

TOTAL INTEGRATION

A FULL CYCLE FROM ENGINEERING TO INSTALLATION

SINCE 1979...



*don't stop an idea, let's
turn it into a project!*



**COMPANY
PROFILE**

ABOUT US

Situated at the foot of the Asolo hills, Asolmec S.r.l. integrates technological innovation into the heart of the Treviso province, in Northeast Italy. For us, being based in Asolo means working where natural beauty and industrial excellence seamlessly coexist.



Designing smart solutions through the integration of mechanics, electronics, and IT since 1979. We empower businesses of all sizes from major industries to small machine shops with customized production solutions.

From individual machines to fully integrated robotic cells, our team develops tailor-made automation systems from the ground up.

With our 'turnkey' model, we manage every phase in-house: feasibility studies, construction, testing, and full training for your technical and operating teams.

CRAFTSMANSHIP AND INDUSTRIAL TECHNOLOGY SINCE 1979

Craftsmanship has been at the core of Asolmec since 1979, blending creativity and professionalism for the industrial sector.

Let our experience guide you to success. From design to delivery, we handle every detail.



OUR FACILITY & WORKSHOP



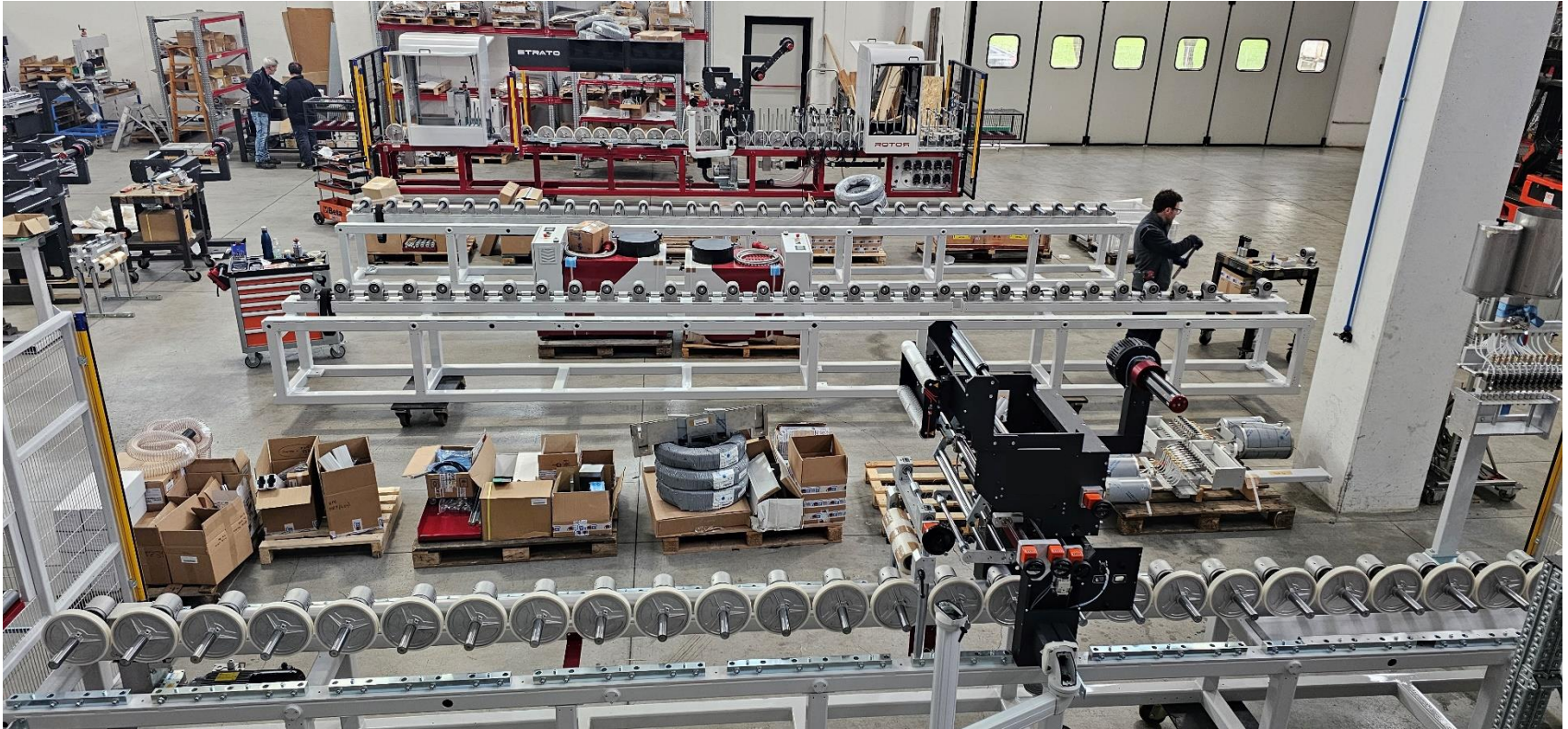
A 6,000m² production facility and a skilled team of 30 specialists and collaborators, dedicated to bringing your projects to life.

