

OVERVIEW

# Consumer Goods Automation

Eclipse Automation helps consumer brands scale smarter with flexible, high-performance systems built for speed, quality, and continuous production demands.

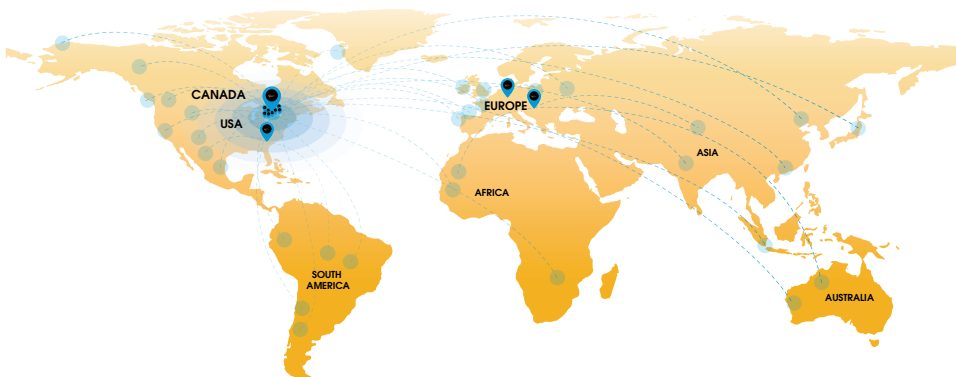


# Automation built for fast-paced consumer manufacturing

Consumer goods manufacturers operate in one of the most demanding production environments: constant product updates, tight launch timelines, rising quality expectations, and pressure to balance speed with cost efficiency. Eclipse Automation helps leading brands respond to these demands with systems engineered for flexibility, reliability, and scalable performance.

We design automation systems that adapt to rapid product changes, support high-mix and high-volume operations, and maintain consistent quality across every production shift. From personal care and sporting goods to home appliances, toys, furniture, and cleaning products, our solutions keep lines moving efficiently while managing total cost of ownership.

With decades of experience delivering end-to-end automation, Eclipse manages the full lifecycle of every project. In-house engineering, simulation, build, commissioning, and ongoing optimization ensure seamless execution and long-term system performance. Some of the world's best consumer goods manufacturers rely on Eclipse to keep production running smoothly and deliver high-quality products at scale.



**25**

YEARS OF EXPERTISE

**10+**

GLOBAL FACILITIES

**700+**

HIGHLY TRAINED EXPERTS

**1M+**

SQ. FT. OF PRODUCTION CAPACITY

**2001**

YEAR FOUNDED

At Eclipse Automation, we apply local knowledge while leveraging our global expertise to solve any automation challenge.

## Automation capabilities for consumer goods production

Our solutions are tailored to the needs of each project, giving consumer goods manufacturers the efficiency, reliability, quality, and support needed to maximize output and maintain consistent performance across high-volume production environments.



### **Innovation, automation, and production lines**

We design and build automation systems that support high-speed manufacturing, rapid product changeovers, and flexible production formats. Our expertise spans filling, assembly, labeling, packaging, inspection, and material movement to create efficient, end-to-end production lines for a wide range of consumer products.



### **Manufacturing of specialised tools and equipment**

With in-house machining, fabrication, welding, and precision assembly, we produce high-quality tooling, fixtures, and equipment that support reliable, repeatable consumer goods manufacturing. Strong project-management systems and vertical integration ensure consistent performance from concept through build.



### **Optimization, consulting, and lifecycle support**

Our teams review and improve automated processes through data collection, inspection, testing, and modernization services. Installation, integration, upgrades, and obsolescence management are supported by a strategic approach that enhances line efficiency and extends equipment value across the entire production lifecycle.

## Full lifecycle support for every phase of production

Eclipse Automation combines deep industry experience with flexible engineering to deliver successful projects across personal care, sporting goods, appliances, toys, furniture, cleaning products, and more. We support you through the full automation lifecycle, ensuring systems are reliable, adaptable, and optimized for high-volume, consumer-driven manufacturing environments.



### Advanced Engineering Services (AES)

We analyze workflows, simulate production processes, and define technical requirements to establish a strong foundation for each project. Our teams develop proof-of-principle solutions, create detailed specifications, plan strategically, and perform risk assessments while incorporating lean manufacturing principles to improve efficiency and scalability.



### Automation

From engineering and design to fabrication and assembly, we build systems for filling, assembly, labeling, packaging, material handling, and inspection. Every solution undergoes rigorous Factory and Site Acceptance Testing and is fully commissioned to integrate seamlessly with existing operations.



