



AUTOMATIC LINE

T-8000

Customized Die Bonding Solutions
with Swiss Precision



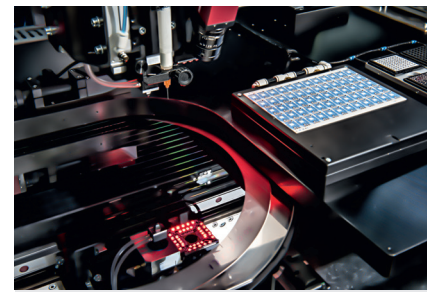
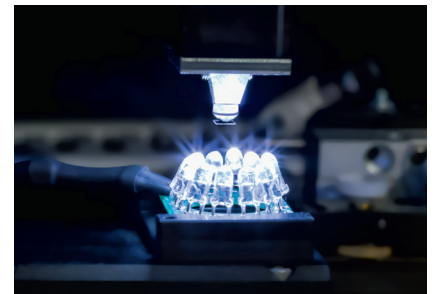
The T-8000 Die Bonder is a fully-automated all-purpose system for R&D, pilot and medium size production. Fully built on granite, equipped with linear motors and 0.1 μ m resolution glass scales, enable a precision of 5 μ m. A force range of 10g to 25kg, combined with the large working area of 500 x 450mm 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%



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* Process depending / ** Other dimensions on request

Note: All specifications are subject to change without notice

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