



SAICO

CONNECTING INDUSTRIES.
CREATING OPPORTUNITIES.

ABOUT SAICO

CONNECTING INDUSTRIES. CREATING OPPORTUNITIES.

SAICO delivers integrated industrial solutions for the precast concrete industry, combining business development, international trade expertise, engineering support and strategic sourcing.

We connect manufacturers, technologies and markets, delivering reliable solutions tailored to each customer's production goals.



INTERNATIONAL
CONNECTIONS



BUSINESS
DEVELOPMENT



TECHNICAL
SOLUTIONS



INTERNATIONAL
TRADE



LOCAL SUPPORT



20+
YEARS OF
EXPERIENCE



GLOBAL
NETWORK OF PARTNERS
AND SUPPLIERS



FOCUS
ON PRODUCTIVITY, QUALITY
AND SUSTAINABILITY

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OUR SOLUTIONS

COMPLETE SOLUTIONS FOR PRECAST CONCRETE PRODUCTION

Integrated technologies and equipment to meet every stage of your production with efficiency, quality and reliability.



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WALL PANEL PRODUCTION



Automated systems for the production of high-quality wall panels with high productivity and precision.



PRESTRESSED CONCRETE SYSTEMS



Solutions for prestressed elements including hollow core slabs, beams, columns, and special structural components.



FORMWORK & MOULD SOLUTIONS



High-performance moulds and tilting tables designed for flexibility, durability and superior finishing.



FACTORY AUTOMATION



Intelligent automation for material handling, concrete distribution, curing, stacking and logistics.



HIGH PRODUCTIVITY



SUPERIOR QUALITY



RELIABLE PERFORMANCE



SUSTAINABLE CONSTRUCTION

BATTERY MOULD

WALL PANEL PRODUCTION LINE

Large Battery Mould Wall Panel Production Line

Long-term wall moulding machine with a folding process concept design to ensure high open rate between forming area and stacking area, improving production efficiency and reducing handling cycles.



HIGH EFFICIENCY

High open rate between forming and stacking areas.



EXCELLENT QUALITY

Precision forming with stable operation and consistent quality.



STRONG & RELIABLE

Heavy-duty structure for long-term and continuous use.



FLEXIBLE PRODUCTION

Suitable for various wall panel thicknesses and heights.

KEY SUB-SYSTEMS

-  **VIBRATING SYSTEM**
(built-in)
-  **CURING SYSTEM**
(built-in)
-  **HYDRAULIC SYSTEM**
-  **OPERATING PLATFORM**
-  **FOUNDATION FRAME**
-  **SLIDING END MOLD**
-  **CASTING MOLD**
-  **MIDDLE FIXED MOLD**

10 ADVANTAGES

-  High open rate
-  Lower handling cycles
-  Shorter curing time
-  High precision
-  Space saving
-  Energy efficient
-  Easy operation
-  Low maintenance
-  Flexible production
-  Long service life

EQUIPMENT OPTIONS



EQUIPMENT FOR SIDE EDGE MACHINING

Precise edge profiling for smooth and accurate panel sides.



COMPONENT LIFTING APPLICATION

Safe and efficient lifting system for heavy precast components.



CONNECTION NAIL APPLICATION

Integrated connection nails to ensure strong and reliable panel joints.



CASE SHOW



STACKED WALL PANELS



SHEAR WALL PANELS



SANDWICH WALL PANELS



HOLLOW CORE WALL PANELS



FACADE WALL PANELS



SOLID WALL PANELS



HIGH PRODUCTIVITY

Optimized process for maximum output.



ADVANCED AUTOMATION

Automated systems for material flow, forming and stacking.



CONSISTENT QUALITY

Stable production process with strict quality control.



GLOBAL SUPPORT

Technical support and service wherever you are.



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PRESTRESSED CONCRETE PRODUCTION LINE

High Efficiency. Precision. Reliability.

Complete solution for the production of prestressed concrete elements with advanced technology, high automation and consistent quality for a wide range of applications.



HIGH PRECISION

Accurate tensioning and cutting systems ensure dimensional stability and quality.



HIGH PRODUCTIVITY

Optimized workflow and automation maximize output and reduce labor.



