



Basic and Detailed engineering
for Industrial plants.

CORPORATE BROCHURE





ABOUT US

We are a multidisciplinary team of experts in basic and detailed engineering.

We specialize in the planning, design, and management of industrial projects, providing a personalized approach to take your projects from concept to execution with efficiency and precision.

CONTENTS



Who We Are

Learn about our values, team, and corporate social responsibility.



Quality Policy

We offer high-quality services that satisfy clients and partners, supported by a skilled team committed to continuous improvement.



Our Services

Basic and Detailed Engineering Services
Workshop Manufacturing
Technical Profile Consulting



Projects and Success cases

Learn about the details of the projects we have completed for various industries.



Strategic Alliances

Partners and Allies of Ingenera SRL.

VALUES



Commitment



Innovation



Efficiency



Safety



Sustainability



Visit our website.

MISSION

Our mission is to provide comprehensive and reliable engineering solutions, enabling our clients to focus their efforts on the activities that constitute their greatest strengths.

We are committed to achieving solutions that are effective, efficient and sustainable.

VISION

Our vision is to be a reference in quality engineering solutions, excelling in innovation, technical excellence, and service, with a strong commitment to safety, sustainability, and the development of our community.

QUALITY POLICY

To provide high-quality services, projects, and installations that meet established requirements and ensure customer satisfaction, successfully aligning the expectations of clients with those of partners, shareholders, employees, and suppliers. To understand the requirements and demands of the assigned work, executing it correctly the first time in a safe, effective, and efficient manner. To ensure that our personnel are properly trained, motivated, and maintain an innovative attitude, understand our work processes, identify with them, and are committed to continuous improvement.

To promote sustainable development through responsible operations that respect the environment and the social context.

Carlos Fuentes Lester
General Manager.



OUR SERVICES



Engineering and Projects

Basic and detailed engineering.
Surveys, documentation support,
and plans.
Project and construction
management for service stations.
Construction inspections for energy
and infrastructure.



Workshop Manufacturing

Renewable energy.
Industrial services.
Process manufacturing: piping and packaging.
Fabrication of metal structures and
comprehensive solutions.



Technical Profile Advisory

Human resources consulting aimed at the
engineering sector.
Recruitment and selection of technical profiles.

PRECISE RESULTS IN RECORD TIME.

Capture, Process and Model

Engineering developments to build with quality while minimizing project timelines and budgets. On-site surveys, model generation, extraction of plans, and calculation reports.



**Scanning and
point cloud**



**3D
Modeling**



**Smart 3D
model**

Allow us to collaborate with you by delivering your project with precision and on time, while assisting you with BIM/CAD consulting, content creation, and production.

Success cases



OIL & GAS

Detailed engineering and 3D scanning in a refinery with a total area of 52.645 m²
Location: Campana - Arg.

[View Project.](#)



MINING

Detailed engineering in a lithium carbonate pilot plant.
Location: Catamarca - Arg
4.514 HH.

[View Project.](#)



ENERGY

3D scanning of assembly bays.
Total area of (18.500 m²)
Location: Pacheco Bs.As.

[View Project.](#)



ENGINEERING

Detailed engineering, supervision, and control of the electrical installation for the injection molding facility.
Location: Cañuelas. Bs. As. Arg

[View Project.](#)



OIL & GAS

DI AND 3D SCANNING IN A REFINERY.

Location: Campana

Client: Confidential

Delivered material:

Colored point cloud

Files CAD

Total area surveyed:

53.000 m²

Detailed engineering for different areas of the refinery using a 3D survey completed in just 7 days.

The project involved laser scanning of several units within the refinery.

