

INDUSTRIAL PLANT
CONSTRUCTION
AND SERVICES

[Your **best partner**
to get the job done!

info@bws-global.com

About BWS

More than 30 years of
engineering services
experience.



More than 150 referrals
and **satisfied customers**
in the last 8 years.



BWS MEXICO was created under the name **BAUER MÉXICO**, representative of the important **BAUER Group** in Schrobenhausen, Germany.

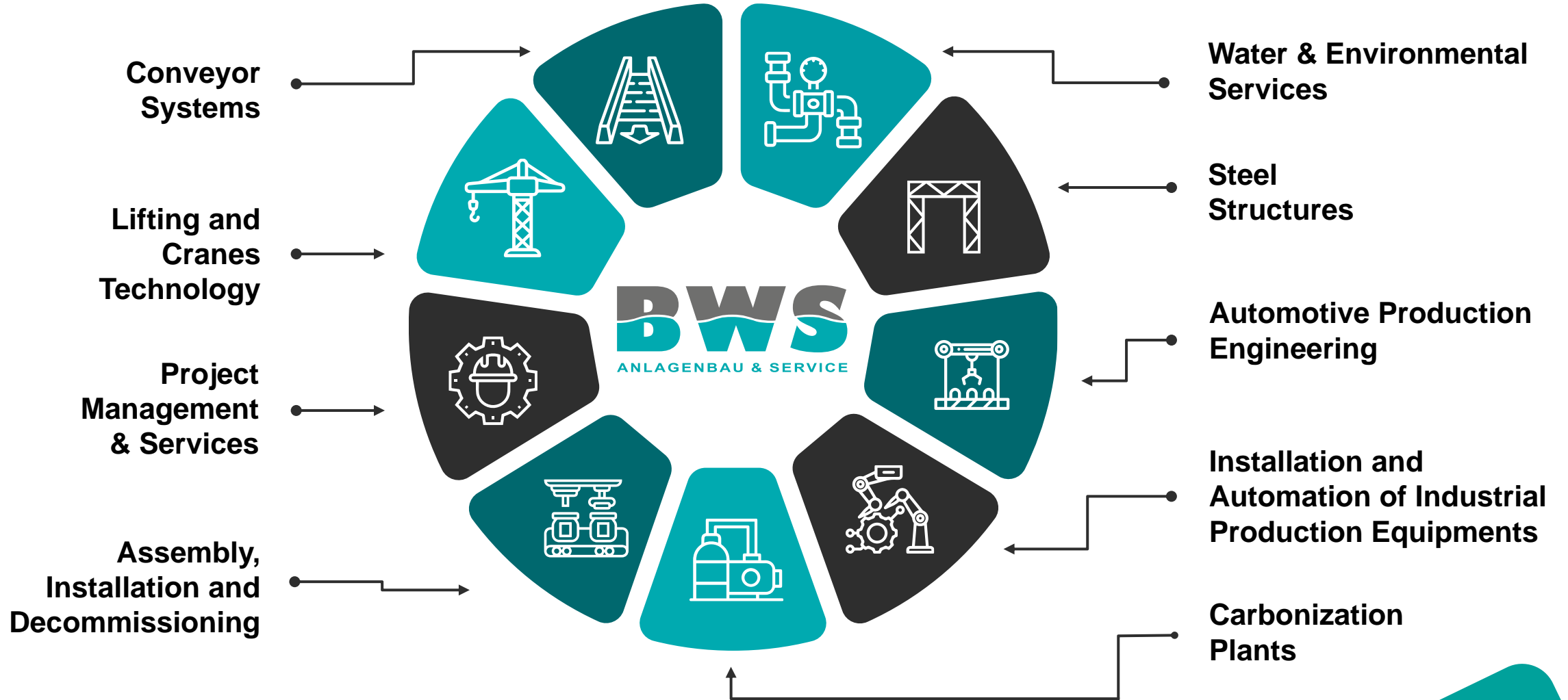
The focus of the activities is oriented towards the treatment and conditioning of industrial water under the banner of **BAUER Water**.

We evolved to **BWS MEXICO** and performed jobs side by side with **BWS Anlagenbau & Service** based in Oberndorf am Neckar, Germany, in a new stage of independence from the **BAUER Group**.

BWS Group develops engineering, fabrication, installation and maintenance of components and equipment for diverse industrial applications such as: water, environmental, conveyor systems, steel structures, automated production assistance systems and crane technologies. **BWS USA LLC** is founded.



