



AUTOMATIC LINE

# T-8000

Customized Die Bonding Solutions  
with Swiss Precision



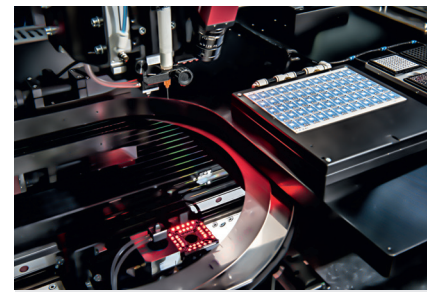
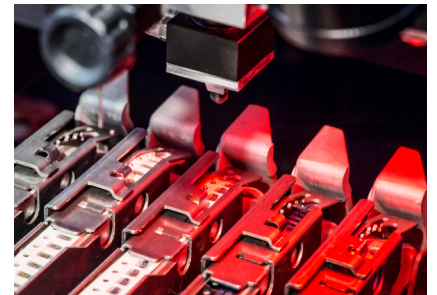
**The T-8000** Die Bonder is a fully-automated all-purpose system for R&D, pilot and medium size production. Fully built on granite, equipped with linear motors and 0.1 $\mu$ m resolution glass scales, enable a precision of 5 $\mu$ m. A force range of 10g to 25kg, combined with the large working area of 500 x 450mm and wafer handling up to 12", open a wide range of applications. With numerous available options, the **T-8000** can be customized to best suit your needs.

# FEATURES AND OPTIONS FOR THE T-8000

- Up looking camera
- Dispenser (Time/ Pressure or volumetric)
- Stamping unit
- Automatic tool changer (also for heated tools)
- Eutectic bonding unit with protective gas chamber
- Customized substrate holders and fixtures available
- Wafer ring or wafer frame holders
- Automatic 3-D and force calibration
- Flux dipping station
- SMD feeder capability (8 and 12mm)

## TECHNICAL DATA

XY-Movement (placement stage)	500mm x 450mm
XY-Movement (wafer stage)	305mm x 305mm
Z-Movement	120mm
Spindle Rotation	200° (100° with heated tools)
Bond Force (standard range)	10g – 25kg
UPH	2800*
Placement accuracy	5µm @ 3Sigma*
Axis resolution	XYZ: 0.1µ, Theta: 0.02°
Min./ Max. component size	250µ/ 20mm**
Wafer Pickup	2" to 12"
Connections	Compressed dry air 6 bar / Vacuum 0.9 bar (abs) min. 4.5m³/min
Dimensions	1750mm x 1050mm x 1820mm
Weight	1550kg (approx.)
Voltage	220V-260V, 50Hz, 3.7kW (16A), 1 Phase
Environment	Room temp: 22°C, +/- 2°C
Humidity	50%, +/- 5%



*\* Process depending / \*\* Other dimensions on request*

*Note: All specifications are subject to change without notice*

### HEAD OFFICE

#### DR. TRESKY AG

Boehnirainstrasse 13  
8800 Thalwil  
Switzerland

Phone: +41 44 772 19 41

[tresky@tresky.com](mailto:tresky@tresky.com)

### TRESKY GMBH

Oranienburger Chaussee 31-33  
16548 Glienicke / Nordbahn (Berlin)  
Germany

Phone: +49 33056 275 410

[info@tresky.com](mailto:info@tresky.com)

### TRESKY CORPORATION

704 Ginesi Drive, Suite 11 A  
Morganville, NJ07751  
USA

Phone: +1 732 536 8600

[sales@tresky.com](mailto:sales@tresky.com)



[WWW.TRESKY.COM](http://WWW.TRESKY.COM)