

TODDCO T-300 ACF Tacker

Workbench Style ACF Tacker with an Array of Innovative Features

The new ACF Tacker from TODDCO introduces innovative ideas to an industry where they're long overdue. The TODDCO T-300 tackers use a closed-loop pulsed heat control system with durable G3 ceramic hotbars, which shortens startup time by enabling the system to reach process temperature in seconds.

The ACF cut/score mechanism on the T-300 is driven by a state-of-the-art linear actuator with high precision force control and 1µm resolution linear encoder, reducing down time from broken tape and tedious cut depth adjustments. Servo position control on the substrate transport offers design flexibility that allows the machine to accommodate many different types of tooling and part configurations, making product changeover and repurposing a snap. Use the intuitive HMI for quick bond profile development. A graphical bond profile screen guides development of critical process parameters. The data logging feature saves actual performance versus bond profile for selected bonds. Auxiliary thermocouple inputs can be displayed for thermal analysis. Saved bond profiles are easily recalled for quick changes in high mix production.

The T-300 can be equipped with a universal vacuum platen for glass panels or a locating fixture for PCB tooling. Toddco General has full design and machine shop capabilities to produce custom tooling for any product.

No matter what the application, in a high mix laboratory setting or a fast paced production environment, TODDCO can help bring your vision to life.

T-300 ACF TACKER



STANDARD FEATURES

- Programmable Positions
- Any Manufacturer of ACF
- Peels Backing Liner
- Data Logging
- Motorized Interposer Feeder

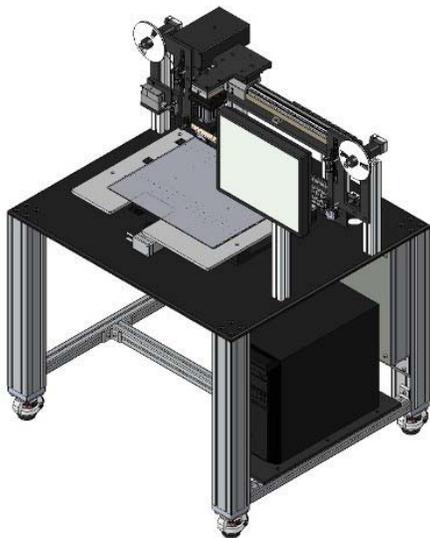
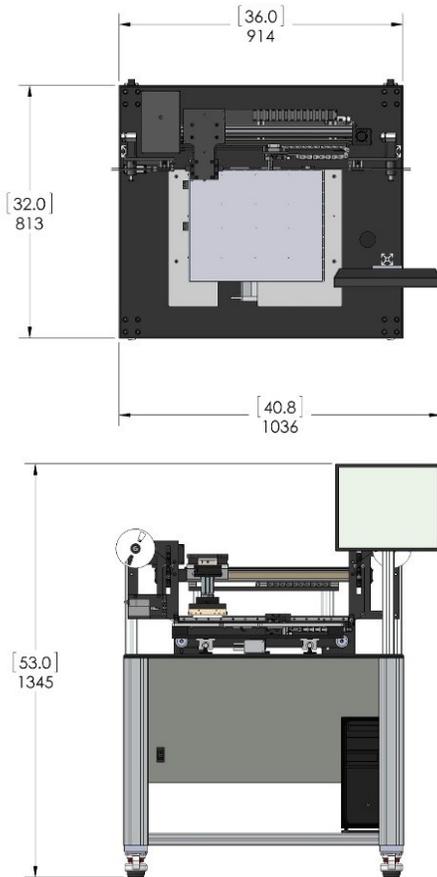
BENEFITS

- For Standard Size LCD/PDP Panels
- Saves Valuable Bonder Time
- Precision Co-planarity & Temperature Control
- Works for Most TAB Sizes & Shapes
- Advanced ACF Scoring Mechanism

FEATURES

- Ceramic Hot Bars
- Closed Loop Temperature Control
- Precision Motorized Y-Axis
- Real Time Graphical Display
- Easy, Intuitive Process Development
- Advanced Process and Quality Controls

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Specifications

Size and Weight

Base Frame	914mm (36")W x 813mm(32")D x 1421mm (53")H
... with Single Outrigger	1807mm(71")W x 996mm(39")D x 1661mm (65")H
Weight	100kg (220lb)

Facility Requirements

Power	110/220VAC 50/60Hz
Air	90-120psi (0.6-0.8MPa) Clean, Dry Air

Bond Actuator

Drive	Pneumatic
Operation	Low Force with Precision Control Modes
Bond Force	5-300N
Z-Travel	50mm
Leveling Adjustment	U- V- Micro Pitch Adjustment Screws

Hotbar

Operation	Pulsed Heat, Closed Loop Control
Material	G3 Ceramic
Temperature Feedback	Embedded Thermocouple
Ramp Rate	Up to 150°C/s
Temperature Range	Up to 450°C
Size	1.5mm - 5mm Wide, Up to 100mm Long

Glass Transport

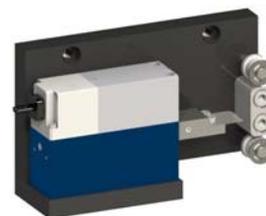
Y-Travel	100mm
Part Holding	Vacuum



For PCB Or Glass Panel



Quick Change Hub For ACF Reels



ACF Cutter