Services provided

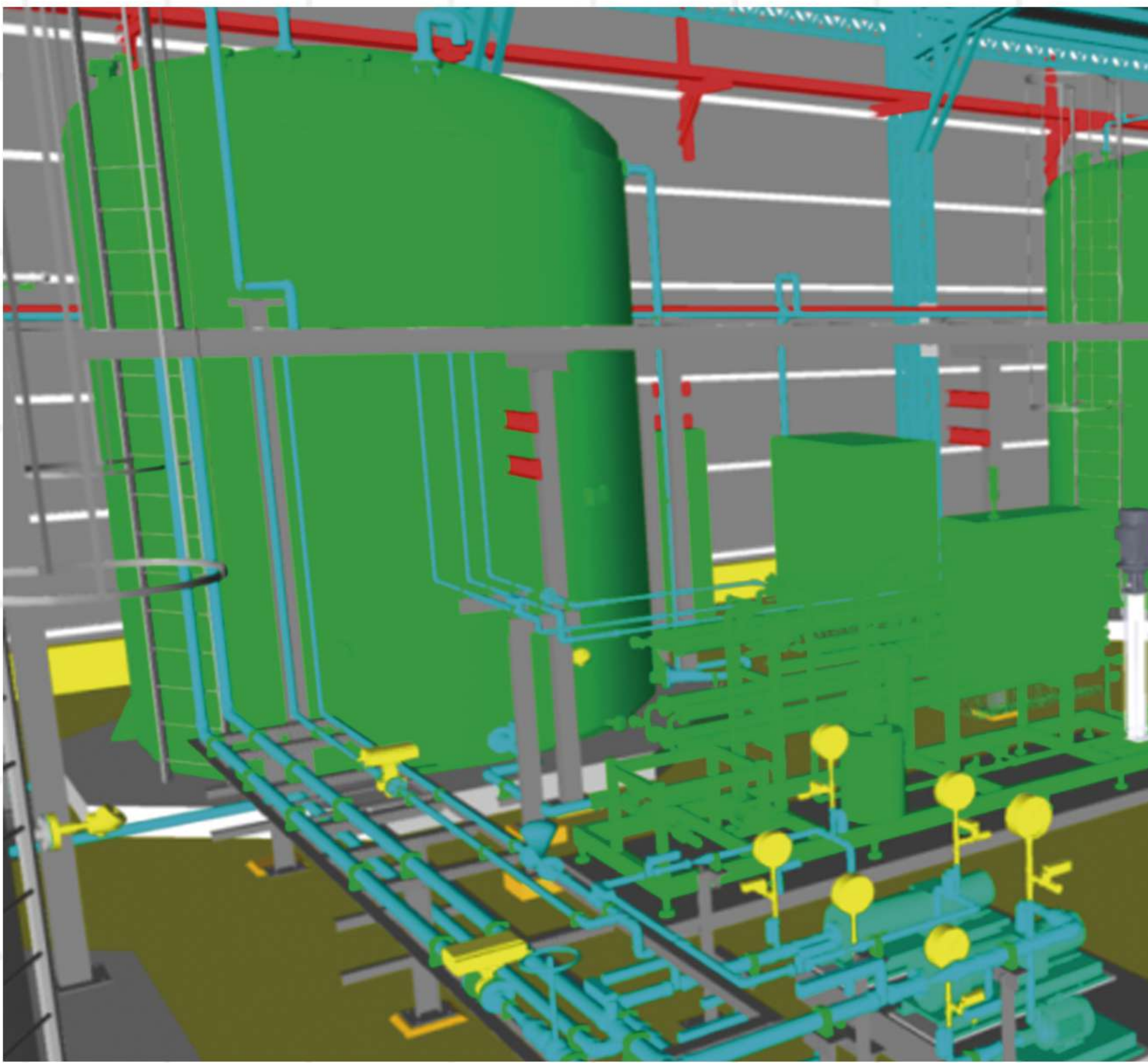
Surveying of facilities using Faro laser scanner.

Panoramas and colored point cloud.

Georeferencing.

Layout with the location of surveyed points.

3D scanning of seven refinery areas, including equipment, service and process piping, metal structures, HVAC, electrical and instrumentation equipment, and conduits.



MINING

DI LITHIUM CARBONATE PILOT PLANT.

Location: Catamarca

Client: Confidential

Modeling of a model for a **mining plant**, encompassing various disciplines in a multidisciplinary approach.

This was a large-scale project involving civil and piping disciplines, contributing 4,500 man-hours over 6 months.

Services provided:

- Piping and electrical work.
 - Calculation report, foundations, structures, and equipment.
- Isometric material calculations for fabrication.
Electrical conduits.



ENERGY

3D SCANNING OF ASSEMBLY BAYS.

Location: Pacheco,
Buenos Aires.

Client: Confidential

Total area surveyed:
19.000 m²

Laser scanning of 88 assembly bays followed by the creation of the corresponding digital models.

Services provided:

Surveying of the facilities using Faro 3D scanner.

Processing of the obtained survey, including binding and cleaning of the point cloud / Visualization using RECAP.

3D modeling with parametric information and generation of a digital model according to the following scope:

- **Architecture:** Interior walls, structural walls, exterior walls, window and door exteriors, stairs, and ceilings.
- **Structure:** columns, steel structures, beams, slabs, roofs, and mezzanine structures.
- **Installations:** air conditioning, electricity, plumbing.



ENGINEERING

DI AND ELECTRICAL WORK SUPERVISION

Location: Cañuelas,
Buenos Aires. Arg.
Client: Confidential

The project involved the preparation of detailed engineering documentation and the supervision and control of the **electrical installation assembly for the injection molding facility.**

Services provided:

On-site survey.

Layout for substation relocation.

Short-circuit level calculations.

PAT network plan.

Calculation of feeder sections.

Power and lighting conduit plans.

Lighting calculations.

Typical electrical connection and assembly drawings.

Functional planimetry / single-line and three-line diagrams.

Más de **13 años**
ofreciendo
soluciones de
excelencia.



Asunción, Paraguay.

Oficina Administrativa - Comercial

Río Cuarto, Córdoba. Argentina

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Oficina Técnica- Productiva

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