COREPEX

INDUSTRIAL TURNKEY SOLUTIONS FOR GLOBAL MANUFACTURERS

Engineering, Industrial Services & Supply Chain

Engineering · Installation · Automation · Supply Chain

European Focus. International Delivery. Engineering Partners & Industrial Suppliers

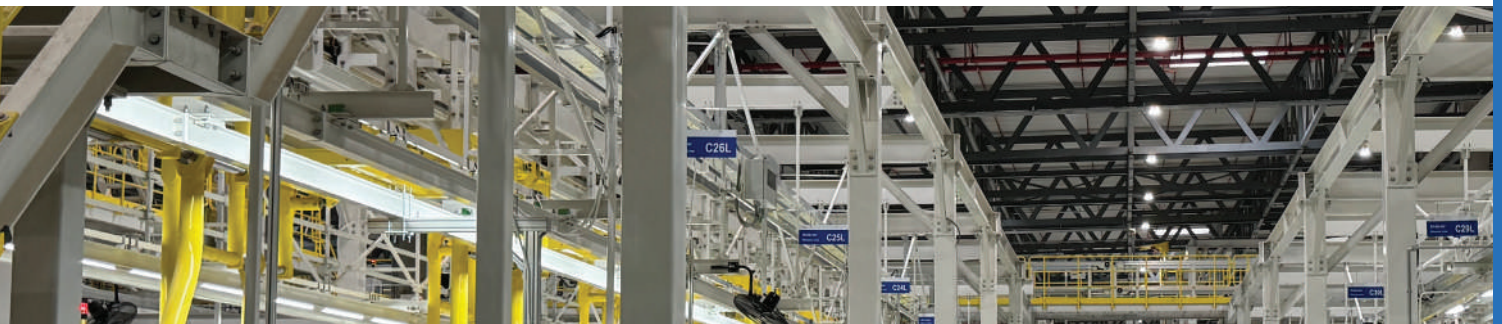


ABOUT COREPEX

COREPEX connects industrial engineering, project delivery and supply chain development for global manufacturers. We support factory establishment, upgrades and production operations through coordinated engineering, installation and procurement.

Our scope includes steel structures, industrial utilities, equipment installation, automation support and sourcing of custom industrial products. We work with specialist contractors and manufacturing suppliers selected for each project.

With a European focus and international coordination, COREPEX helps customers turn technical requirements into clear scopes, suitable supply routes and practical delivery plans.





WHY COREPEX

Full Construction Capability

Civil, structural and MEP packages coordinated with suitable specialist contractors.

Global Presence

European sourcing and project coordination supported by an international engineering network.

Integrated Delivery

Engineering, installation and procurement coordinated around one defined project scope.

International Code Compliance

Local technical requirements, applicable standards and customer specifications built into the scope.

Certified Safety Management

Safety planning and site requirements coordinated with delivery partners and the customer.

Qualifications, permits and specialist resources are confirmed for each country and project scope.