Business Units



Our strenght, Our people

**BWS is formed by experienced
leaders with solution-based mindset.**

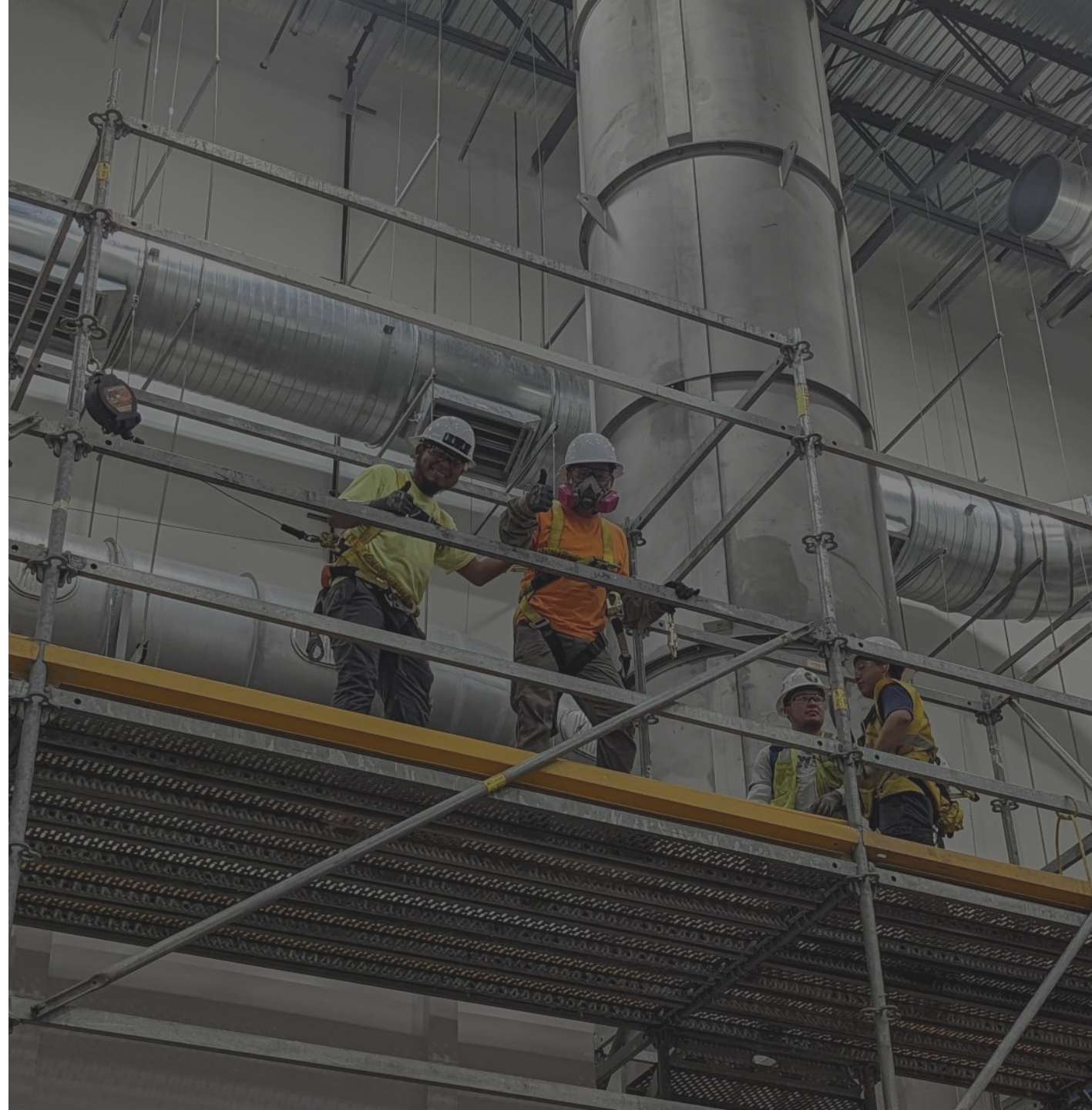
Our team is the most powerful value of BWS. We've developed knowledge throughout more than 30 years. Each of our key personnel has at least 15 years of experience.

Our **international specialists** will assist you with the following well funded fields of expertise:

**Mechanical Engineering, Civil Engineering,
Environmental Engineering, Programming**

**Experience in international
Projects with major clients**

**Multilanguage: English,
German, Spanish**



Conveyor Systems

- Planning of new systems and modernization of existing plants
- Creation of the requirement specifications
- Layouts and technical design in the fields of building, conveyor technology, process engineering and automation
- Consulting for global implementation
- Critical path analysis and automated implementation Lay-outs
- Dynamic structural analysis of conveyors
- Design of furnaces and booths for painting and leak test booths



Water & Environmental Services

Water Treatment

- Engineering, Assembly, Commissioning
- Plant Optimization, Spare parts, Maintenance, Training
- Expertise: Process Water, Drinking Water, Industrial Wastewater, Recycling, Special Solutions
- Markets: Automotive, Food & Beverage, Chemical, Oil & Gas, Pharma, etc.