FLEXIBLE PRODUCTION

Supports a variety of prestressed elements and custom configurations.



LONG-TERM RELIABILITY

Robust equipment and proven performance for continuous operation.

COMPLETE PRODUCTION FLOW



1. TENSIONING



2. CASTING



3. CURING



4. CUTTING



5. STACKING



MAIN EQUIPMENT



TENSIONING MACHINE



High-precision tensioning for consistent prestress application.



CONCRETE DISTRIBUTOR



Uniform concrete distribution ensures high density and excellent surface finish.



SLIPFORMER



Advanced slipforming technology for various section profiles.



CUTTING MACHINE



Hydraulic cutting for precise lengths and smooth finishing.



STACKING SYSTEM



Efficient stacking and transport for safe and organized handling.



CONTROL SYSTEM



Intelligent control for full process monitoring and data management.



MAXIMUM OUTPUT

High-speed production with minimal downtime.



SUPERIOR QUALITY

Consistent performance and excellent finish.



ADVANCED AUTOMATION

Integrated systems for efficient and safe operations.



SUSTAINABLE SOLUTIONS

Lower waste, optimized energy and reduced emissions.



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FORMWORK & MOULD SOLUTIONS

**VERSATILE SYSTEMS. PRECISE RESULTS.
SUPERIOR PRODUCTIVITY.**

SAICO provides a complete range of formwork and mould solutions engineered for high precision, durability and efficient production of a wide variety of precast concrete elements.



HIGH STRENGTH & DURABILITY

Robust steel construction for long service life.



ACCURATE & CONSISTENT

Precision machining ensures excellent dimensional control and surface finish.



FLEXIBLE CONFIGURATIONS

Multiple sizes and models to meet diverse production needs.



IMPROVED EFFICIENCY

Optimized design for faster cycle times and reduced maintenance.



WIDE RANGE OF MODELS

For all types of precast elements



BUILT-IN VIBRATION SYSTEMS

Better compaction, higher quality



SAFE & RELIABLE

Engineered for stable operation and worker safety



CUSTOMIZABLE SOLUTIONS

Tailored to your production layout and requirements



EASY MAINTENANCE

Modular components for quick servicing and replacement

OUR FORMWORK & MOULD RANGE

PC MOULDS



For wall panels, slabs, beams and custom elements.

BAR CABINET MOULDS



High-precision cabinets for bar-shaped elements.

OTC MOULDS



Optimized for large-scale industrial production.

BOX CULVERT MOULDS



Complete systems for box culverts and drainage units.

VARIOUS MATERIAL MOULDS



Moulds for pipes, manholes, piles and special items.

CUSTOM ENGINEERED SOLUTIONS



Tailored designs for unique projects and requirements.

APPLICATIONS



RESIDENTIAL & COMMERCIAL BUILDINGS



INFRASTRUCTURE & TRANSPORTATION



WATER & SEWAGE STRUCTURES



INDUSTRIAL FACILITIES



ENERGY & SPECIAL PROJECTS



MAXIMIZE QUALITY

Delivering consistent results with superior finishes.



INCREASE CAPACITY

High efficiency systems that boost your productivity.



SUSTAINABLE SOLUTIONS

Reusable, durable and designed to reduce waste.



GLOBAL SUPPORT

Reliable service and technical support throughout your project lifecycle.



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FACTORY AUTOMATION

SMART MATERIAL FLOW. INTELLIGENT PRODUCTION.

Integrated production systems designed to maximize productivity, traceability and operational efficiency throughout the entire precast manufacturing process.



MAXIMIZE PRODUCTIVITY

High efficiency with optimized production flow.



CONSISTENT QUALITY

Standardized processes and real-time quality control at every stage.



SUSTAINABLE OPERATIONS

Efficient use of resources and reduced environmental impact.



SMART FACTORY INTEGRATION

All systems connected for seamless data flow and decision making.



AUTOMATED MATERIAL HANDLING

Intelligent transport systems reduce manual handling and increase safety.



CENTRAL PRODUCTION CONTROL

Real-time monitoring and scheduling for maximum efficiency.



REAL-TIME MONITORING

Live data and analytics ensure traceability and continuous improvement.



SCALABLE MANUFACTURING

Flexible solutions that grow with your business needs.