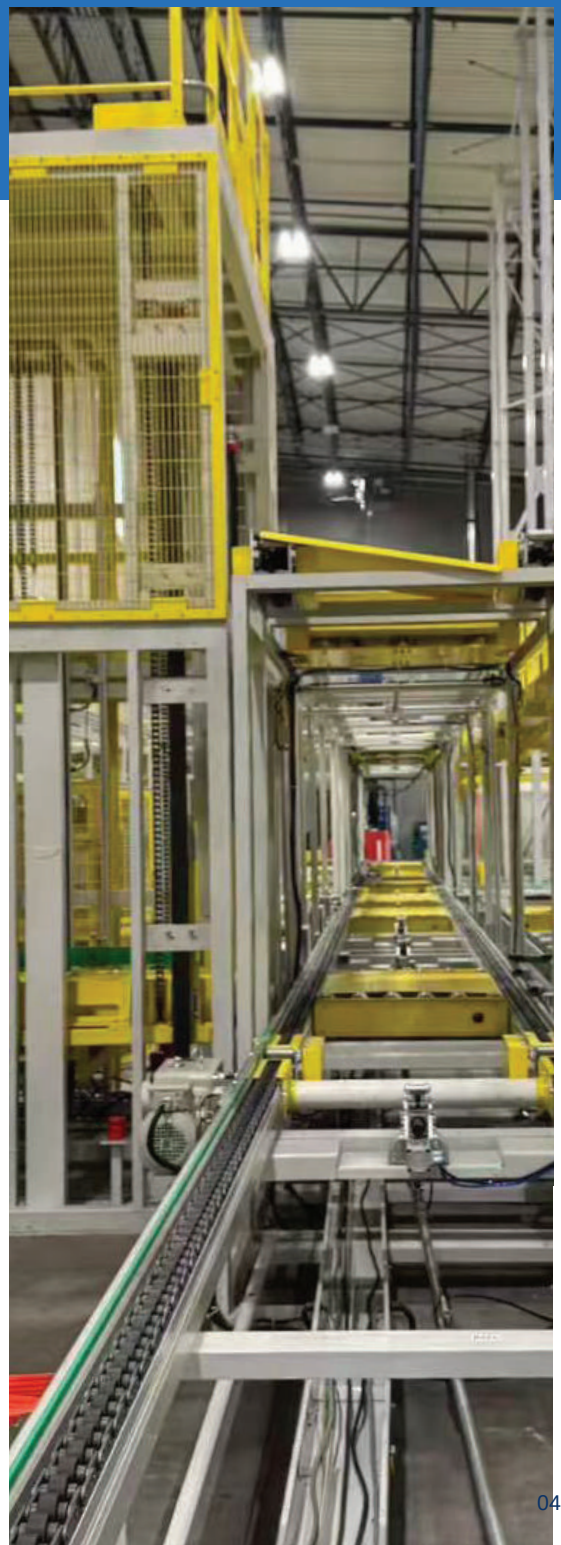
COREPEX

ENGINEERING & DESIGN CAPABILITY

Strategic Design Partner

Shenzhen Architectural Design & Research Institute Co., Ltd.

The original Overseas Industrial engineering network includes Shenzhen Architectural Design & Research Institute (SZAD). Its industrial planning and design experience provides a reference for specialist collaboration; project participation is confirmed for each scope.

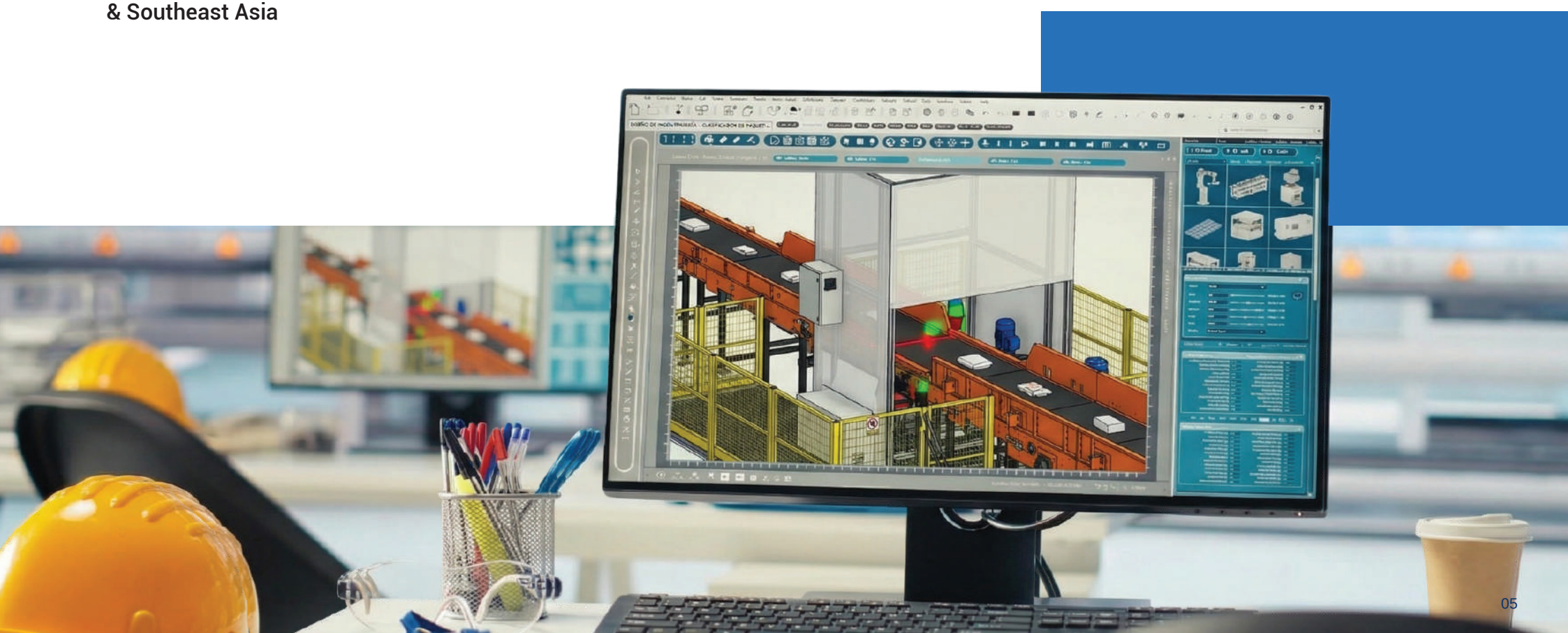


Partnership Highlights

Integrated design organization of ~3,000 professionals
Nearly 100 large-scale industrial and mixed-use projects delivered
Projects ranging from 100,000 m² to over 2,000,000 m²
Experience in high-tech parks, headquarters campuses & urban renewal
Active collaboration in Mexico, USA, Hong Kong, Australia & Southeast Asia