OUR IN-HOUSE CAPABILITIES

- 5-Axis Machining Centers.
- Industrial 3D Printing for rapid prototyping and the production of optimized end-use parts.
- Structural Metalwork and Welding.
- Precision Assembly performed by expert technicians.
- Systems Engineering and Wiring: Complete management of machine-side wiring and electrical cabinet assembly.
- Control Software Design (PLC and DCS) for intelligent process integration and remote plant monitoring.



KNOW HOW MULTIDISCIPLINARE



Our core strength is the way we integrate diverse and complementary technical competencies.

Working in perfect synergy, we transform client requests into concrete, fast, and efficient solutions.

CUSTOMER FOCUS : IS OUR PRIMARY STRATEGIC DRIVER

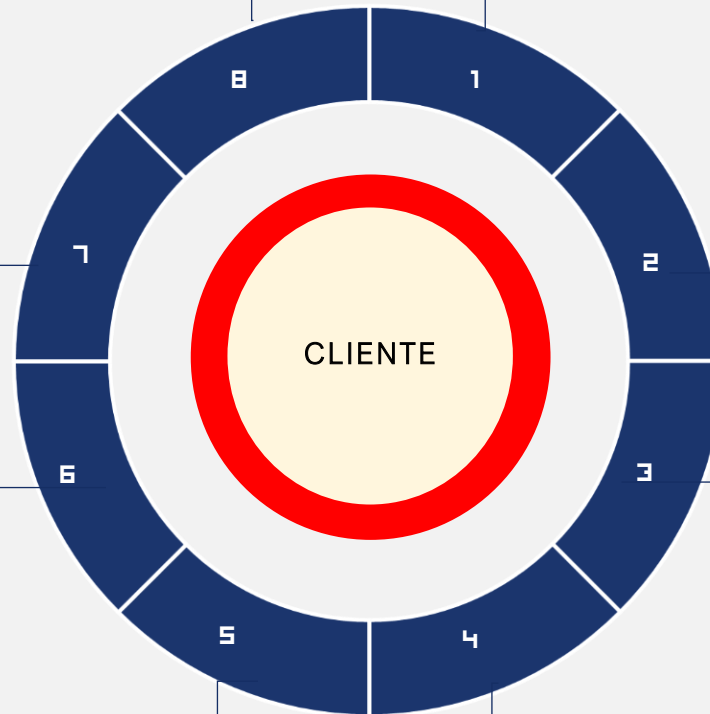
With a multidisciplinary mindset, we manage your project throughout their entire lifecycle.

THE SYSTEM IS RIGOROUSLY TESTED TO VERIFY COMPLIANCE WITH SAFETY STANDARDS AND REQUIRED PERFORMANCE SPECIFICATIONS PRIOR TO FINAL ON-SITE INSTALLATION AT THE CLIENT'S PREMISES.

CONTROL SYSTEM SOFTWARE DESIGN (PLC & DCS).

INTEGRATED DEVELOPMENT: FROM ELECTRICAL DESIGN TO ON-MACHINE WIRING, THROUGH TO FINAL CONTROL PANEL CONNECTION.

ASSEMBLY PHASE: OUR DESIGN TECHNICIANS ARE DIRECTLY INVOLVED IN THE PHYSICAL ASSEMBLY OF THE MACHINE. THIS ENSURES QUICK FEEDBACK LOOPS AND THE IMMEDIATE SOLVING OF ANY TECHNICAL CHALLENGES.



