



# HIGH-PERFORMANCE PRECAST & PAVER CONCRETE PLANTS

Modular and custom-engineered plants for efficient, high-quality precast production, built for North American conditions.

## Key Features

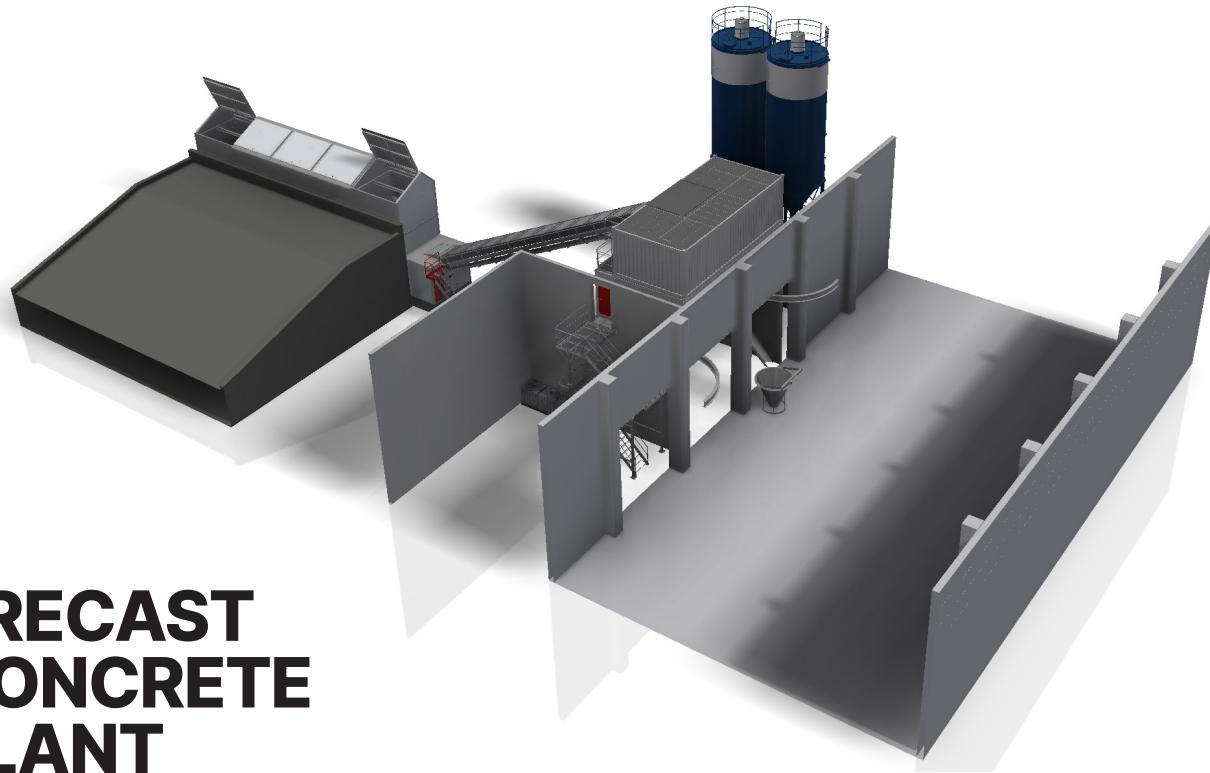
- No building required around the plant, lower CAPEX investment
- Fully winterized for reliable operation in cold climates
- Precise control over slump and concrete temperature
- Low-profile structure, easier permitting in high-seismic regions
- Saves up to 10% cement
- Cuts CO<sub>2</sub> up to 50 lb/yd<sup>3</sup> (30 kg/m<sup>3</sup>)

## Built for North America

- Meets U.S. and Canadian standards
- Partially manufactured in North America for faster delivery and local support
- Backed by Tecwill Canada Inc. and a growing service partner network

**FROM PANELS TO PIPES  
- FROM ALASKA TO ARIZONA**

**Tecwill**  
CONCRETE PLANTS AND TECHNOLOGY



## PRECAST CONCRETE PLANT

- Lower CAPEX compared to traditional precast setups
- Accurate weighing and aggregate moisture control
- Seamless integration with the precast plant building
- Hopper discharge or flying buckets

## BLOCK & PAVER PLANT

- Single or dual mixer setup for base mix and face mix
- Belt conveyor or flying bucket for concrete delivery to the block machine
- Automatic slump control for zero-slump concrete