Design Scope

Industrial Park Planning · Factory Architectural Design · Engineering Coordination · Large-Scale Project Design Capability



Core Engineering Capabilities



Industrial Park & Factory Design

01 High-tech industrial parks
02 Headquarters campuses
03 Industrial new towns
04 Ultra-large mixed-use developments



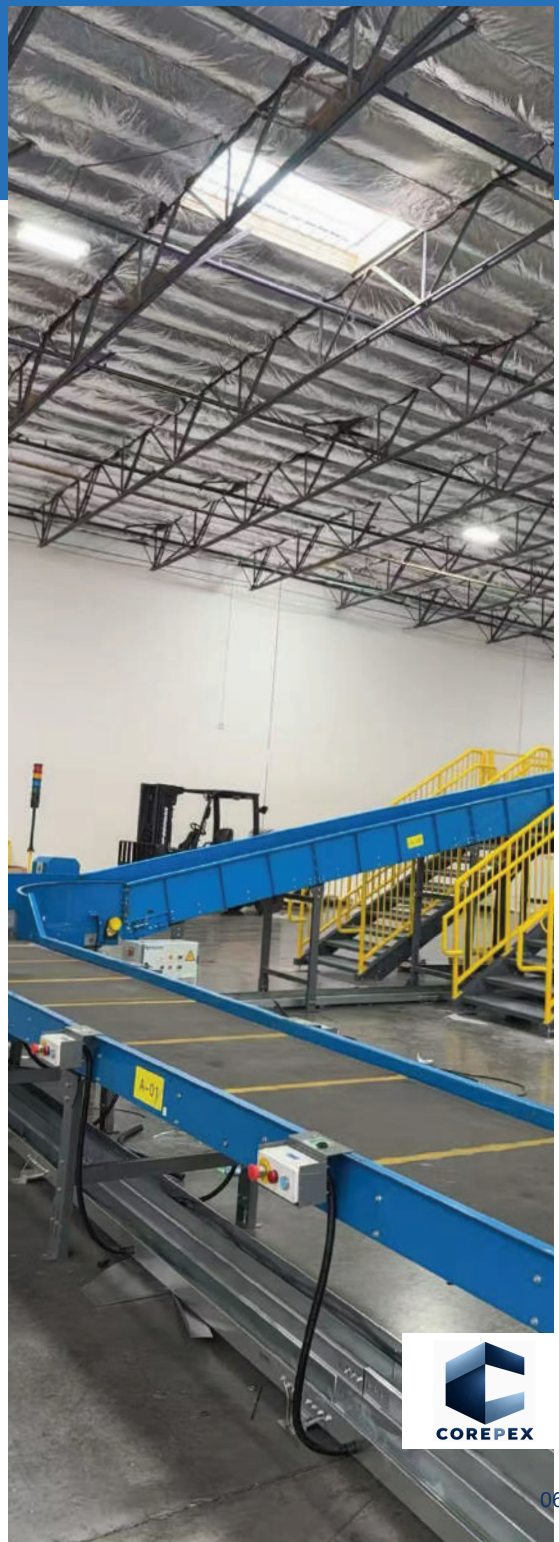
Complex Project Leadership

01 Multi-million m² project capability
02 High-density, high-complexity integration
03 Multi-party collaboration frameworks
04 Full design-to-delivery cycle



International Coordination

01 Cross-border design & permitting
02 Local regulatory compliance
03 Government liaison & approvals
04 Global architectural team collaboration



COREPEX

COREPEX

EUROPEAN PROJECT RESOURCES

Site delivery resources and local support from the supplied project material.

Insurance & safety

Construction insurance capacity stated in the supplied material: EUR 20 million. Policy scope and project coverage require confirmation. Safety officers and assistant safety personnel support site planning.

Technical qualifications

Electrical, welding, forklift, access-platform operation, work-at-height and chemical-anchor installation qualifications. Personnel certificates are matched to the assignment.

Local delivery support

Local-language translation, support for overseas contractors with local qualification procedures, and established channels for European-standard materials.

