

# Econobatch

## Designed from the ground up for the way you operate.

You produce medium volume concrete batches. But you still want a high-performing plant. Look no further than EconoBatch. With capacities up to 48 yards/hour, it's ideal for a wide range of applications. It can handle up to six aggregates and two cements, and produce consistently high quality wet or dry mixes. Its flexible design means it can be built to your specifications and expanded as you grow. And its economical cost enables you to become profitable quickly. No other plant in its class meets your needs so fully.

### Flexible layout.

Design EconoBatch to meet your specific requirements—it easily adapts to a new or existing facility. Choose from four different

mixers to match your production rates. Vary your mixer stand height as needed. Run the aggregate conveyor from 1° to 45°, in line or at a right angle to save space. Place bins underground, at grade or above grade. EconoBatch is modular and expandable; start out small and add bins, conveyors, silos and screws as you grow.

### State-of-the-art load cells.

All materials are weighed with state-of-the-art load cells for accuracy and ease of calibration. Load cells are matched and scaled to resist water and dust. Weighing accuracy of the aggregates is within +/- 2% and cement/water to within +/- 1% of the batch size. Our computerized control ensures that all materials are sequenced

into the mixer at the appropriate time and in the correct amounts for your mix design every batch.

### Low maintenance costs.

There are few moving, mechanical parts to wear out. Mixer gearbox, motors, and pulleys are accessible for ease of service, and EconoBatch also features an auto-grease system.

### Quick cycle times.

Unique "ribbon blending" method of charging materials into the mixer in the proper sequence provides cycle times as fast as 2-1/2 minutes. It also ensures a homogeneous mix, with each particle coated with cement paste for maximum strength.

## Installation and training direct from the factory.



Trust the craftsmen who built your plant to install it with the same expertise.



Only Mixer Systems offers you factory-sourced installation, training and service.

Don't leave the critical step of installation to inexperienced contractors. You won't find anyone more knowledgeable about Mixer Systems equipment than our Plant Services & Installation division. When you utilize our services, you gain the advantage of single source responsibility for everything from installation and startup to emergency service. Proper installation and operator training can speed your start-up time and reduce operating costs.

## Parts and service: we deliver.

Mixer Systems comes through for you in the critical areas of after-sale support. We maintain a \$3.5 million inventory of parts, and ship 97% of orders within 24 hours to help keep you productive. Our service people are known within the industry as the experts, offering you years of experience. If there's a problem or a question, you can go directly the source at Mixer Systems, in many cases talking with the very people who built your equipment.



A \$3.5 million inventory of parts keeps you productive.



97% of parts orders are shipped within 24 hours.

## Made in the U.S.A. for your world.

Mixer Systems has been manufacturing equipment for the concrete products and other related industries since 1979. Today, our systems are at work in some 30 countries around the world. An 86,000 square foot facility houses advanced product planning, state-of-the-art manufacturing, and the capability of designing and constructing concrete batch plants from the ground up. Our product line is the largest family of equipment in the industry, built with American reliability to stand up to the challenges of your world.



Mixer Systems is headquartered at an 86,000 sq. ft. design, manufacturing and testing facility in Pewaukee, Wisconsin.



ECONOBATCH PLANT

## Concrete Equipment. Concrete Solutions.



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**ECONOBATCH.™**  
**COMPACT PLANT,**  
**FULL-SIZE**  
**PERFORMANCE.**



# Flexibility now and for the future.

You can custom-configure EconoBatch to meet your needs today, knowing that it can be expanded and adapted tomorrow. Choose from a broad selection of performance-proven components to match your requirements exactly.



## Conveyor belts and aggregate bins.

Aggregate conveyors are available with inclines as steep as 45° to reduce plant length. Unique low-profile deaccumulative weighing system gives bins a dual purpose: Store up to 40 tons per bin and weigh within 2% of the batch size. This means you can maximize bin capacity while keeping bin profile low.

## You spec it, we built it.

Custom design and construction separate EconoBatch from the rest. Mixer Systems builds every EconoBatch from the ground up to meet our customers' specifications. Choose from a complete range of performance-proven components, all from a single source:

- Mixer designs and capacities
- Plant control systems
- Stack-up, low profile or below grade configurations
- Custom bins and silos
- Weigh belts or weigh batchers.



## Automatic lubrication system.

Optional automatic lubrication system simplifies maintenance and assures that greasing will be performed at specified intervals. It eliminates operator variables that can be a source of premature wear and failure.