### Post-automation

Once systems are operational, we deliver training, support, and ongoing optimization. Our twenty-four-seven availability, spare-parts programs, and lifecycle upgrades help maintain throughput and reduce downtime in fast-moving consumer environments.



### Vertical integration

By connecting automation with MES and ERP platforms and managing project execution and supply chains in-house, we provide full visibility across every stage of production. This integrated approach maximizes operational value and gives consumer goods manufacturers confidence throughout their automation journey.



## Our consumer goods expertise

Eclipse draws on deep experience across the consumer goods sector, supporting brands that produce personal care products, sporting goods, home appliances, toys, furniture, and household cleaners. Our automation solutions are engineered to keep production fast, flexible, and consistent — even as product lines change and demand fluctuates.



**Personal care**

We automate filling, sealing, labeling, sleeving, vision inspection, palletizing, and batch tracking to support high-speed, high-accuracy personal care production. These systems strengthen consistency, reduce waste, and maintain brand quality across every unit.



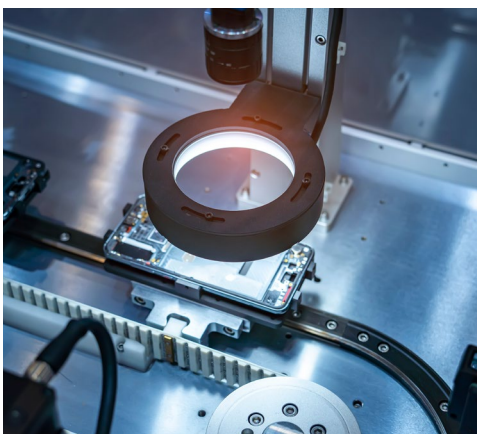
**Sporting goods**

Our solutions support material handling, bonding, robotic trimming, functional testing, and packaging integration. We help manufacturers move from prototype to full production quickly, with reliable, repeatable processes that protect product integrity.



**Home appliances**

We design systems for motor and electronics assembly, leak and electrical testing, smart device calibration, automated packaging, and MES integration. These capabilities improve reliability, reduce warranty claims, and streamline overall production flow.



**Toys and entertainment**

Eclipse supports plastic assembly, welding, electronics integration, vision inspection, safety testing, and secure packaging. Our systems help manufacturers meet strict safety requirements while increasing throughput and product consistency.



**Cleaning products**

We automate bulk material handling, filling, capping, tamper-evident packaging, case packing, and in-line quality assurance. These solutions reduce material waste, support sustainability goals, and maintain regulatory compliance.



**Power tools**

We design automation for power tool assembly, including motor and gearbox integration, fastening, testing, and final inspection. Our systems support repeatable builds, reliable performance, and efficient scale-up across high-volume production.

## Technology-enabled solutions

We apply advanced technologies to help consumer goods manufacturers improve throughput, strengthen quality, and adapt quickly to changing product demands. By combining proven engineering with digital tools, we create integrated systems that support efficient assembly, material movement, and in-line quality control.



### Digital and virtual technologies

Our teams use Digital Twins and simulation to model system behaviour, evaluate performance, and reduce commissioning risks. Real-time data analytics, MES and ERP connectivity, and smart vision systems give manufacturers clearer visibility into production and support continuous improvement.



### Robotics and automation

We integrate advanced robotics, collaborative systems, AGVs, and high-speed material-handling technologies to streamline operations and reduce manual intervention. These solutions help balance production flow while maintaining consistent accuracy and repeatability.



### Scalable system design

Modular architectures and flexible platforms enable manufacturers to adjust capacity, introduce new products, or upgrade equipment without major disruption. This approach keeps lines adaptable, future-ready, and optimized for long-term performance.

## Our commitment to quality and compliance

Eclipse Automation designs every consumer goods system with quality, efficiency, and compliance at the centre. We help manufacturers reduce operating costs, strengthen labour efficiency, and support steady production by improving consistency across each step of the process. With reliable system design and disciplined engineering practices, we help manufacturers maintain safe, repeatable performance while building a foundation for long-term scalability.

# The Eclipse Advantage

Founded in Cambridge in 2001, Eclipse Automation delivers manufacturing automation solutions for clients across the nuclear energy, life sciences, transportation, consumer, industrial, food & beverage, semiconductors, and aerospace & defense sectors.

Our cross-industry experience allows us to adapt proven technologies and best practices from one sector to another, enhancing precision, performance, and reliability for every customer.

With operations across Canada, the U.S., and Europe, we continue to grow our reach and capabilities to meet the evolving needs of all global manufacturers.

## Ready to build what's next?

Contact us today to see what's possible:

[www.eclipseautomation.com/book-a-discovery-call](http://www.eclipseautomation.com/book-a-discovery-call)

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