Transport & logistics

Sea, road and air freight coordination, customs clearance, delivery to site, factory warehousing and internal transport support.

COREPEX

INSTALLATION & FACTORY SERVICES

Industrial delivery scope integrated with procurement and commissioning support.

Building & utilities

Factory fit-out, internal renovation, HVAC, clean workshops, industrial piping, power distribution and low-voltage systems.

Production infrastructure

Steel structures and platforms, automated warehouses, mechanical and electrical installation, and production-line installation.

Controls & operational support

Electrical controls, industrial network installation, equipment commissioning, troubleshooting, monitoring and maintenance.

Supplier sourcing and European materials procurement support the installation scope, with technical interfaces and site schedules agreed before execution.

COREPEX

EUROPEAN WORK EXPERIENCE

Countries identified in the supplied project material.

Germany	**Czech Republic**	**France**
Spain	**Italy**	**Netherlands**
Denmark	**Poland**	**Hungary**

Cross-border project coordination combines installation teams, local-language support and materials supply.



OUR SERVICES

Industrial Construction & Installation

01 Data Center Design and Construction
02 Steel structure installation
03 HVAC & Fire Protection Systems
04 High & Low Voltage Electrical
05 Industrial Solar Systems
06 Intelligent Warehouse / ASRS Installation
07 Production Line Installation & Commissioning
08 Cleanroom Construction

Automation & Technical Engineering

01 PLC programming (Siemens, Allen-Bradley, ABB)
02 SCADA & dispatching systems
03 Control cabinet design & assembly
04 Equipment relocation worldwide
05 Automation system integration

Government Approval & Compliance

01 Construction permit application
02 Building registration & filing
03 Environmental Impact Assessment (EIA)
04 Land due diligence
05 Utility applications (electricity, gas, water)
06 ISO certification support
07 IMMEX program consulting (Mexico)
08 USMCA compliance advisory



TURNKEY FACTORY DEVELOPMENT

A factory project combines engineering, installation, compliance and procurement across several disciplines. COREPEX aligns the interfaces from planning and technical clarification through execution and handover.



OUR PROCESS

01 Site Selection & Due Diligence

02 Engineering Design

03 Regulatory Approvals & Permits

04 Civil & Structural Construction

05 MEP Systems Installation

06 Production Line Installation

07 Automation Integration

08 Commissioning & Handover

OUR PROMISE

We connect engineering delivery with industrial supply. Every package is coordinated around agreed technical requirements, responsibilities, safety needs and acceptance criteria.

Every project is delivered with:

01 Coordinated engineering and installation scope

02 Technical and handover documentation

03 Site-specific safety and compliance coordination

04 A clear commercial and coordination interface

05 Progress, quality and delivery follow-up





SELECTED PROJECTS

Selected Overseas Industrial project references from the original brochure. Customer names and project scope retained with original attribution.

COREPEX

CATL GERMANY FACTORY PROJECT

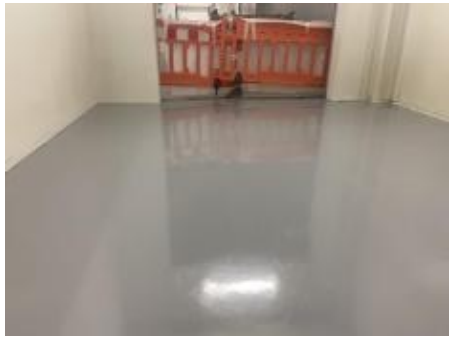
Thuringia, Germany / Factory fit-out, epoxy flooring, ceiling installation, low-voltage systems, steel platforms and production-line support.















COREPEX

JD INDUSTRIAL WAREHOUSE PROJECT

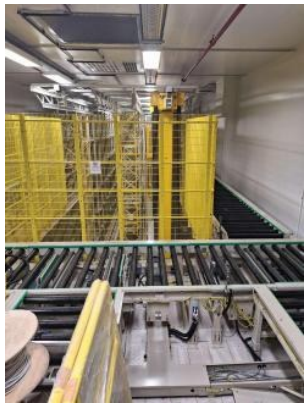
Germany / Industrial automated warehouse installation project.









