

FEATURES AND SPECIFICATIONS



TM-4000™ Universal Crimp Press Shut Height - 135.80mm (5.346")

The TM-4000™ Universal Crimp Press is the only industry-standard, bench-top press on the market that terminates large lug products up to 4 AWG, resulting in lower overall applied costs

The Molex TM-4000 Universal Crimp Press provides an effective method of applying a wide range of side- and rear-feed terminals to heavy-gauge wires. The TM-4000 press is an inexpensive, electrically controlled, direct-drive press designed for mid-volume, semi-automatic bench-top operations.

The industry standard TM-4000 Universal Crimp Press will accept the most common industry-standard applicators in the market place. In addition, this crimp press accepts any Molex applicator, including air-feed applicators that process terminals mounted on Mylar® tape. This flexibility reduces tooling costs and provides production flexibility.

Features and Benefits

- Provides 3.5 tons (31 kN) of crimp force for tape-mounted terminals up to 4 AWG which lowers customer's overall applied costs
- Accepts Molex FineAdjust™ and Mini-Mac™ applicators with side and rear feeds; accepts most industry-standard applicators which reduces tooling costs and provides production flexibility and increases customer quality results through the use of a consistent machine
- Can be used with Molex Tape Module (64016-2000) allowing for use of current ATP-201 and ATP-301 die sets in an industry-standard press to minimize customers existing tooling investment
- Direct-drive, split-cycle press accepts Molex air-feed applicators for tape-mounted terminals; reduces noise
- Shut-height adjustment cam is pre-set to industry standard 135.80mm (5.346") accepts industry-standard applicators and allows for adjustment to hit the crimp-height target
- Meets OSHA safety and noise requirements and is CE approved which reduces risk of injury
- TM-4000 has two safety interlock switches attached which prevent the press from cycling if guard is open or when the press is being hand cycled

63801-7600 Bench-Top Crimp Press



TM-4000 Crimp Press with a Molex air-feed applicator that processes product on Mylar® tape

SPECIFICATIONS

Reference Information

Use With: FineAdjust™ and Mini-Mac™ applicators plus the Molex Tape Crimp Module (64016-2000)

Electrical

240V AC/50/60Hz

Mechanical

Air Pressure: 75.80 PSI min. (52 BAR)

Air Volume: 3.2 SCFM min.

Production Rate: 2,400 terminations per hour max. (dependent upon operator skill, product selection and wire length)

Universal Press Quick Reference

| Order No. | Press | Voltage | Wire Gauge | Ton |
|------------|----------|---------------------|--------------|-----|
| 63801-7200 | TM-3000™ | 120V AC; 50 or 60Hz | Up to 10 AWG | 2 |
| 63801-7300 | TM-3000™ | 240V AC; 50 or 60Hz | Up to 10 AWG | 2 |
| 63801-7600 | TM-4000™ | 240V AC; 50 or 60Hz | Up to 4 AWG | 3.5 |

MARKETS AND APPLICATIONS



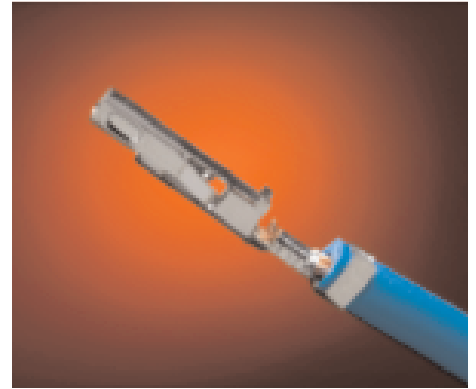
**TM-4000™ Universal Crimp Press
Shut Height - 135.80mm (5.346")**

- Automotive Market
- Industrial Market
- Commercial Market
- Contract Manufacturers
- Design / Engineering Facilities

63801-7600 Bench-Top Crimp Press

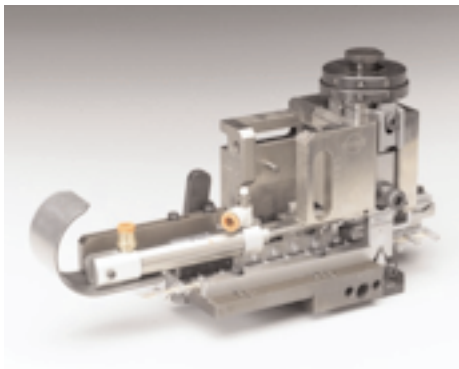


Molex Large 4 AWG Lug Products
(supplied on Mylar tape)



Mini-Fit Plus HCS™
Example of a Molex terminal suited for crimping with the TM-4000

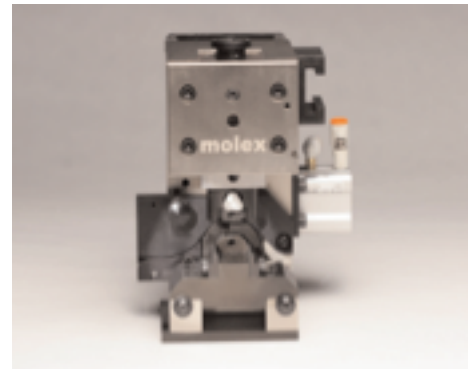
IMAGE EXAMPLES OF APPLICATORS USED WITH THE TM-4000



Air-Feed Applicator
Order Number: 63885-1000



Standard Applicator
Order Number: 63900-2600



Tape-Crimp Module
Order Number: 64016-2000

ORDERING INFORMATION

| Order No. | Voltage | Largest Product Range | Molex Family of Presses |
|------------|--------------------|-----------------------|-------------------------|
| 63801-7600 | 240V AC 50 or 60Hz | 4 through 30 AWG | TM-4000 |

www.molex.com/link/tm4000.html