INITIAL ASSESSMENT OF CUSTOMER REQUIREMENTS.

WE IDENTIFY PRODUCTION BOTTLENECKS AND THE DESIRED OUTCOMES IN TERMS OF SPEED, PRECISION, AND SAFETY.

CONDUCTION OF ON-SITE FIELD SURVEY.

FEASIBILITY STUDY AND PRELIMINARY ENGINEERING

DEFINITION OF PRODUCTION CYCLES
3D DESIGN REVIEW.

3D DESIGN IS FROZEN TO MOVE INTO PRODUCTION.

DEFINITION OF SYSTEM ARCHITECTURE, I/O LISTS, AND HARDWARE COMPONENTS (PLC AND HMI).

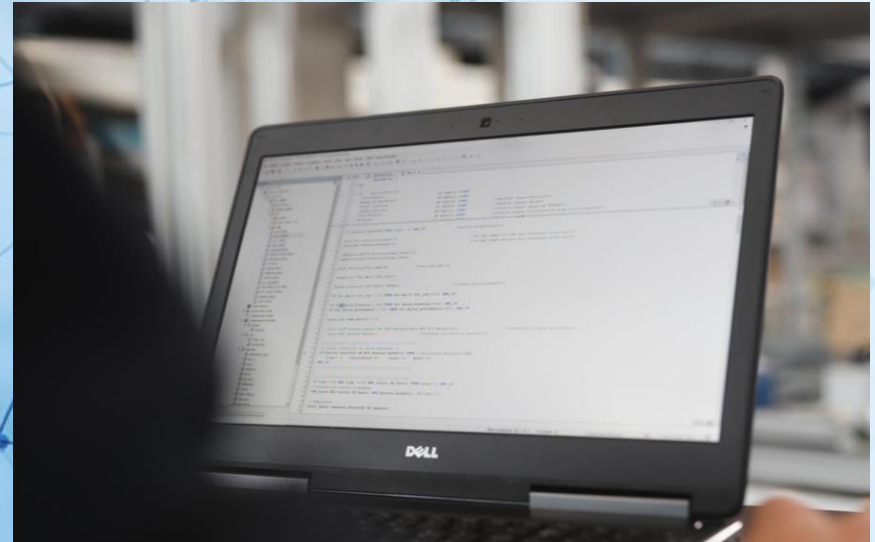
THE VARIOUS COMPONENTS ARE VALIDATED AND PROCURED.

**BY YOUR SIDE AT
EVERY STEP**

Beyond the integration of robots and cobots, we design custom-engineered systems or integrate cutting-edge technologies to provide unique, high-performance automation solutions.

Our team of software development specialists inside our IT department is available to provide technical support via telephone, remote access, or on-site, depending on specific requirements.

Upon request our automation systems can be supplied pre-equipped for Industry 4.0 connectivity. The certification for Industry 4.0 remains at client's care and must be finalized through their designated consultant.



**THE ASOLMEC EXPERIENCE:
TECH & CONNECTIVITY**

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**ROBOT
CELLS**

A single machine designed for the simultaneous assembly and testing of various products, integrated with robotic services including pallet systems, bowl feeders, rotary tables, automated storage, and P&P modules.



**SINGLE
MACHINES**

- Workstation suitable for laboratory use.
- Workstation for operator aid / Assistance.
- Fully and semi-automated versions.



**COMPLETE
LINES**

A series of automation stations designed in-line to perform assembly and inspection operations for the production of complex components.