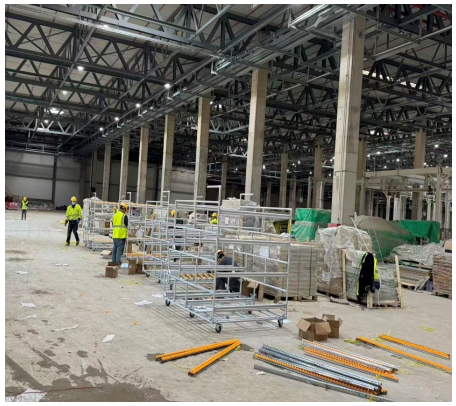




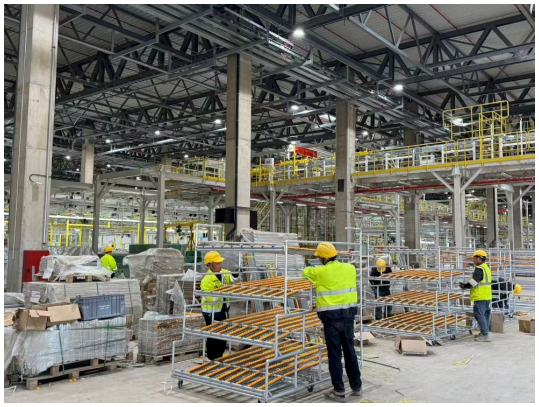
COREPEX

BYD / JD INDUSTRIAL WAREHOUSE

Hungary / Flow-rack warehouse project at the BYD factory.







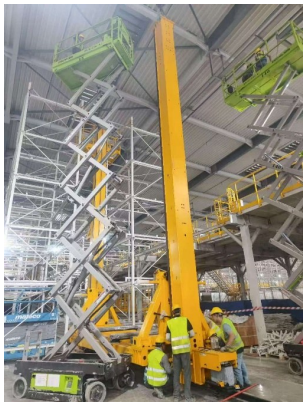


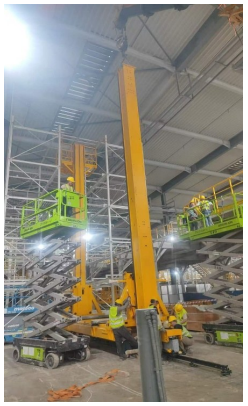
COREPEX

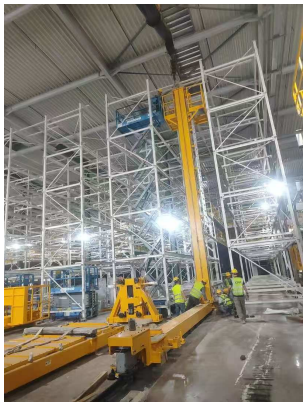
BYD / YONGQIAN AUTOMATED WAREHOUSE

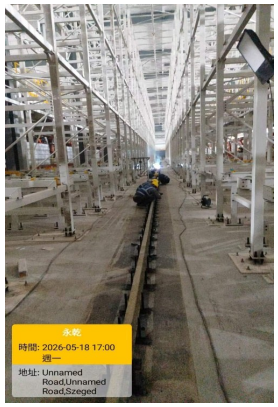
Hungary / Automated warehouse installation project at the BYD factory.

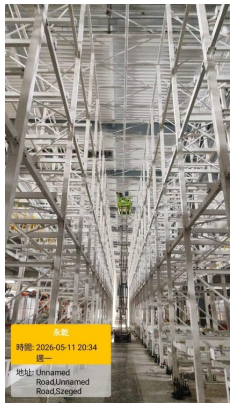


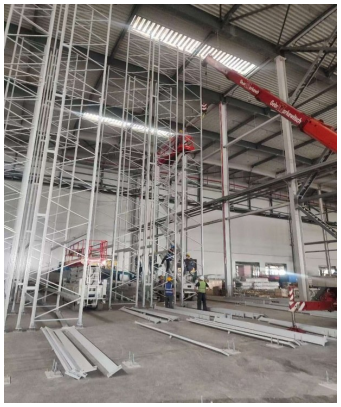












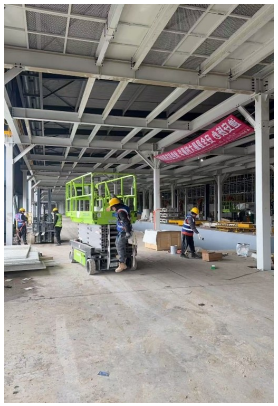
COREPEX

BYD / YOTELY STEEL PLATFORMS

Hungary / Steel-platform installation project at the BYD factory.









COREPEX

OVERSEAS WAREHOUSE RACKING

Poland / Warehouse storage-rack installation project.





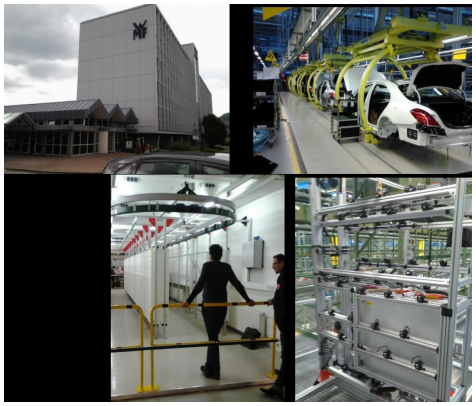




COREPEX

WMF PRODUCTION-LINE PROJECT

Germany / Production-line construction and installation project.







