



## CUSTOM MACHINING SERVICES, INC.

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**VAL POWER**  
FLUID POWER EQUIPMENT

# PRODUCT INFORMATION BULLETIN

## PIB #CC03-01

Custom Machining is pleased to release the first Product Information Bulletin (PIB). These Bulletins will address product features, design improvements, and new releases from Custom Crimp. This first Bulletin will focus on improvements made to our line of crimpers over the last several months. In the future, new Bulletins will be issued as products are developed.

### Val Power Pump Improvements

- The design of the unloading block on all Val Power pumps has been improved. Exhaust oil now shoots downward inside tank instead of against the side of the reservoir, providing the following benefits:
  - Reduces amount of oil leaking through vent plug
  - Improves cylinder performance by preventing air from entering hydraulic lines
  - Quieter pump operation

### D105 Improvements

- Pressure plate opening on D105 crimper has been enlarged to 2.320" dia. to allow crimping of even larger 1 1/4" fittings without sacrificing performance.

### D205/D206 Improvements

- Like the D105 machine, the pressure plate opening for the D205 & D206 crimpers has been enlarged to 2.825" dia. for even larger 1 1/2" fittings without sacrificing performance.
- An anti-rotation pin has been added to the crimping head to keep the pusher aligned. This will prevent instances where the pusher could spin around and fall out the back of the crimper.
- A new spacer plate is now offered for the D205/D206 crimper for use with extra long elbow fittings. This spacer plate adds exactly 1" between the pusher and compression cone to allow for extra fitting clearance. (P/N: D200-1-SPACER-KIT)

### D105/D205/D206 Features

- The most noticeable new feature is the work light that is being added to the D105, D205, and D206 machines. Extra light will aid the operator in lining up the dies and fittings to ensure an accurate crimp. The lights will be securely mounted to the crimpers during assembly and wired directly into the electrical box. The D105 & D206 machines will be supplied with a 110VAC bulb, and the D205 will be supplied with a 220VAC bulb so that the bulb and machine voltage match. Lights will be included as a standard feature starting sometime in January of 2004, along with a nominal price increase. (Crimpers without lights will still be offered for situations where a light is not desired.)

### **CC4-50 Release**

- The newest addition to the Custom Crimp product line is the CC4-50 crimper. The CC4-50 features the same style AccuCrimp controller and crimping head as the CC38 & CC60 machines. The CC4-50 is the most powerful crimper yet, with 340 tons of crimping force! This is even more power than the CC4280 & CC4320 floor-standing models! This CC4-50 crimper will handle some of the most demanding applications while remaining in a nice compact package.

### **D305 Development**

- The D305 model is the answer for those requiring a 2" production crimper that is extremely easy to operate. This machine is intended to be a replacement for Dayco's popular NP100 crimper. This crimper will be supplied with a Val Power pump and crimper stand/die shelf as one complete unit. It will offer a pendant switch or foot pedal control for cylinder advance/retract operation. The D305 will also utilize the same dies as the NP100. This machine is well into the development stages; look for its release in early 2004.

As new features are added/developed, more Product Information Bulletins will be issued to keep our customers informed. As always, feel free to contact Custom Machining with any questions/concerns raised in this Bulletin or otherwise. Please also refer to the website at [www.CustomCrimp.com](http://www.CustomCrimp.com) for more information and to keep updated on further developments. Your comments/feedback are always welcome as we continue to provide solutions for all of your hose crimping requirements.

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