TAILOR-MADE TURNKEY SOLUTIONS



Manipulators for injection molding machines



Complete automation line for the assembly of safety components



Ski boot customized oven



Complete automated line for appliance component assembly

TAILOR-MADE TURNKEY SOLUTIONS



Die-cutting machine for rubber profiles with steel core



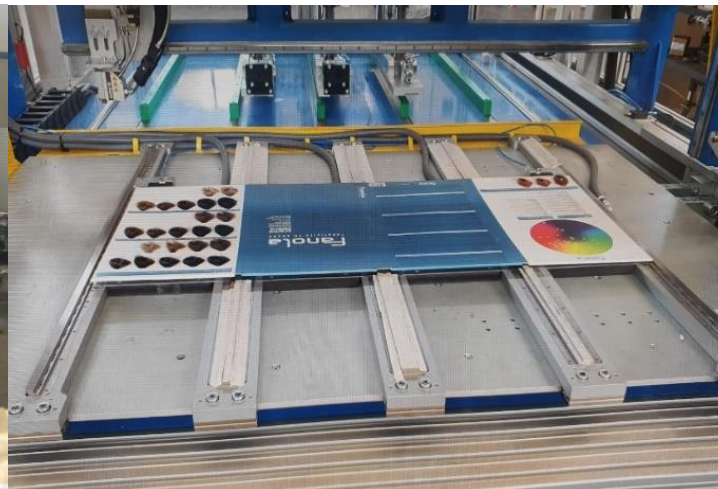
Machine with cutting heads for steel-reinforced rubber profiles



Plasma cleaning system and adhesive felt application.



Machine for cardboard spine creasing, glue application, and mechanical cardboard-to-sheet bonding

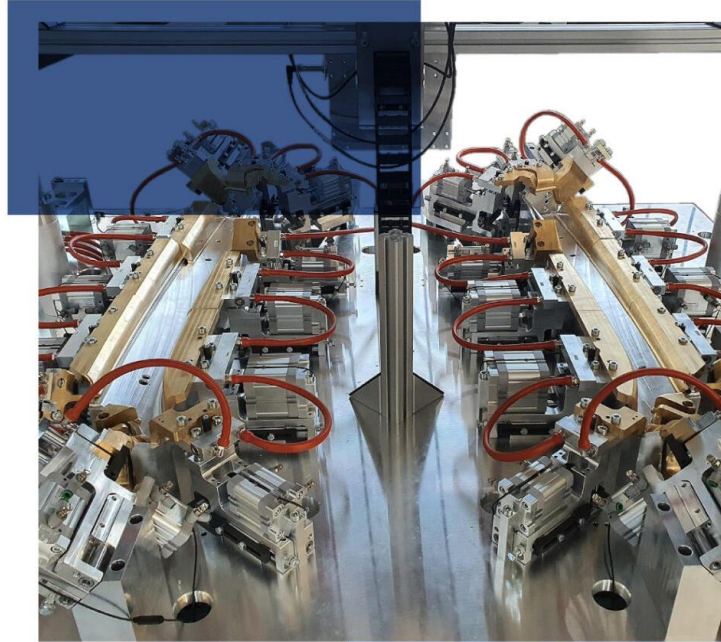


Folder flap folding machine following adhesive application

TAILOR-MADE TURNKEY SOLUTIONS



Ultrasonic welding station



Assembling of moulds for automotive interior



Workstation for steering wheel rivet insertion



Station for the assembling of air filters for automotive.



Automated transfer machine for hot stamping application, equipped with a rotary table.



Robotic station for automotive air filter assembly, marking, and quality control

SHARED ACHIEVEMENTS



Located in the heart of the Asolo and Montebelluna **SportSystem**, the world's leading hub for technical footwear, Asolmec fuels global excellence by providing cutting-edge technologies for those seeking performance that exceeds market standards.

Through this line, we aim to demonstrate our approach to advanced design, precision, and quality control, where every detail matters.

Precision, control, and attention to detail: this is how we transform complexity into reliability.



Avionics Sector
Airport landing light assembly line

THE ADVANTAGE OF OUR BESPOKE SOLUTIONS

Direct Professionalism:

With us, the relationship is human and immediate; you can communicate directly with our qualified technical staff without filters. This translates into a tangible advantage for your company: the person designing and physically building your system is the same person you interface with. The result? Rapid responses and profound technical expertise.

Maximum Flexibility:

Our lean structure allows us to implement technical changes and adjustments even during the production phase.

Historical Experience (since 1979):

Decades of experience mean we have already solved thousands of critical technical issues. Our reliability stems from a deep-rooted know-how built over the years.

Constant Presence:

More than just a supplier, we are a constant presence. We are the technological ally you can count on for every future challenge.



TRUSTED BY NUMEROUS PARTNERS



CONTACT US

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