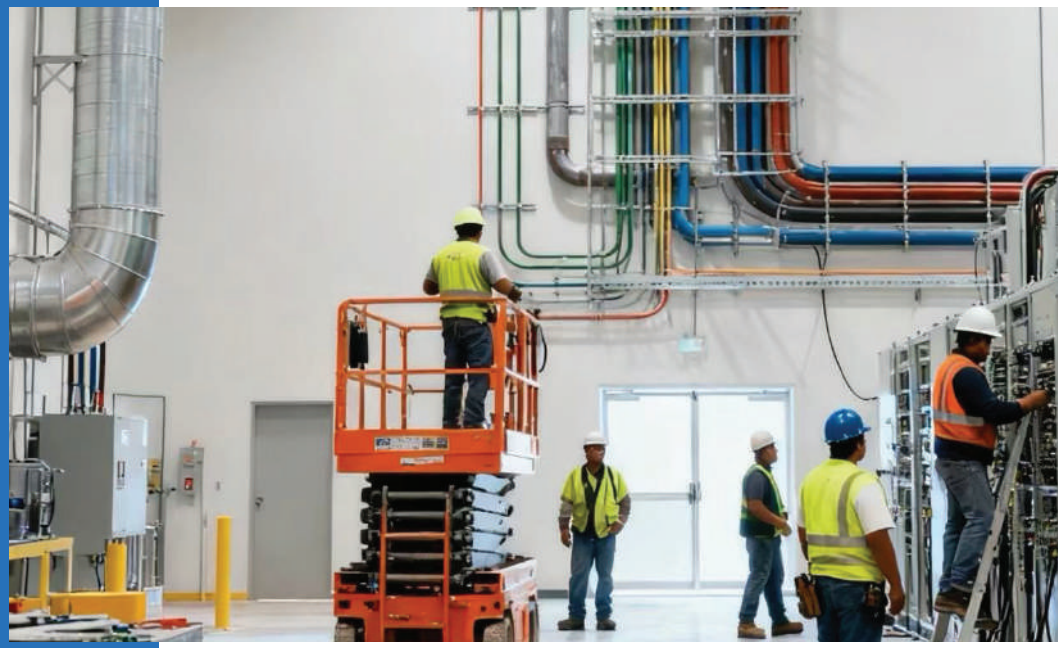


WAREHOUSE STORAGE SYSTEM INSTALLATION TYPE

Industrial Storage Scope: Heavy-duty racking systems (2,000 kg capacity), safety fencing and industrial storage infrastructure.
Standard: IBC · OSHA 30
Location: Irapuato, Mexico

INDUSTRIAL UTILITY & COMPRESSOR SYSTEM TYPE

Industrial Infrastructure Scope: Air compressor and ventilation system installation, hazardous material storage facility and industrial pipeline integration.
Standard: NEC · OSHA 30
Location: Irapuato, Mexico





INFRASTRUCTURE & SMART FACTORY SYSTEMS TYPE

Smart Factory Scope: Data center setup, UPS systems, network switching, fiber optic infrastructure, CCTV, access control and factory wireless network.
Standard: NEC · IBC
Location: Mexico

SMT PRODUCTION WORKSHOP RENOVATION

Type: Industrial Manufacturing
Scope: Full SMT workshop renovation including industrial utilities integration, equipment installation and infrastructure upgrade.
Standard: NEC · OSHA 30
Location: Tijuana, Mexico



ENGINEERING & DESIGN CAPABILITY

01

SMT Production Workshop Renovation

Tijuana, Mexico | Client: Baja Fur / Segue

- Manufacturing Services
- SMT workshop renovation
- Industrial utilities integration
- Equipment installation
- Infrastructure upgrade

02

Industrial Utility & Compressor System Installation

Irapuato, Mexico | Client: ANWEN Automotive System

- Air compressor installation
- Industrial ventilation system
- Hazardous material storage facility
- Industrial pipeline installation

