

### Options for every application.

An array of options has been developed by Mixer Systems to make the planetary mixer even more versatile. Choose available equipment like this to meet the specific requirements of your application:

- Skip hoists
- Moisture probes
- Rubber liners and paddles
- Hardened steel paddles and arms
- Dust collectors
- Gearbox temperature sensors
- Additional discharge doors (up to four)
- Specialty agitator/crusher
- Variable frequency drive



High pressure internal nozzles of optional automatic washout system.



### Automatic washout shortens cleanup, lengthens life.

Mixer Systems highly recommends our optional, exclusive automatic washout system. The high-pressure water pump and internal nozzles make short work of tedious, but necessary, cleanups. The easier cleanups are, the more likely they'll be performed. And that will extend the life of the entire mixer. A clean mixer simply lasts longer, with less wear and fewer breakdowns.



Up to four discharge doors are available for feeding material to different work stations.

### Built right. Right in the U.S.A.

The advantages of American manufacturing a permanent part of your planetary mixer. It's built for the United States industrial environment, with no adaptations necessary. Service and technical questions can be answered by the very people who designed and manufactured your mixer. A \$3 million inventory of parts enables us to ship 97% of all orders within 24 hours.

Building machines right is simply the way we do it at Mixer Systems. Since 1979 we've been expanding our range of equipment for the concrete products and other related industries.

Today, Mixer Systems makes the longest line of mixers in the business, along with complete EconoBatch and BatchMaster plants. Our 86,000 square foot plant houses a talented team of engineers, designers, welders, assemblers and painters. Under one roof you'll find innovative product planning, state-of-the-art manufacturing, and the capability of designing and constructing concrete batch plants from the ground up. At Mixer Systems, we do it all, so you do it right.



Mixer Systems 86,000 sq. ft. manufacturing facility, located in Pewaukee, WI U.S.A.



Safety interlock box with emergency stop protects workers.



Pneumatic discharge door features a direct, positive connection for easier opening.

**THE ONLY  
PLANETARY MIXER  
DESIGNED AND  
MANUFACTURED  
IN THE U.S.A.**



Mixer Systems, Inc.  
190 Simmons Avenue  
Pewaukee, WI 53072-0010  
www.mixersystems.com

262-691-3100  
800-756-4937  
Fax 262-691-3184  
info@mixersystems.com



# Finally, a planetary mixer built to be everything you want: Affordable, durable, reliable, available.

The new planetary mixer from Mixer Systems combines world-class performance with American-made quality. The superior mixing of our unique counter-current action is just the beginning. Designed and manufactured here in the United States, the Mixer Systems planetary mixer can be built to your order and shipped without the delays encountered with European equipment. You'll be up and running in weeks, not months. A design, incorporating proven components, makes it affordable for virtually every products producer. Durable construction, backed by more than 25 years of manufacturing expertise, assures reliable performance batch after batch. A \$3 million inventory of parts minimizes downtime when wear items need to be replaced. It's the planetary mixer you've been waiting for. And more.

## A fast, efficient mix.

Highly-efficient counter-current mixing action achieves a homogeneous mix in as

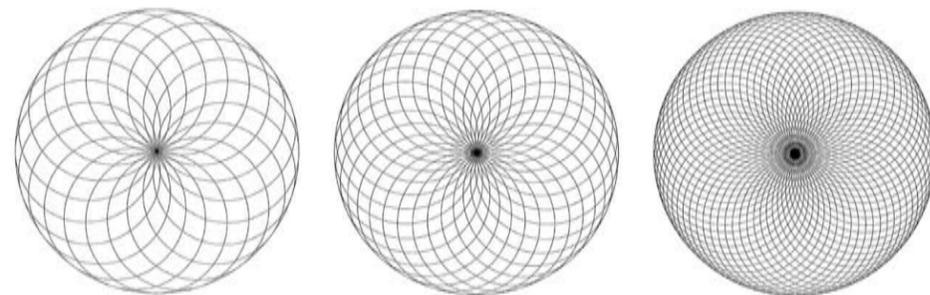
little as 30 seconds. Material is quickly mixed from top to bottom and moves opposite the direction of the paddles for thorough blending. The offset path of the paddles completely covers the mixer floor to eliminate dead zones. An open mixing tank permits a lower material level for easier mixing of powders and water.

The result is a fast, quality mix, batch after batch.

## Paddles made for mixing.

Optimized paddle design accelerates the mixing process. Depending on mixer size, each mixing spider is equipped with two or three paddles to

move more material per revolution. The paddles are shaped to produce an efficient lift-and-fold mixing action. Long-lasting urethane guards increase the life of the steel mixing arms, which can be easily adjusted from outside the mixer. A long-wearing cast Ni-hard scraper extends the full height of the wall to make sure that all material is evenly distributed.



The planetary mixer achieves homogeneity rapidly, in as little as 30 seconds.



PATENT PENDING

## Low maintenance, high performance.

Dependable, high-level performance is built into the design of the Mixer Systems planetary mixer. V-belt drive on one cubic yard and larger models provides shock absorption on start up. The planetary-style gearbox is sealed against contamination to reduce maintenance and prolong life. When it does need service, it can be conveniently removed through the top of the mixer. Abrasion-resistant, cast Ni-hard paddles are 600 Brinell hardness, and formed with extra metal at the top to protect arms from wear. AR steel floor and wall liners are replaceable and interchangeable; harder materials are also available. Hinged access doors around the entire outside of the mixer ease cleanup and service.

## Mixing it up in multiple industries.

The Mixer Systems planetary mixer is a widespread machine with wide-spread application. Mixing wet or dry material, it can serve numerous industries:

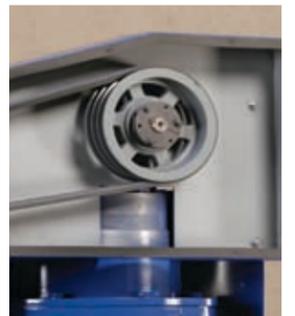
- Concrete products producers, including block, paver stones, pipe, precast, cast stone, manufactured stone, dry bagged concrete, Redi-Mix, GFRC, polymer/latex concrete, lightweight concrete panels, self-compacting concrete
- Glass manufacturers
- Refractories
- Low and high cement castable
- Pollution control industries
- Waste disposal, including fly ash, foundry sands, powdered metals, cement kiln and bag house dust, dry chemicals, sludge



Optional clapper agitator for fine powder and micro-mixes, assures homogeneous blending top to bottom.



Segmented Ni-hard scraper clears the full height of the wall to help keep all material in motion.



Reliable V-belt drive absorbs shocks on startup and is easily maintained.



Unique abrasion-resistant cast Ni-hard paddles partially enclose arms to minimize wear; arms easily adjusted from outside the mixer.



Mixing spiders are optimized with two or three paddles to move more material per revolution for faster mixing.