHES	17-1/4 (43.82 cm)
HEIGHT INCHES	8 (20.32 cm)
CAPACITY	200
CAPACITY LBS	200 (90.91 kg)
COLOR FINISH	Charcoal Gray
CONSTRUCTION	Steel
PACKAGE QUANTITY	1
WEIGHT LBS	21.00 (9.55 kg)



Storage Bin - 40 Openings

This bin features an all welded, prime cold rolled steel construction and the bin is painted in a durable gray powder coat finish.

The 1-1/8" bin fronts are fully hemmed to display labels and retain parts, the sides are roll-formed for increased strength and stability, the dividers are ribbed and hemmed for added strength. These bins are modular with most 9" deep bins and drawer cabinets; mounting holes are located in both the top and bottom. This bin ships fully assembled and optional door, base, and bin labels are available.



WIDTH INCHES	33-3/4 (85.73 cm)
DEPTH INCHES	8-1/2 (21.59 cm)
HEIGHT INCHES	22-1/4 (56.52 cm)
COLOR FINISH	Gray
DESCRIPTION	One-Piece Fixed Parts Bin
OPENINGS	40

Storage Bin - 72 Openings

This bin features an all welded, prime cold rolled steel construction and the bin is painted in a durable gray powder coat finish.

The 1-1/8" bin fronts are fully hemmed to display labels and retain parts, the sides are roll-formed for increased strength and stability, the dividers are ribbed and hemmed for added strength. These bins are modular with most 9" deep bins and drawer cabinets; mounting holes are located in both the top and bottom. This bin ships fully assembled and optional door, base, and bin labels are available.



WIDTH INCHES	33-3/4 (85.73 cm)
DEPTH INCHES	8-1/2 (21.59 cm)
HEIGHT INCHES	42 (106.68 cm)
COLOR FINISH	Gray
BRAND	Durham Manufacturing
DESCRIPTION	One-Piece Fixed Parts Bin
MANUFACTURERS PART NUMBER	350-95
OPENINGS	72



Bin Storage Cabinets - 38" Wide
Ready to Assemble

Style A - All bins in interior and doors

These ready-to-assemble storage cabinets have a heavy 16 gauge steel construction for secure, dust-free storage. Cabinets have leveling feet, withstand 250°F and have a gray powder coat finish. Reinforced 4" deep box style doors swing a full 270° on heavy-duty hinges and close with locking handles and a cut resistant padlock hasp.

Premium, break-resistant polypropylene bins with hopper openings easily attach and detach from louvered insets. Product



Bin Cabinet Style

- Style
- Style A
- Style B
- Style C
- Style D

Description

- All bins in interior and
- A combination of bins and
- Shelving only in interior
- Shelving only in interior and

Bin Size Reference

Bins	W"	D"	H"
A	4-1/8	5-3/8	3
B	4-1/8	7-3/8	3
C	5-1/2	10-7/8	5
D	8-1/4	14-3/4	7
E	16-1/2	14-3/4	7

Product Specifications	
WIDTH INCHES	38 (96.52 cm)
DEPTH INCHES	24 (60.96 cm)
HEIGHT INCHES	72 (182.88 cm)
ASSEMBLY	Unassembled
BIN COLOR	Blue
BIN CONSTRUCTION	Plastic
BIN QUANTITY	136
BIN QUANTITY (BIN SIZE)	48(A), 48(B), 24(C), 16(D)
COLOR FINISH	Gray
CONSTRUCTION	Steel
DOOR TYPE	Deep Pocket
SHELF CAPACITY LBS	800 (363.64 kg)
WEIGHT LBS	417 (189.55 kg)



**High Capacity Reel Rack
120"H Starter Unit**

Adjustable for up to 60" diameter reels.
Axle brackets accommodate up to 2" diameter axles for 2000 lb. capacity per pair.
Safety pins lock axle brackets and cross beams to upright frames.
Durable 12 gauge steel upright frames measure 3-1/2"W x 3"D.
10 gauge steel axle brackets.
Lapped and welded beams have three hooks for positive connection.
Cross beams and brackets adjust on 3" centers.
Reel rack includes 2 upright frames with built-in brace set, 2 pairs of cross beams, 4 pairs of axle brackets.
Rack should be secured to floor.
Gray powder coat finish. Easy assembly.



WIDTH INCHES	48 (121.92 cm)
DEPTH INCHES	36 (91.44 cm)
HEIGHT INCHES	120 (304.8 cm)
ASSEMBLY	Unassembled
CONSTRUCTION	Steel

Reel Rack Axel Kit

Includes two 1" and two 1-7/8" diameter axles.



LENGTH INCHES	48 (121.92 cm)
DESCRIPTION	Two 1" & Two 1-7/8" outside diameter axles



Reel Rack Axle Bracket Kit

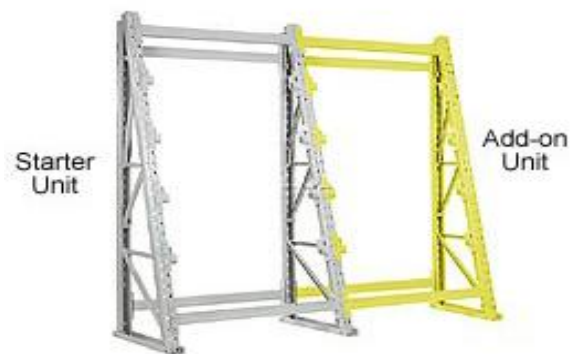
Includes four pairs of brackets.

LENGTH INCHES	4
WIDTH INCHES	4 1/8
HEIGHT INCHES	9 3/4
CAPACITY LBS	2000 per pair
COLOR FINISH	Gray
CONSTRUCTION	Steel
WEIGHT LBS	2
PACKAGE QUANTITY	4 pair



High Capacity Reel Rack 120"H Add On Unit

Extend your reel rack for additional storage.
Consists of 1 frame, brace set, and 4 pairs of axle brackets. Rack should be secured to floor. Easy assembly.





FOLDING ASSEMBLY BENCH

Space efficient designs, fold and put away when not in use. Heavy-duty one piece 13-gauge steel top, channel formed on 4 sides for superior strength.

Welded tubular steel legs telescope to adjust height. Steel angle bracing adds stability and rigidity. Durable gray enamel finish. Assembles easily.



WIDTH INCHES	96 (243.84 cm)
DEPTH INCHES	28 (71.12 cm)
HEIGHT INCHES	28 to 42
CAPACITY LBS	1000 (454.55 kg)
COLOR FINISH	Gray
ASSEMBLY	Unassembled
LEG TYPE	Adjustable
CONSTRUCTION	Steel
TOP CONSTRUCTION	Steel Square Edge
WEIGHT LBS	200 (90.91 kg)

Ultra Clean Starter Kit

This starter kit is for cleaning applications up to 1¼" ID. It is an ideal kit for mobile applications or for the occasional user. The kit was designed as an economical cleaning solution for handling most of the applications that are encountered every day.

A carrying case for easy storage of hardware and a catcher bucket for maintaining job site cleanliness are both included in this kit.

The kit comes standard with hose nozzles for cleaning hose and pipe. But tube and fitting nozzles are also available for expanding the range of applications.