03

Industrial Warehouse Storage System

Irapuato, Mexico | Client: ANWEN Automotive System

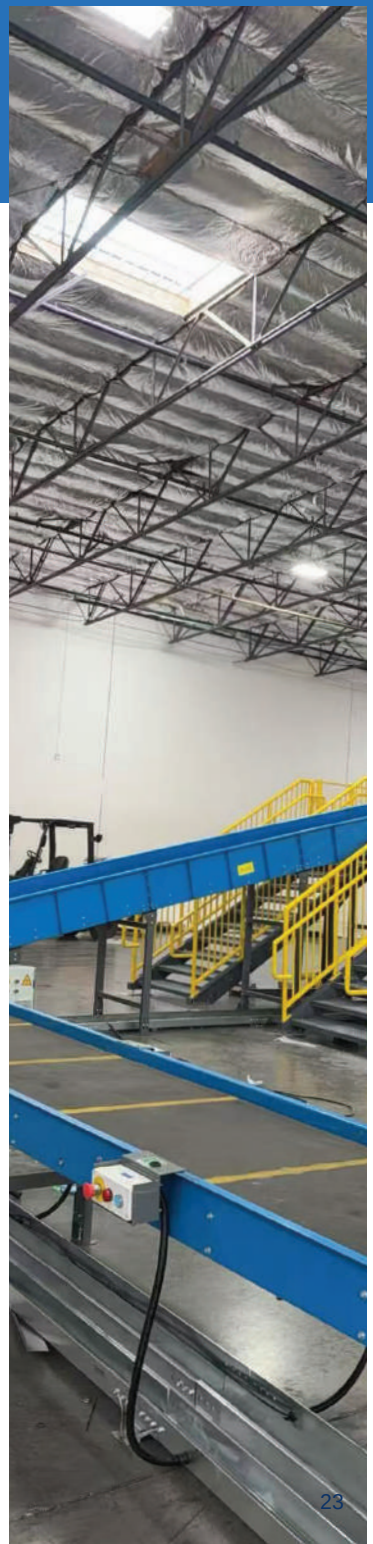
- Heavy-duty warehouse racking systems
- Safety fencing systems
- Industrial storage infrastructure

04

IT Infrastructure & Smart Factory Systems

Mexico | Client: Jessica Mexico Transmission

- Data center cabinets & UPS systems
- H3C network switching infrastructure
- Fiber optic infrastructure
- CCTV & security surveillance systems
- Access control systems



MARKETS & SECTORS

COREPEX focuses on manufacturers developing, upgrading or operating industrial facilities. Our service scope combines project coordination, specialist installation and industrial procurement, with an emphasis on automotive, EV, electronics and related manufacturing.

INDUSTRIES WE SERVE

01 Data Centers & Technology Infrastructure

02 Automotive & EV Manufacturing

03 Electronics & Semiconductor Assembly

04 Chemical & Petrochemical

05 Pharmaceutical & Medical Devices

06 Logistics & E-commerce Fulfillment

07 Food & Beverage Processing



COREPEX

CHINESE INDUSTRIAL CLIENTS & PARTNERS

Additional client and partner references from the supplied project presentation.









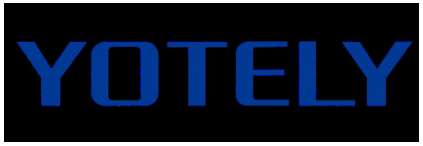














COREPEX

EUROPEAN INDUSTRIAL CLIENTS & PARTNERS

Additional client and partner references from the supplied project presentation.

WEMEFA® FIXING TECHNOLOGY a member of iProcess Technologies

Apollo

Mercedes-Benz

Audi

WMF

Volkswagen

MediaMarkt

Safelog Pilot Logbook

woltu energy

CLIENTS & PARTNER NETWORK REFERENCES

Client and partner names and logos are retained from the original Overseas Industrial brochure. They illustrate that company's network and references; customer relationships and participation are confirmed for each COREPEX project.



COREPEX

Strategic Partners & Collaborators

01

Government & Economic Development

San Luis Potosí State Government

Guanajuato State Government

02

Academic & Research Institutions

MIT — Massachusetts Institute of Technology

Clark University

SBDC — Small Business

03

Industrial Digital Infrastructure

H3C — IT & Network Infrastructure

China Mobile — Connectivity Solutions

04

Automation & Industrial Control

SUPCON — Process Automation

Shunli Automation — Factory Automation

Structured cabling & factory wireless network

Network references retained from Overseas Industrial Projects; specific participation is confirmed separately.





05

Smart Manufacturing Infrastructure

Midea Group — Industrial HVAC & Systems
Hisense on top
Lingyun Industrial — Manufacturing Systems

06

Logistics & Global Relocation

Corrigan Logistics
International equipment relocation
Factory relocation & cross-border logistics

07

Design & Engineering

Shenzhen Architectural Design & Research Institute (SZAD)
Licensed U.S. General Contractors
Structural & MEP engineering firms

08

Construction & Compliance

U.S. General Contractor (GC) licensed
OSHA 30 Safety Certified
IMMEX & USMCA regulatory specialists
IBC / NEC / NFPA compliance experts

Network references retained from Overseas Industrial. Project-specific participation is confirmed separately.

