

DANIELS XHD51 HYDRAULIC CRIMP HEAD

DMC DANIELS
MANUFACTURING
CORPORATION
DATASHEET

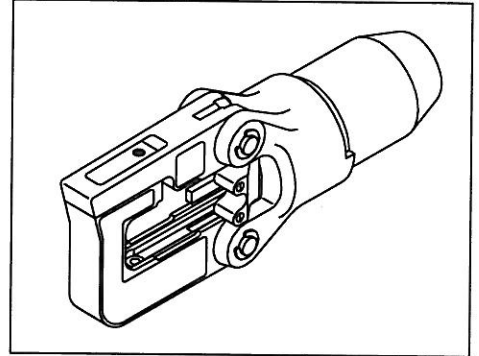
SEE PAGE 2 FOR IMPORTANT INFORMATION CONCERNING
LIMITED WARRANTY, AND LIMITATION OF LIABILITY.

INTRODUCTION

This datasheet covers the proper use of the XHD51 hydraulic crimp head. Read the information contained herein carefully before using the tool.

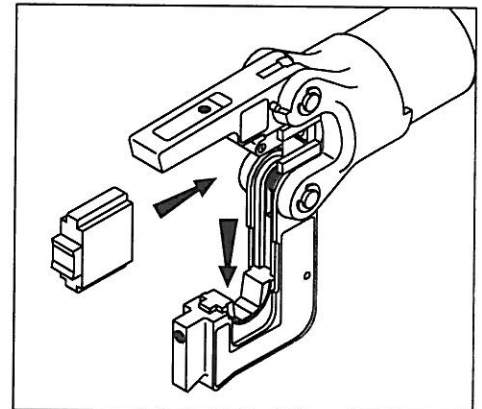
DESCRIPTION

The crimp head is operated by using one of the Daniels HPU1*M hydraulic power units. See the separate datasheet provided with the power unit for more specific operating instructions. The XHD51 has a force output of 5.5 tons and weighs 3.8lb.



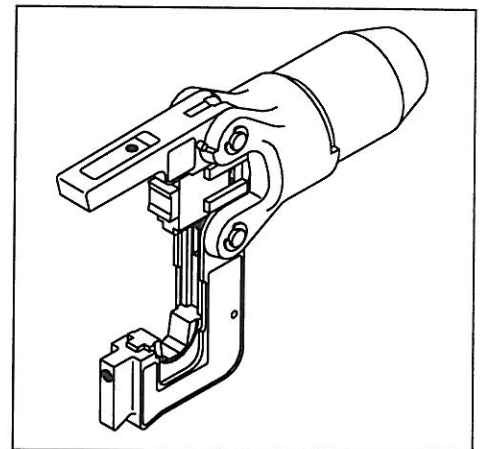
SELECTION OF CRIMPING DIE

Determine proper crimping die set to be used for the crimp. Consult the factory for standard die sets. Custom die sets can be designed by DMC for almost any application.



OPERATING PROCEDURES

1. Open the head and insert the crimping dies. The head assembly has two slots to slide the dies in and out safely.



2. Lock the head over the connector and operate the HPU1*M power unit to start the flow of hydraulic fluid into the system.

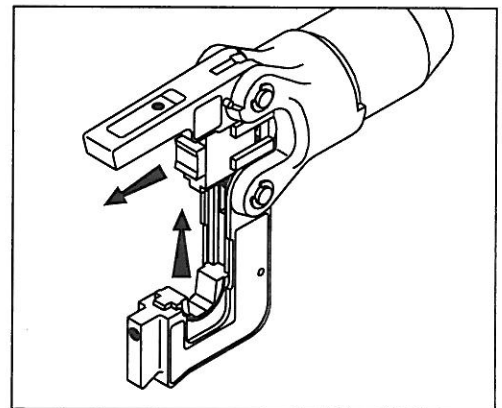
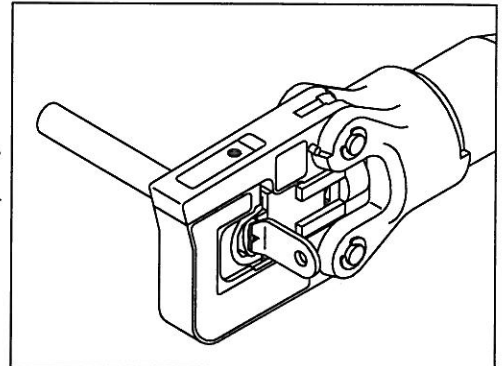
Continue operating the power unit until the gage on the power unit reads 10,000 psi. DO NOT release the pressure in the system until 10,000 psi is reached, EXCEPT in cases of emergency. Crimping with less than 10,000 psi will result in insufficient compression, and produce bad crimps.

The manual and air driven power units will hold pressure until they are released.

Operate the power unit to release pressure and retract the cylinder.

The battery and electric driven power units automatically retract when 10,000psi is achieved.

3. To remove the dies, open the head and remove dies by sliding along the slot.



LIMITATION OF LIABILITY

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