# CONTROL SYSTEM

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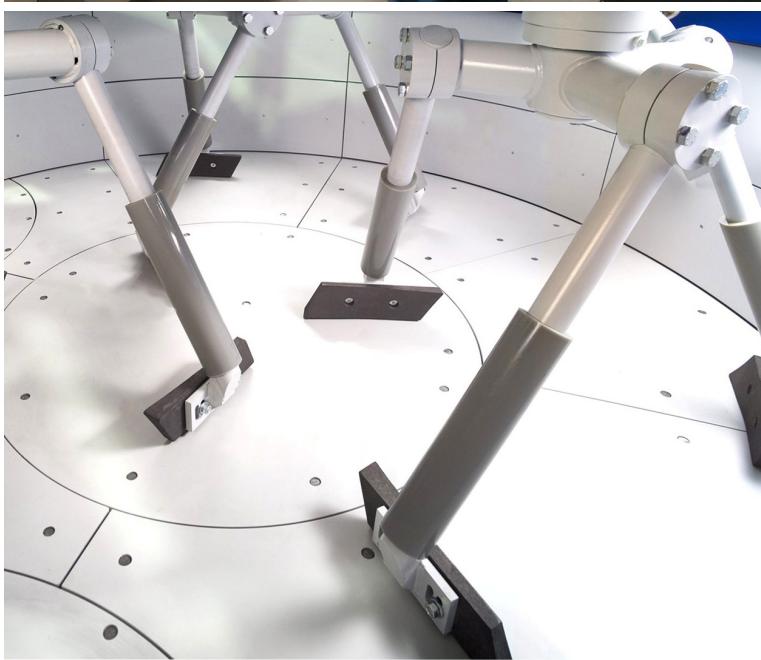
- Accurate dosing, moisture, and temperature control for every batch
- Minimal batch-to-batch deviation
- Automatic slump control for wet and zero-slump mixes
- Advanced PLC automation integrates with local systems or Tecwill WillControl



# COUNTER-CURRENT PLANETARY MIXER

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- Fast mixing time with superior homogeneity
- Suitable for all mix designs, SCC, UHPC, zero-slump
- Short mixing time



# CONCRETE DISTRIBUTION

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- Tecwill flying bucket system for efficient concrete transport
- Bottom discharge or roll over bucket
- Wireless ordering system
- High-pressure washing station for automated bucket cleaning





## TECWILL OPTIMOIST - IMPROVED AGGREGATE MOISTURE MEASURING

One optical, non-contact sensor for all aggregate fractions. Delivers faster, more accurate readings for consistent concrete quality.



## BOTTOM DISCHARGE BUCKET

An efficient solution for short-distance concrete transport from the mixer to the casting point. Can be operated via a wireless control panel.



## HIGH- PRESSURE MIXER WASHING SYSTEM

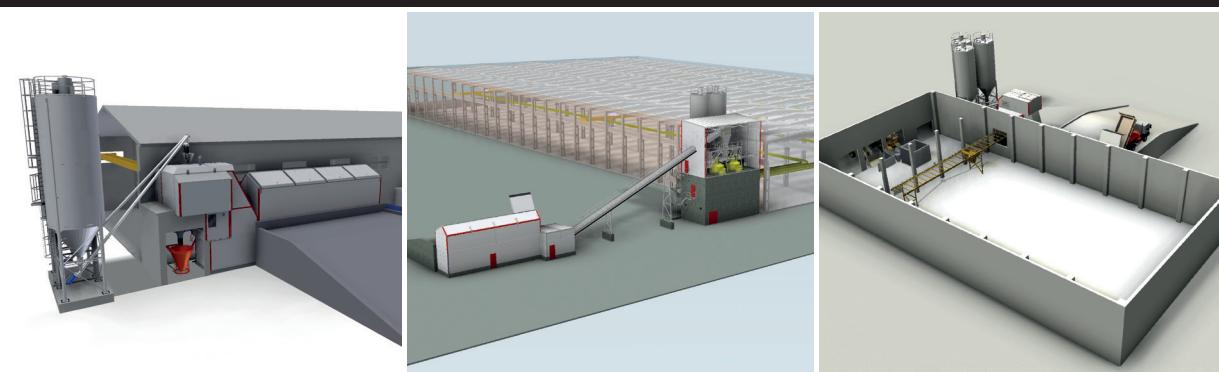
Rotating high-pressure nozzles ensure fast, efficient cleaning and easier maintenance.



## AGGREGATE AND WATER HEATING SYSTEM

Ensures reliable concrete production in harsh winter conditions. Heats aggregates in the bins to the desired temperature and maintains accurate concrete temperature control. Features enclosed aggregate bins for maximum heat retention.

## EXAMPLE PLANT LAYOUTS



# TECWILL

Founded in 1994, Tecwill is a global leader in the design and manufacturing of modular concrete batching plants. Headquartered in Joensuu, Finland, Tecwill operates across Europe, North America, Asia, and Africa, with more than 300 plants commissioned worldwide. Tecwill Canada Inc., based in Toronto, Ontario, supports the North American market with sales, service, local manufacturing, and spare parts supply ensuring fast response times and dependable customer support.



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