

Hydrac Hydraulic 5.5 Ton Crimping Tool for HD51 Dies



HD51 Medium Duty Hydraulic Crimper is the most popular hand operated hydraulic crimper. The **HD51** is still lightweight at 4.6 pounds, but the 5.5 tons of die force and the larger die configuration extends the range of crimping capabilities to 2/0 AWG conductors in many applications. The **HD51** Hydraulic Crimper utilizes rugged construction, lightweight materials, and comfortable handle grips for the best ergonomic advantage. The number of handle closures required to complete the crimp is reduced by the larger and more efficient hydraulic pump system. Other features are the following:

- Length: 14 inches (356 mm)
- Weight 4.6 pounds (2.08kg)
- Crimp force: 5.5 tons (48.93kN)
- Automatic relief valve to prevent over-compression
- Release lever for relaxing crimp pressure and opening dies
- 180° rotating head for ease in confined work areas.
- WIRE RANGE: (HD51 and XHD51 Models):
 - #12 to #2/0 AWG in many power applications,
 - .700 (17.78mm) in coaxial hexagonal crimping.



XHD51 Remote Hydraulic Crimp Head is a preferred solution for high yield applications on production lines and maintenance rework centers. A pumping system provides the hydraulic power to the remote crimping head, and the crimp head can be mounted in a stationary position, or used as a hand-held tool.

Other specifications that apply to the **XHD51** are the following:

- Length: 7.1 inches (180.3mm)
- Weight 3.85 pounds (1.74kg)
- Crimp force: 5.5 tons (48.93kN)

DMC offers several pump options that offer economical, efficient, reliable methods to power crimp applications requiring 10,000 psi. The powered pumps are: an AC electric pump (p/n **HPU14M** & **HPU14M-230**), and a pneumatic powered pump (p/n **HPU11M**). Two portable manual pumps: a hand pump (p/n **HPU12M**) and a foot pump (p/n **HPU15M**). All pumps come with a heavy duty, ten-foot long hose and couplings (equipped with screw on MS fittings and dust covers) to complete the connection between pump and crimper (p/n **12-4040**).



HPU12M



HPU15M

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Die P/N	Application (Dimensions in Inches)	Crimp Configuration	Gage
HD51-101	.325 / .216 Hexes	Hex	
HD51-105	#8 Insulated Terminals	Crescent	G682
HD51-106	#6 Insulated Terminals	Crescent	G683
HD51-107	#4 Insulated Terminals	Crescent	G684
HD51-110	.530 Hex	Hex	
HD51-112	.440 / .538 Hexes	Hex	
HD51-113	#2 Insulated Terminals	Crescent	G801
HD51-114N	#8 Uninsulated Terminals	Single Indent	G1150
HD51-115N	#6 Uninsulated Terminals	Single Indent	G1151
HD51-116N	#4 Uninsulated Terminals	Single Indent	G1152
HD51-117N	#2 Uninsulated Terminals	Single Indent	G1153
HD51-118N	#8 Uninsulated Terminals	Double Indent	G1150
HD51-119N	#6 Uninsulated Terminals	Double Indent	G1151
HD51-120N	#4 Uninsulated Terminals	Double Indent	G1152
HD51-121N	#2 Uninsulated Terminals	Double Indent	G1153
HD51-122N	#1/0 Uninsulated Terminals	Single Indent	G1154
HD51-123N	#1/0 Uninsulated Terminals	Double Indent	G1154
HD51-124N	#2/0 Uninsulated Terminals	Double Indent	G1155
HD51-125N	#2/0 Uninsulated Terminals	Single Indent	G1155
HD51-127	.445 / .395 Hexes	Hex	
HD51-130-1	#2 - #8 Uninsulated - Needs HD51-131-2 or HD51-132-2	Single Indent	
HD51-131-2	#2 & #8 Uninsulated - Needs HD51-130-1	(FEMALE)	G744 & G747
HD51-132-2	#4 & #6 Uninsulated - Needs HD51-130-1	(FEMALE)	G745 & G746
HD51-133-2	#2 & #8 Insulated Needs HD51-113-1 for #2 & HD51-105-1 for #8	(FEMALE)	G801 (#2) G682 (#8)
HD51-134-2	#4 & #6 Insulated Needs HD51-106-1 for #6 & HD51-107-1 for #4	(FEMALE)	G683 (#6) G684 (#4)
HD51-138	#2 Uninsulated .377 Hex, MS90485-2 Equiv.	Hex	G833
HD51-139	.587 Hex	Hex	
HD51-140	.956 & .500 HEX	Hex	
HD51-144	.130 Hex	Hex	
HD51-148	.216 Hex	Hex	
HD51-149	.660 Hex	Hex	
HD51-150	AB Twinax Pin & Socket Contacts		
HD51-152	Packard Hughes .437 Ferrules		
HD51-154	MS25036 #1, MS23002-1 Equiv.		G726
HD51-157	#10 Flag Terminal		
HD51-159	#2 AWG Insulated	Elongated Hex	
HD51-160	#2 Uninsulated For Aluminum Wire	Crescent	
HD51-162	.218 HEX	Hex	
HD51-163	#8 AWG Uninsulated, .210 HEX	Hex	G720
HD51-164	#6 AWG Uninsulated, .240 HEX	Hex	G721
HD51-165	#4 AWG Uninsulated, .299 HEX	Hex	G722
HD51-166	#1 AWG Uninsulated, .417 HEX	Hex	G834
HD51-167	#1/0 AWG Uninsulated, .456 HEX	Hex	G835
HD51-168	#2/0 AWG Uninsulated, .500 HEX	Hex	G836