Environmental Services

- Design & Construction of Wells
- Geohydrological modelling
- Waste Management, Recycling & Waste to Energy
- Alternative Energy
- Remediation of contaminated Soils and Aquifers
- Special Solutions
- Representative of the Environmental Cluster of Baviera

We represent the Environmental
Cluster of Baviera in Mexico!

UmweltCluster
Bayern

Steel Structures

- Static structural analysis
- Seismic and dynamic structural analysis
- Steel, PP & PVC tank calculation
- Revision and corresponding adjustments to comply with mexican regulations
- Detail Engineering Prosteel
- Elevated warehouse structures
- Mechanical Installation



Assembly, Installation and Decommissioning

Mechanical & Electrical Installation

- Highly Qualified Staff
- Representation in USA & Mexico
- Industrial Safety personnel
- Mechanical Installation Material
- Special Tools
- Safety Equipment
- Welding and Pneumatic Services
- Electrical Material
- Works in Electrical Cabinets

Decommissioning


- Industrial and Heights Cleaning
- Facilities Painting
- Electrical and Mechanical Disassemble
- Collapse of walls
- Debris removal
- Luminaire Change
- Used Accessories Replacement




Automation



Automation

- Process Automation (PLC & Robots & Scada)
 - Process Optimization (MES ; Manufacturing Execution System)
 - Handling and Transport Systems
 - Drives / Motors
- 

Electrical Engineering

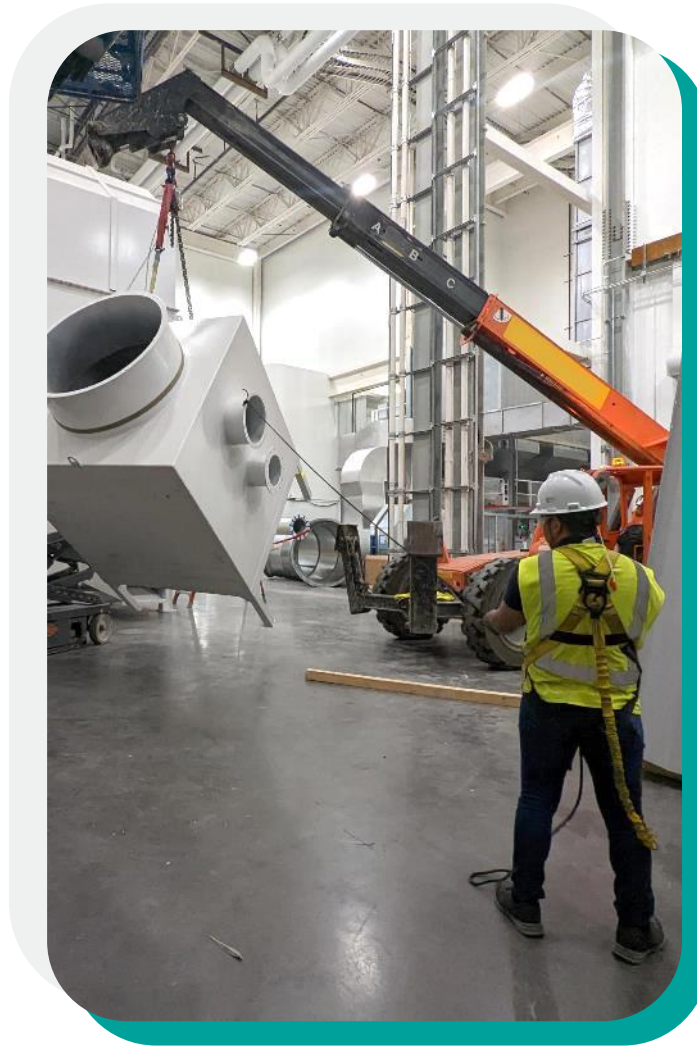
- EPLAN Engineering
 - Software Engineering
 - Switch cabinet construction
 - Installation techniques
 - Commissioning, Test, Training
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Lifting and Cranes Technology

Cranes

- Static structural analysis
- Manufacture of traveling cranes, jib and hoists
- Design and engineering of traveling cranes up to 20t and 20m span.
- Training and updating courses in safe operation of cranes.
- Topographic studies, geometry of runway and bridges and traveling cranes
- Design of foundations, columns and runway beams.



