



Introducing the Haeger T-Series

Precision. Productivity. Peace of Mind.

The Haeger T-Series is the next evolution in automated fastener installation. Designed to meet the high demands of modern sheet metal production, it combines proven press technology with an XYZ positioning system — delivering fully automated, operator-free insertion of up to 8 different fasteners on a single part.

Tailored for Server Cabinet Manufacturing

Available in three optimized models, the T-Series adapts perfectly to different production needs:

- **T600:** Designed for compact, box-like components such as 19" rack internals. With an extended Z-axis stroke, it handles flanges up to 140 mm high for nut insertion or 120 mm for studs — even when the flanges are upright.
- **T1200:** The flexible all-rounder. Ideal for a wide variety of parts and mixed production environments, offering a perfect balance between working range and footprint.
- **T2400:** Built for large, flat components like cabinet side panels. It supports part lengths up to 2400 mm, with flange height capabilities of up to 50–70 mm — optimized for wide but shallow parts.

No More Manual Errors

With complex parts and high fastener counts, manual insertion is slow and error-prone. The T-Series eliminates operator mistakes by automating the entire process. An integrated 3D camera ensures precise part alignment and inspects every fastener after installation — for position, height, and diameter. That means fewer defects, reduced scrap, and consistent quality, even across high-volume runs.

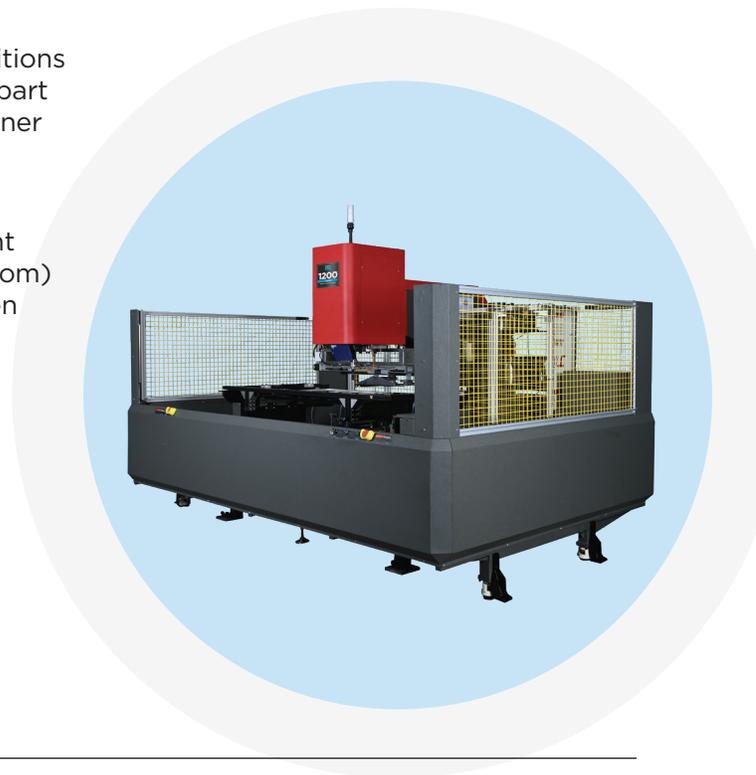
Fast. Flexible. Fully Automated.

The T-Series features a high-speed XYZ table that positions each insertion point with pinpoint accuracy. Once the part is loaded, the system takes care of tool selection, fastener feeding, installation, and quality inspection.

Up to 8 vibratory bowl feeders can be configured per system, allowing seamless transitions between different fastener types. Automatic tool changers (top and bottom) further eliminate the need for manual intervention, even during mixed part runs.

Engineered for Speed and Reliability

At its core, the T-Series runs on Haeger's servo-driven press system — the same technology behind the 824E-Drive. This ensures high-speed cycles, accurate force and stroke control, and a fastener insertion time of just 3–5 seconds (excluding table movement). Whether your focus is speed, repeatability, or process control — the T-Series delivers.





Haeger T-Series

Smart Connectivity and Integration

Built for Industry 4.0, the T-Series is ready to integrate with MES systems, robot cells, and full-scale production lines. Its PMCS control system supports standard communication protocols for easy data exchange and remote monitoring.

In a fully automated setup, a robot gantry can load parts directly from pallets, completely removing human involvement from the process. Programming is quick and intuitive via CAD import and recipe management — ideal for high-mix, fast-paced production.

Certified and Ready for Global Use

All T-Series models are CE certified and meet international safety standards, ensuring compliance across global operations.

Automate with Confidence

Whether you're producing thousands of identical parts or managing a wide range of component types, the Haeger T-Series gives you a competitive edge. Reduce labor dependency, eliminate errors, and boost production efficiency — with the most intelligent fastener installation system we've ever built.

Contact us today to learn how the T-Series can transform your operation.

Specifications	PAT600-E	PAT1200-E	PAT2400-E
Control System Type	Electric actuator, Motion Control, 3D Camera system, PMCS controls system		
Force Range	8 to 80KN	8 to 80KN	8 to 80KN
Repeatability	±1kN (10kN - 60kN) ±1% of force setting / ±0.02mm of position setting		
Stroke Length	0-300mm	0-200mm	0-200mm
Speed	Ram down/retrack max. 200mm/s		
Auto Feed / Toolchange	4 station topfeed	up to 8 station topfeed	up to 8 station topfeed
Feeder Bowl	MAS350	MAS350	MAS350
Panel Processing Range	600mm x 600mm	1200mm x 800mm	0mm x 800mm
Panel Flange Height	Nut 140mm, Stud	Nut 70mm, Stud 50mm	Nut 70mm, Stud 50mm
Clinching Capability	1mm to 6mm combined thickness		
Panel Weight	40Kg Max	40Kg Max	40Kg Max
Fastener Range	M2.5-M8	M2.5-M8	M2.5-M8
Air Requirement	6-7 Bar	6-7 Bar	6-7 Bar
Electric Requirement	380-400V 3phase 50 or 60Hz		
Power	13kW	13.5kW	13.5kW
Dimensions (Dxwxh)	2700mmx3000mm x2600mm	3000mmx3800mm x2490mm	3100mm x6600mm x2490mm
Weight	4300Kg	4500Kg	6200Kg