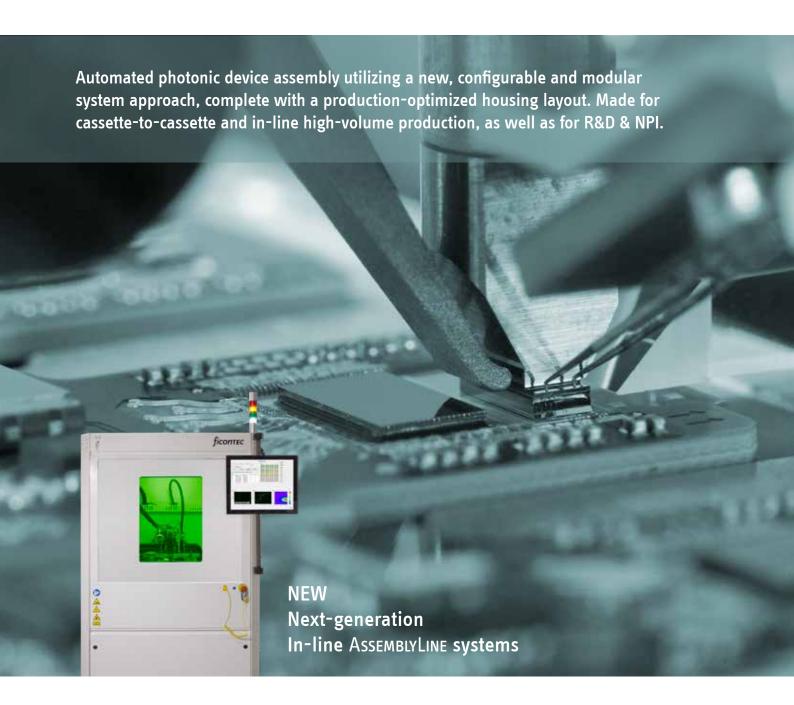
# **ASSEMBLYLINE** A400 / A800 / A1200 / A1600









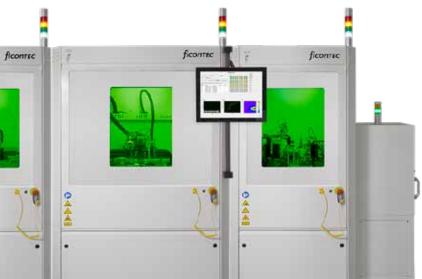


## **ASSEMBLYLINE**

# A400 / A800 / A1200 / A1600







## Flexible, modular & (re-)configurable

- State-of-the-art feed IN/OUT options
- FAB & HVM-ready scalable and parallelizable
- · Single systems slot into existing production lines
- · Daisy-chain multiple systems for production segments
- · Operate, monitor and sync parallel lines remotely
- Add and/or swap modules to re-configure & re-purpose





### What we do

ficonTEC is a recognized market leader for automated assembly and testing systems for high-end opto-electronic components and photonic devices, including PICs. Considerable process capability and dedicated assembly technologies have been accumulated in serving requirements for telecom and datacom, high-power diode laser assembly, sensing from bio-med to automotive, micro-optical systems, and more.

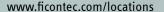
A unique and modular approach to production equipment design means that each system delivered is the automated and optimized embodiment of a customer-defined process.

#### Contact us

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For ficonTEC subsidiaries and distributors around the globe:





Core system specifications	A400	A800	A1200	A1600
Motion system	4-axis alignment	gantry system with minimum 6-axis high-precision alignment*	gantry system with minimum 6-axis high-precision alignment* or cantilever system w/o multi-axis system	cantilever system with minimum 6-axis high-precision alignment*
Working area (max) (w x b x h, mm)	100 x 200 x 200	100 x 300 x 50**	200 x 300 x 50**	200 x 100 x 50**
Handling options	single conveyor single or dual conveyor			ual conveyor
Wafer capable	no		up to 6"	up to 12"
Machine vision	standard/dual positioning and observation camera options			
Feed options	suitable for Jedec or Auer boats, or for customer trays			
Software features	ergonomic, flexible and powerful process software - extended operator-less control - remote control server option			
Physical features	rugged steel-base production cell - access door lifts vertically without affecting footprint			
Minimum connections	400 VAC (or country specific), air/vacuum, 100 Mbit/s network			
Cleanroom compliance	ISO 6***			
Dimensions (w x b x h, mm)	400 x 1200 x 1600/2000	800 x 1200 x 1600/2000	1200 x 1200 x 1600/2000	1600 x 1200 x 1600/2000
Weight (typ., kg)	600	1300	1800	2500

\*alternative multi-axis configurations optional \*\*working area with 6-axis system \*\*\*others available on request

ASSEMBLYLINE systems are suitable for in-line applications in high-volume manufacturing, including multiple production lines operating in parallel and in sync, optionally via remote control. Custom systems and special purpose cells and robotic systems can be flexibly designed and incorporated to suit customer requirements.