Lifting platforms

- Representative in México of **Consul Werkstattausrüstung GmbH** and **JA Becker Hebetchnik**
- Engineering of special solutions
- Standard lifting solutions
- Corrective & preventive maintenance



Modern Carbonization Pyrolysis Technology

- Carbonization pyrolysis, throughout thermal decomposition of organic matter at elevated temperatures that leave solid residue of elemental carbon.
- Use the problem solver Biochar, a plant technology that converts residual materials into valuable substances to actively contribute to climate protection.

Services

Maintenance & Service


- Installation/ mounting, start-up, operation
- Start-up and production assistance
- Plant optimization
- Plant revamping/redevelopment
- Maintenance scheduling
- Reparation scheduling
- Service support
- Service/maintenance contracts
- Spare parts management & supply
- Trainings and refresher trainings
- Remote maintenance
- 24/7 Support





Automotive **Production** Engineering

Maintenance & Service

- Development and implementation of experimental laboratories of all kinds
 - Development, design and construction of
 - Climatic chambers
 - Test tracks
 - Test Benches
 - Dust protection at company ground, production and manufacturing facilities
 - Hermeticity Cabins
 - Provision of drivers for 24/6 vehicle endurance tests
 - Steel construction implementation
 - Adaptation and expansion of existing facilities
- 



Project Management

- General contractor coordination for small and major projects for new and existing constructions
- Global experience
- Change management
- Feasibility analysis
- Reporting
- Schedule and resource control
- Project controlling
- Construction site management
- Financial vs Performance Reporting

Plastic Welding Devices

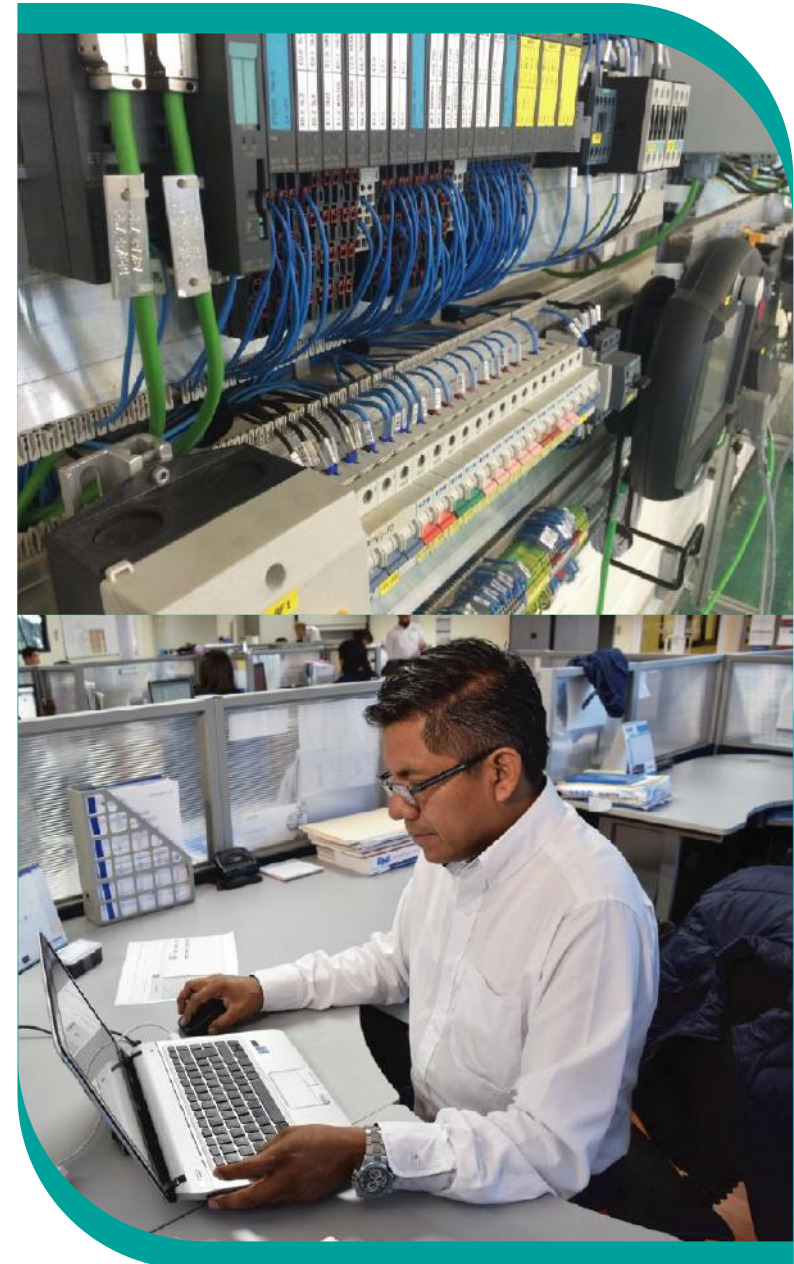


- Distribution, installation, service and refurbishments of Ultrasonic Welding machinery.