COREPEX

COREPEX

SUPPLY CHAIN SOLUTIONS

Connecting manufacturers with suitable engineering suppliers and custom industrial products.

01 Supplier development

Identify potential EU suppliers and review company scale, equipment, technical fit and relevant experience.

02 Technical procurement

Coordinate drawings, BOMs, RFQs, NDAs, quotations and technical clarification.

03 Quality follow-up

Support samples, inspection planning, documentation and corrective-action communication.

04 Delivery coordination

Follow production milestones, packaging, transport arrangements and repeat supply.

CUSTOM INDUSTRIAL PRODUCTS

Sourcing based on the customer's drawings, specifications, intended use and acceptance criteria.

Trolleys & racks

Custom trolleys, racks, stillages, transport frames and handling aids.

Fixtures & tooling

Assembly jigs, positioning fixtures, grippers and production supports.

Machined parts

CNC components, brackets, plates, shafts and precision adapters.

Steel fabrication

Welded assemblies, machine bases, platforms, frames and guards.

Industrial equipment

Conveyor components, workstations, storage and handling equipment.

Electrical components

Control cabinets, sensors, cable routing and automation components.

SUPPLIER SELECTION & READINESS

A clear supplier profile combines capability information with evidence of real manufacturing and delivery.

01 Company & organisation

Legal entity, direct employees, workshop area, ownership and manufacturing contacts.

02 Equipment & capacity

Machine list, working range, tolerances, shifts and available capacity; outsourced processes identified.

03 Quality & references

Relevant certificates, calibrated inspection tools, product photos and acceptance or delivery records.

04 Customer review

Prepare the supplier information package and coordinate NDA, audit and technical questions.

Final qualification and award remain subject to the customer's own assessment and approval.

COREPEX

FROM RFQ TO REPEAT SUPPLY

A practical sequence keeps technical, commercial and delivery responsibilities clear.

01

Define the scope

Drawings, materials, quantities, tolerances and required dates.

02

Screen suppliers

Technical fit, actual manufacturing resources and references.

03

Align quotations

Compare scope, pricing, lead time, inspection and payment terms.

04

Sample & approve

Coordinate prototypes, inspection results and customer feedback.

05

Produce & dispatch

Follow milestones, final inspection, packaging and transport.

06

Support repeat orders

Close open items and follow quality, changes and future demand.

ENGINEERING + PROCUREMENT

Combine site execution and supply requirements in one coordinated project scope.



Factory and line upgrades

Coordinate installation packages with the supply of frames, handling equipment and technical components.

Shutdowns and relocation

Align dismantling, replacement items, transport, specialist teams and restart requirements.

Commissioning and handover

Track interface questions, inspection documents, open items and acceptance requirements.

WORKING WITH COREPEX

A commercial and technical coordination interface for manufacturers, contractors and suppliers.

For manufacturers

Project coordination, custom sourcing, supplier screening and delivery follow-up.

For engineering partners

Defined packages, aligned responsibilities and technical interfaces.

For manufacturing suppliers

Clear RFQs, customer review preparation and sample-to-order coordination.

Share your project scope, drawings or sourcing requirements. COREPEX can coordinate the engineering, installation and supply route.

COREPEX

QUALIFICATION DOCUMENTS

Supporting certificates supplied with the project presentation. Issuers, holders and scopes remain as shown.



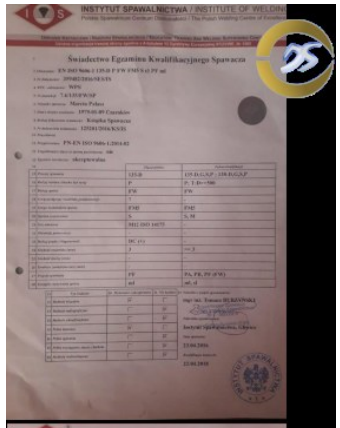




COREPEX

QUALIFICATION DOCUMENTS

Supporting certificates supplied with the project presentation. Issuers, holders and scopes remain as shown.













COREPEX

CONTACT COREPEX

Engineering contracting, industrial services and supply chain solutions.

Teri Gele

Managing Director

teri.gele@corepex.eu.com

+49 15221596189 WhatsApp

www.corepex.net

Bulevardul Nicolae Titulescu 43 Bloc, A1, scara 2,
200189 Craiova, Romania