



MANUFACTURING EXCELLENCE

Elexon2Zero

**DESIGNING EXCELLENCE
DEVELOPING THE FUTURE**

- Zero defects
- Zero returns
- Zero delays



IOT



DEFENCE



COMMERCIAL



AEROSPACE



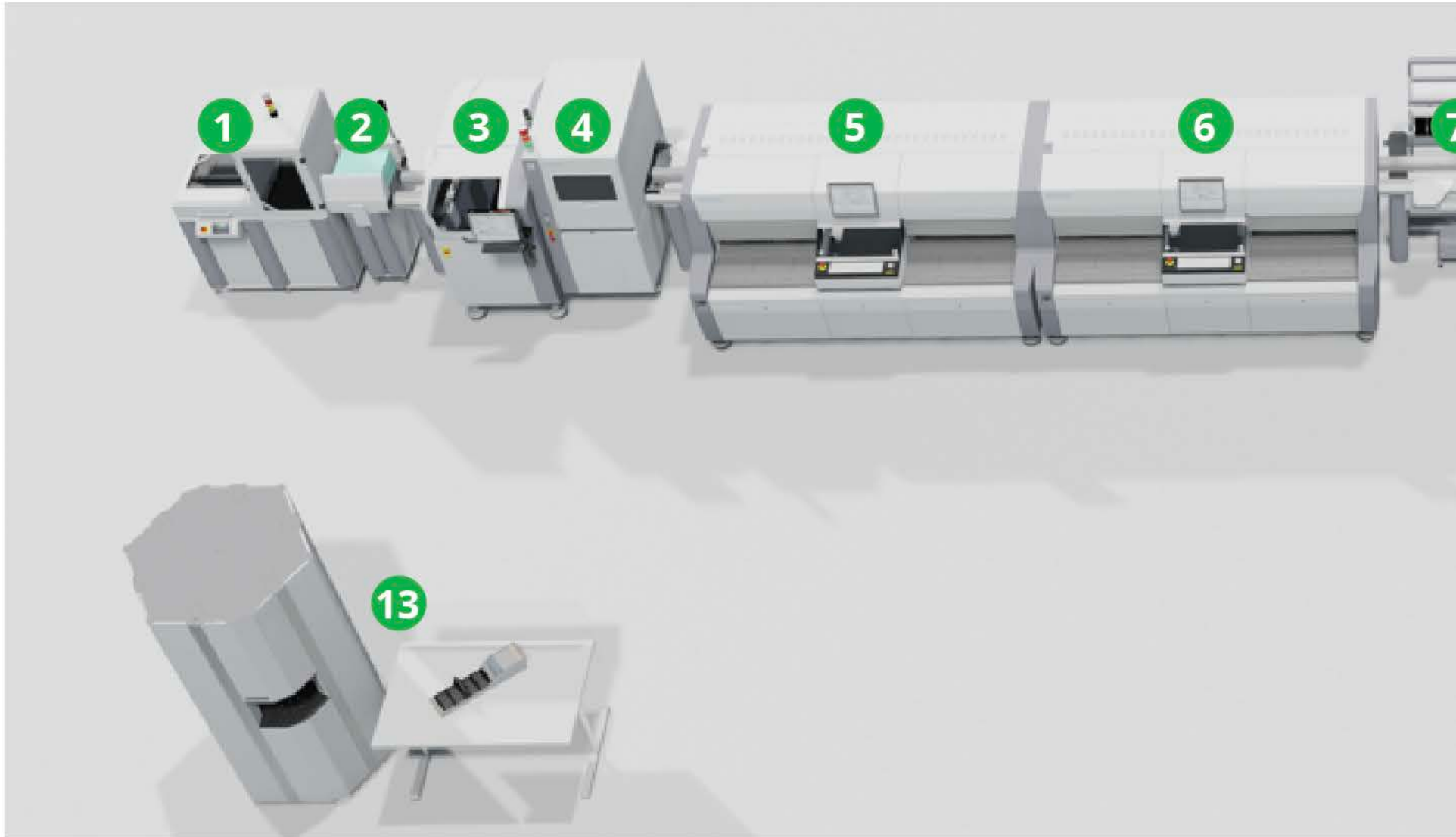
MINING

A leading Australian electronics manufacturer, Elexon Electronics focuses on the design, development and manufacturing of electronic products for niche markets both in Australia and internationally.

ELEVATING MANUFACTURING

EXCELLENCE WITH OUR STATE-OF-THE-ART SMD LINE

Our recent strategic enhancements, including an expanded manufacturing space and the addition of a sophisticated SMD line, underscore our commitment to continuous improvement, traceability and process control. These advancements not only reflect our dedication to designing excellence but also equip us to adeptly handle the intricate demands of high-value specialized projects with unmatched efficiency and quality.



KEY INNOVATIONS OF OUR SMD LINE

INTELLIGENT INVENTORY MANAGEMENT: ESSENTIAL FOR COMPONENT TRACEABILITY AND RELIABILITY.

- Advanced Testing & Inspection Technologies: Including 3D Solder Paste Inspection, 3D Automated Optical Inspection, 3D CT X-Ray Inspection and Flying Probe Inspection to uphold our commitment to manufacturing excellence.
- Solder Paste Jet Printer & Vapor Phase Vacuum Reflow Oven: Key to achieving void-free soldering, pivotal for durability and strength.
- Smart SMD Pick & Place Machines: Enable high-speed, precise placement, critical for complex assemblies.

- 1 Magazine Loader
- 2 Bare Board Loader
- 3 Jet Printer
- 4 3D Solder Paste Inspection
- 5 Pick and place Machine
- 6 Pick and place Machine
- 7 Good/No good Inspection Conveyer
- 8 Vapor Phase Oven
- 10 3D Automated Optical Inspection
- 11 Good/No good Inspection Conveyer
- 12 UV Curing Oven
- 13 SMD Tower (x6)
- 14 3D CT X-ray Inspection
- 15 Flying Probe Inspection



NEW UPGRADED FACILITY

Designing Excellence Developing the Future

Together, these specialized machines enable Elexon to produce high-quality products consistently, setting a benchmark in the electronics industry for reliability and excellence.

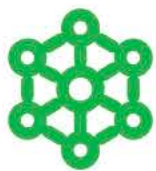


Elxon Electronics specialises in managing projects low-volume, high-complexity projects. Our commitment to outstanding design is evident in each customised solution we create, consistently exceeding the strict standards of our diverse client base.



OUR DEDICATION TO QUALITY

Elxon's dedication to the highest quality standards is fundamental. Transitioning to an Industry 4.0 facility has significantly enhanced our manufacturing quality, meeting the demands across various industries.



CAPABILITIES AND MARKET REACH

We offer a full spectrum of services including electronics engineering, design for manufacturing, prototyping, R&D testing, and advanced manufacturing. Our expertise reflects our commitment to designing excellence and developing the future across sectors such as defence, aerospace, automotive, and agritech.



CERTIFICATIONS AND ACCREDITATIONS

- Quality Management Systems
AS9100D, ISO 9001
- Electronic Assemblies Standards
AS 9100D
- JOSCAR Certificate



KEY MARKETS AND STRATEGIC PARTNERS OR CUSTOMERS