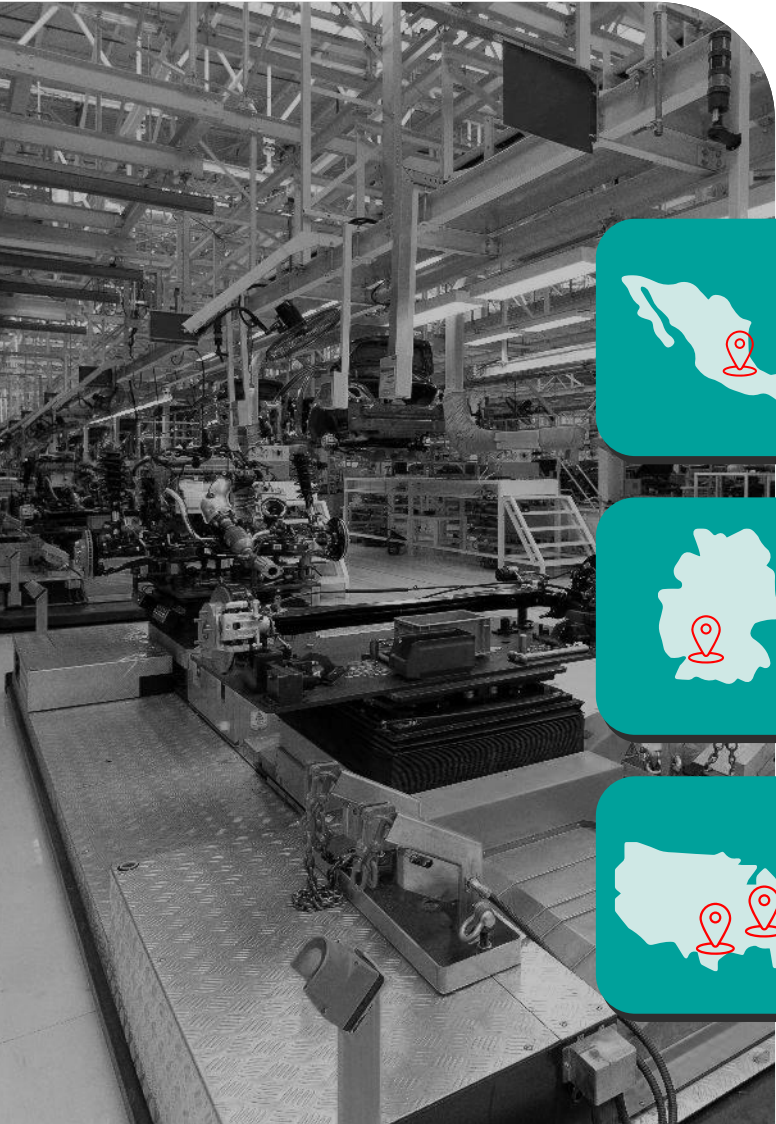
Programming and Engineering

- Engineering solutions made to measure under certification.
- Experts in industrial electrical installations.
- Specialized staff certified in the main industrial technologies for electronic control applications.
- Industrial boards as well as robotics and PLC programming.



Strategic Allies





Locations

MEXICO

Francisco I. Madero 910
San Andres Cholula
Mexico

GERMANY

Teckstrasse 11
Oberndorf am Neckar

USA

San Antonio, Texas
Chattanooga, TN



Chambers Member And Business Associations

Member of



Deutsch-Mexikanische
Industrie- und Handelskammer
Cámara Mexicano-Alemana
de Comercio e Industria | CAMEXA

Representation
of



Member of



Representation
of



dun & bradstreet

Main Clients



FORVIA



GOLD



InPro electric



Beiersdorf



SIEMENS

KUKA

ATN



VOLVO





Your
BEST PARTNER
to get the job done!

We focused on:

Long-term
**partnerships
and business
relationships.**

Deliver
**Sustainable
added values**
to our clients.

Building lasting
**business
relationships
and alliances.**

A dark, semi-transparent image showing a person from behind, wearing a white safety vest with the 'DWS' logo on the back. The person is standing next to a metal forklift. The background is dark and indistinct.

What can we do for you?

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