



PACIFIC TRINETICS
CORPORATION

PTC CUTTER



- High-speed cut - Up to 6 cuts/s
- High-accuracy cut - Up to ± 0.005 mm
- Automatic Loading and Unloading of substrates
- Competitively priced

PTC CUTTER

The CT and CA Series Ceramic cutters are designed for high-speed, precision cutting of multilayer ceramic capacitors, chip inductors, multichip ceramic modules, and packages. With its enhanced software and direct drive motion system, the program calls out cut locations, alignment positions, camera positions, blade speed, cut depth and can memorize start and end positions for automatic cutting with little operator interaction.

This guillotine-style blade cutting system with a heated stage and blade will accept a ceramic bar size of up to 8" (203 mm)* square and make high-quality cuts in material as thick as 0.340" (8.6 mm). The CT Series ceramic cutting system is capable of sustaining 6 cuts per second when operating in automatic mode. Fiber-optic lights or LED lights are used for optimal contrast and visual performance.

*Larger sizes optionally accommodated.

OVERVIEW

- High-speed cut - Up to 6 cuts/s
- High-accuracy cut - Up to ± 0.005 mm
- Automatic Loading and Unloading of substrates
- PTC proprietary state of the art user interface
- Unlimited storage for cutting recipes
- External process monitoring
- Patented one-click blade change mechanism
- Automatic stripper debris cleaning
- Post-processed tungsten blade



Model: CT08002

MODELS

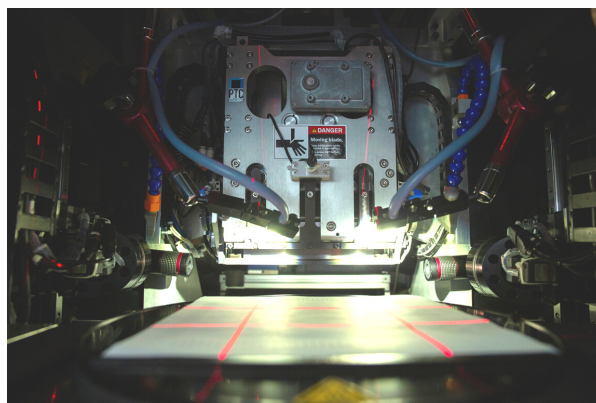
PTC CT Series Ceramic Cutter

CT06004 (up to 6" Substrate)

CT08004 (up to 8" Substrate)

CT10001 (up to 10" Substrate)

CT12001 (up to 12" Substrate)



Cut stage for the CA series

PTC CA Series Ceramic Cutter (Automatic Load/Unload)

CA08001 (up to 8" Substrate)

CA10001 (up to 10" Substrate)

SPECIFICATIONS

The CA Series

Max Cut Speed	6 Cuts/s
Max Part Thickness	Up to 8.64 mm
Blade Length	4" - 10"
Blade Height	0.75" - 1"
Blade Thickness	0.4mm standard
Blade Temperature	Up to 100 °C
Stage Temperature	Up to 100 °C
Operating Mode	Manual & Automatic
Machine Dims.	1870 mm (L) x 1465 mm (W) x 2025 mm (H)
Electrical Cabinet Dims.	850 mm (L) x 500 mm (W) x 1440 (H)
System Weight	1.5 Ton
Electric Power	2 phase 220-230 VAC 20 Amp 50/60Hz
Air Supply	100 psi, 7bar
Vacuum	Venturi system
Certification	CE



Cutting head CA Series

The CT Series

Max Cut Speed	6 Cuts/s
Max Part Thickness	Up to 8.64 mm
Blade Length	4" - 10"
Blade Height	0.75" - 1"
Blade Thickness	0.4mm standard
Blade Temperature	Up to 100 °C
Stage Temperature	Up to 100 °C
Operating Mode	Manual & Automatic
Machine Dims.	1355mm (L) x 1465 mm (W) x 2025 mm(H)
System Weight	1.5 Ton
Electric Power	2 phase 220-230 VAC 20 Amp 50/60Hz
Air Supply	100 psi, 7bar
Vacuum	Venturi system
Certification	CE

OPTIONS FOR CA SERIES

Automatic substrate load/unload mechanism

Preheating stage for thick substrates

One-click blade change mechanism

Auto stripper debris removal



Automatic cleaning of the cut mechanism

ABOUT US

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

A U.S. company headquartered in California's Silicon Valley PTC is globally renowned for its equipment quality and durability in the multilayer electronic components industry. From large established names to startups to laboratories in the academia users of our equipment manufacture LTCC, HTCC, MLCC, MLPC, MLI, MLV, and Solid-State Li Batteries.

PTC's Process and 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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Information in this datasheet is subject to change without notice. Equipment specifications should be confirmed with the PTC sales team, your local authorized PTC sales representative or distributor, or the factory prior to purchase.