



ABOUT PTC

Pacific Trinetics Corp. (PTC) has been dedicated to providing innovative, state of the art equipment and manufacturing systems for the electronics industry since 1987.

A US company, globally renowned for its equipment quality and longevity in the micro-ceramic industry, PTC has a footprint in multilayer ceramic components (MLCC) and multi-chip modules (MCM) industries including High and Low-Temperature Co-fired Ceramics (HTCC & LTCC) and solid-state batteries.

Pacific Trinetics' factory automation division builds on years of experience, partnering with industry leaders to streamline and automate production facilities towards becoming smart factories. PTC's expertise in automation, IoT and Big Data analysis has helped companies excel in Industry 4.0.

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PTC Punch -PT08001

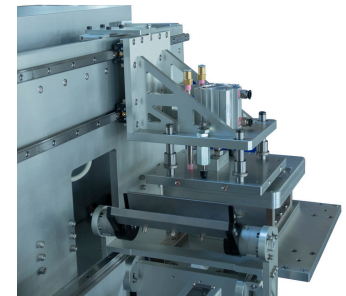


Image Caption

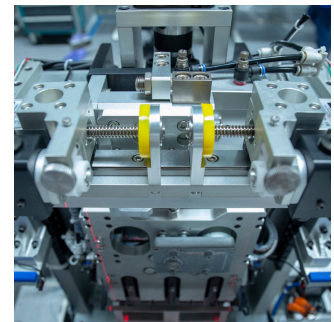


Image Caption

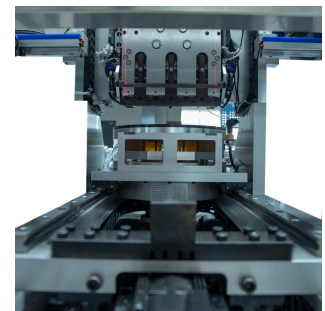


Image Caption



KEY FEATURES

OVERVIEW

- High speed punch - Up to 1440 holes/min
- High accuracy - Up to ± 0.005 mm
- Quick punch/die replacement - Tool change in minutes

SOFTWARE

- PTC Specific state of the art user interface
- Unlimited storage for punch recipes

PTC CUTTING-EDGE

- Versatile - a wide range of hole sizes
- Hole verification - automatic laser optic inspection of tape

MODELS

PTC PT Series Automatic Punch System

PT08001 (Up to 8" Tape)

SPECIFICATIONS

Sheet Size	Up to 8" x 8" (203 mm x 203 mm)
X-Y Travel	8" x 8" (203 mm x 203 mm)
Punch Speed	Up to 1440 holes/min
Resolution	0.0013 mm
Repeatability	± 0.0025 mm
Position Accuracy	± 0.005 mm
Material Handling	Custom tool plate
Laser Via Verification	Simultaneous with laser optics
Certification	CE

OPTIONS

Options

Automatic Load / Unload Mechanism

PTC's automatic Punch system is designed and manufactured to meet the demanding tolerance required in the micro-ceramic industry. With its compact design and process flexibility, the PT08001 is equally suited for laboratory or production applications. The versatile multi-punch assembly head accommodates via, registration and cavity holes.

The punch requires no alignment of the punches to the dies by the operator. Individual punches can be replaced in less than a minute. The menu driven proprietary program offers a user-friendly interface to all system functions and diagnostic tools with critical data displayed in real-time. Punch programs are easily loaded from .dxf and NC drill files.

PTC PUNCH