

# HDE37B BATTERY POWERED CRIMP TOOL



## DESCRIPTION

The HDE37B Battery Powered Crimp Tool is a hand held, self-contained crimp tool intended to crimp copper and aluminum cable #8 to #2 AWG with DMC "Y" Dies (M22520/5-XX and others).



Typical "Y" Die Set

Hexagonal crimp dies are available in a variety of combinations having single, double, and even triple cavity design. These dies accommodate most coaxial and shielded connectors and contacts conforming to MIL-PRF-39012, AS39029, and numerous proprietary configurations.

Dies in various crimp patterns are also available for insulated and uninsulated terminal lugs, wire splices and end caps relating to AS7928, MS17143, MS25036, MS25181, MS27429, MS25274, MS20659, M81824, MS21003 through MS21015, and commercial part numbers. Several power contacts too large for conventional hand tools are also covered by interchangeable dies for the HDE37B.

If your application requirement is not already covered by one of our standard dies, our engineering department will be pleased to discuss a design to suit your needs, consult DMC for details.

The HDE37B meets the requirements of RoHS Directive 2002/95/EC.

## FEATURES

- Ergonomic design allows one-handed operation
- Die automatically opens when crimp is complete
- Die can be retracted in mid-cycle to adjust connector
- Head rotates 350 degrees
- Red LED to display the current status of the unit

## CRIMP CAPACITIES

- #8 to #2 AWG
- up to .500 (12.7mm) Coaxial
- Max. Crimp Force: 4 Tons  
(35.6 kN)
- Avg. Crimp Time: 3 seconds
- Avg. Crimps per Charge: 100

## SPECIFICATIONS

- Length: 13.25" (356 mm)
- Width: 2.87" (72.9 mm)
- Depth: 4.5" (114.3 mm)
- Weight (with battery): 2.8 lb (1.3 kg)
- Sound Level: 75 db(A) at 1 meter
- Vibration: <math>8.2 \text{ ft/s}^2</math> (2.5 m/s<sup>2</sup>)
- Hydraulic Oil: Shell Tellus® T-15

**TOOL INCLUDES:** Carrying Case, Two 18v Batteries, One Battery Charger.



## BATTERY (P/N: HDE-LI-B)

- Charging Voltage: 18 VDC
- Charging Time: 15 minutes
- 2 batteries included with each new tool

## BATTERY CHARGER (P/N: HDE-LI-120C)

- Input Voltage: 120 VAC, 50-60 Hz  
(240 VAC, 50-60 Hz P/N HDE-LI-230C)
- Output Voltage: 7.2-18 VDC, 1.5 A
- Trickle Charge Feature
- Weight: 2.2 lb (1 kg)

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Typical "Y" Die Sets

LARGE GAGE INSULATED TERMINALS MS25036				
AWG SIZE	DMC TOOL P/N	DIE P/N	CRIMP HEIGHT	GAGE
#8-RED	HDE37B	Y673H	0.17"	G682
#6-BLUE	HDE37B	Y674H	0.202"	G683
#4-YELLOW	HDE37B	Y676H	0.254"	G684
#2-RED	HDE37B	Y833H	0.312"	G801

LARGE GAGE UNINSULATED TERMINALS MS20659					
AWG SIZE	DMC TOOL P/N	DIE P/N	CRIMP HEIGHT	INDENT	GAGE
#8-RED	HDE37B	Y844HN	0.135"	SGL	G744
#8-RED	HDE37B	Y845HN	0.135"	DBL	G744
#6-BLUE	HDE37B	Y846HN	0.176"	SGL	G745
#6-BLUE	HDE37B	Y847HN	0.176"	DBL	G745
#4-YELLOW	HDE37B	Y848HN	0.206"	SGL	G746
#4-YELLOW	HDE37B	Y849HN	0.206"	DBL	G746
#2-RED	HDE37B	Y850HN	0.265"	SGL	G747
#2-RED	HDE37B	Y851HN	0.265"	DBL	G747

HEX DIES				
AWG SIZE	DMC TOOL P/N	DIE P/N	CRIMP HEIGHT	GAGE
0.202" Hex Crimp	HDE37B	Y870H	0.202"	G724