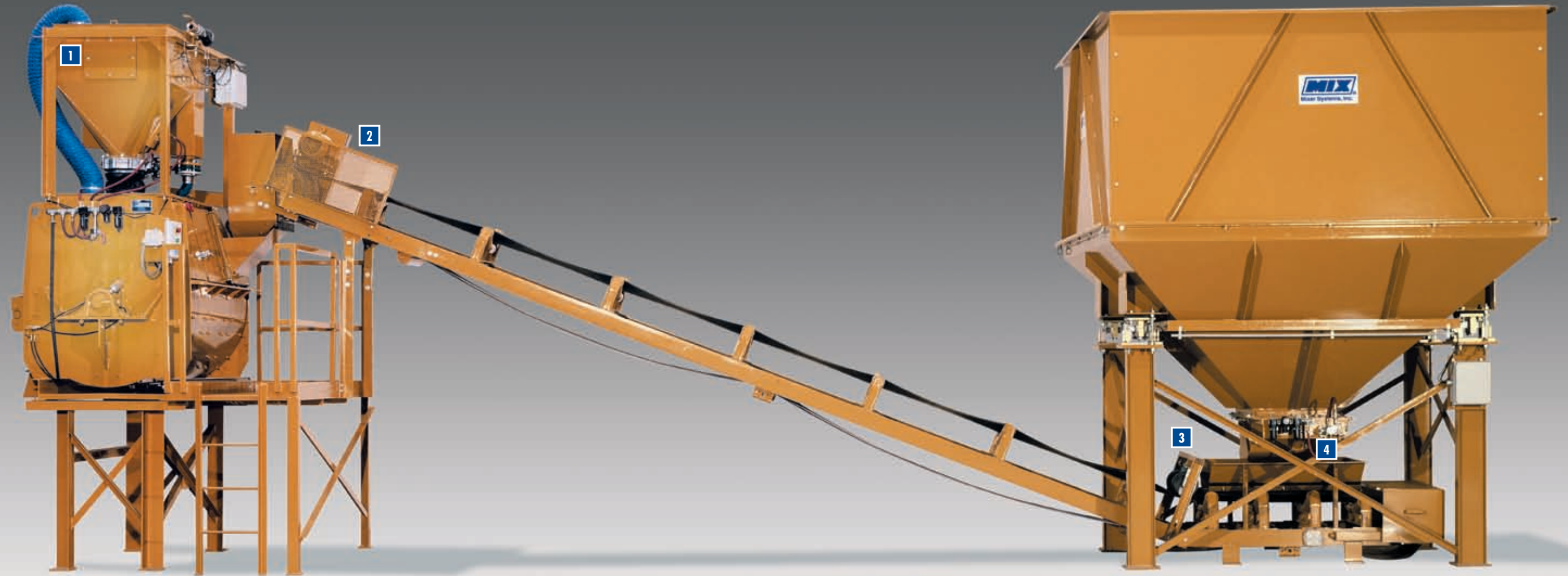
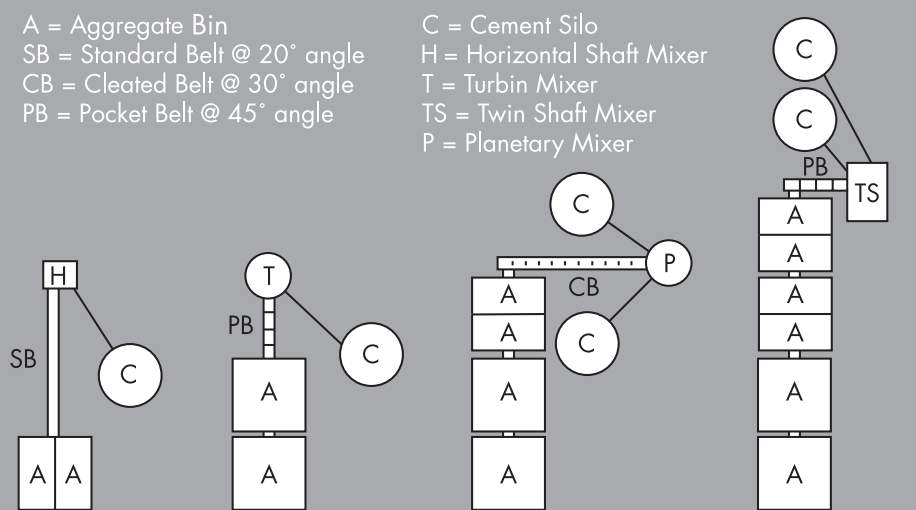
## Automated controls.

Choose from an entire family of plant control systems. The E-350 offers the highest level of batch plant automation and programmability. Run a high-volume batch plant from start to finish-batching, mixing, moisture control, even automated concrete delivery of different mix designs to multiple locations on demand. Its simple touch screen design means it is easy to learn and operate.

### KEY

A = Aggregate Bin  
SB = Standard Belt @ 20° angle  
CB = Cleated Belt @ 30° angle  
PB = Pocket Belt @ 45° angle

C = Cement Silo  
H = Horizontal Shaft Mixer  
T = Turbin Mixer  
TS = Twin Shaft Mixer  
P = Planetary Mixer



## High-performance features.



1 Load cells on each corner of weigh batcher provide accurate weighing for precise batches every time



2 Conveyor guard protects operator from moving parts. Adjustable belt cleaner on conveyor head pulley keeps belt and plant clean.



3 Adjustable hold-down wheels make for a smooth bend in belt so that one conveyor can be used to reduce costs and maintenance.



4 Aggregate gate is controlled with an electric solenoid valve and air cylinder to maximize speed and accuracy. Vibrator location allows smooth flow of aggregates regardless of moisture content; adjustable gate stop helps fine tune material flow.

## Mixers to build your plant around.



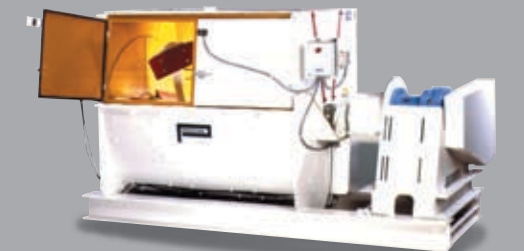
Planetary Mixers from Mixer Systems are the only ones of their type designed and manufactured in the U.S.A. The unique "counter current" mixing action produces a fast, homogeneous mix in as little as 30 seconds.



Now in its fourth generation, the Turbin XL® has been the industry standard for more than 50 years. Made with pride by Mixer Systems, the Turbin XL is simply the fastest, most economical producer of a high quality mix.



Twin Shaft Mixers set a higher standard for twin shaft designs. 100% coverage and cycle times of about 60 seconds improve concrete strength while speeding production.



The first choice of concrete product producers, Prashak Horizontal Shaft Mixers are recognized for their quality output and durable, long life operation. Now available with spiral blades or paddles for wet or dry materials.