

Engineering connected to your production.

Design, manufacturing and automation for maquiladoras, manufacturers and integrators. Supporting Ciudad Juárez, El Paso and other industrial regions of Mexico.

8+

**years of industrial
team experience**

Refers to the members' previous industry experience.

01 **Mechanical engineering**

CAD design, drawings, assemblies, component selection and pneumatic diagrams to develop or adapt equipment.

02 **Automation and control**

PLC programming, interfaces, sensors, pneumatics and LabVIEW applications based on process requirements.

03 **Machining and manufacturing**

Development and coordination of parts, spares, components and tooling based on drawings or reference samples.

04 **Custom equipment and stations**

Fixtures, nests, poka-yokes, workstations, test equipment, conveyors and safety guards according to the project.

05 **Additive manufacturing**

Polymer 3D printing for prototypes, functional parts and tooling; materials and processes selected for the application.

Let's discuss your project

WhatsApp +52 33 2578 1808

A clear proposal. A process you can review.

01 / Understand

Part, operation, context and expected outcome.

02 / Define

Concept, interfaces, deliverables and acceptance.

03 / Develop

Coordinated design, manufacturing and integration.

04 / Review and deliver

Agreed functions and closure documentation.

Applications on the production floor

ASSEMBLY

Fixtures, nests and stations for positioning and holding.

VERIFICATION

Poka-yokes, sensors and checking sequences.

TRANSFER

Conveyors and stations for part movement.

TESTING

Test equipment, data acquisition and LabVIEW.

5S and agreed quality criteria

Workplace organization, material requirements, dimensions, function and documentation. Deliverables and checks are detailed in each project proposal.

To get started, share:

The need and expected outcome; available drawing, 3D model or sample; quantity and material; city, target date and intervention conditions.



Open WhatsApp

Lib. Regional 8204, Campestre Arboleda, 32409 Ciudad Juárez, Chihuahua.

Monday to Friday / 7 a.m. to 6 p.m.