

Our Amada EM 2510 NT is an advanced, high-speed electric servo-driven CNC turret punch press. Combining dual AC servo motors with an innovative high-rigidity bridge frame, it achieves exceptional hit rates and precise forming capabilities. This system allows Hallmark Fabrication to offer cost-effective, high-accuracy profiling, louvring, forming, and counter-sinking across complex sheet components with minimal turnaround times.

MACHINE SPECIFICATIONS & LIMITS

SPECIFICATION ELEMENT	WORKING RANGE / CAPACITY
Drive Mechanism	Twin AC Servo Drive (Direct Drive Mechanics)
Press Capacity	200 kN (20 Metric Tons)
Maximum Sheet Size (with 1 reposition)	2500 mm × 1270 mm
Maximum Sheet Thickness	3.2 mm (Mild Steel / Aluminium) 3.0 mm (Stainless)
Turret Station Capacity	45 Stations (including 4 Auto-Index stations for flexible rotation)
Punching Accuracy	±0.07 mm (including repositioning)
Hit Rate (25mm pitch)	Up to 370 hits per minute

MATERIAL CAPABILITIES

MATERIAL TYPE	RECOMMENDED SHEET THICKNESS RANGE
Mild Steel (CR4 / HR4)	0.5 mm – 3.2 mm
Stainless Steel (304 / 316)	0.5 mm – 3.0 mm
Aluminium (1050 / 5251)	0.7 mm – 3.2 mm
Zintec / Galvanised Steel	0.6 mm – 3.0 mm

KEY TOOLING & PROCESSING ADVANTAGES

- **High-Speed Form Processing:** Accurate height-controlled forms such as louvres, countersinks, electrical knockouts, and bridge lances are created quickly in a single operation.
- **Scratch-Free Material Protection:** Features a floating brush-table design that completely supports delicate materials like polished stainless steel and aluminium, preventing surface marring.
- **Highly Efficient Component Nesting:** Large 45-station turret configuration reduces setup times and allows optimized common-line cutting strategies to minimize material waste.

Ready to start your next punching or fabrication project?

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