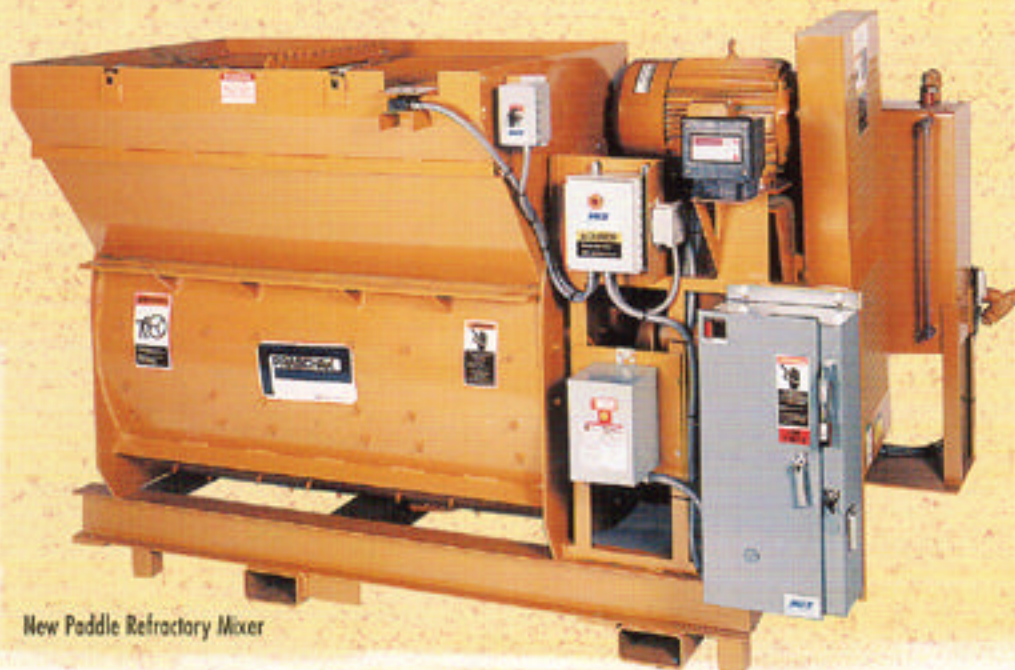


STATE OF THE ART **TWICE**



Turbin Refractory Mixer



New Paddle Refractory Mixer

**PROBLEM REFRACTORY MATERIALS "NO PROBLEM" FOR
THESE LEADING EDGE MIXERS FROM MIXER SYSTEMS**

MIX
Mixer Systems, Inc.®

Only Mixer Systems offers you this choice of mixers, to match your needs exactly.

LOW PROFILE TURBIN MIXER. THE MOST PRODUCTIVE MIXER FOR REFRACTORY CASTABLES

Designed to meet the needs of the Refractory Industry, the Turbin mixer features fast, homogeneous mixing, reliability, versatility and vastly reduced maintenance.

Versatility - The Turbin can mix wet or dry batches and materials of irregular shapes and sizes. Its low profile design makes it very compatible with new or existing plants.

Speed - The horizontal pan-type design of the Turbin mixer, and its quick opening discharge door result in an extremely fast cycle time.

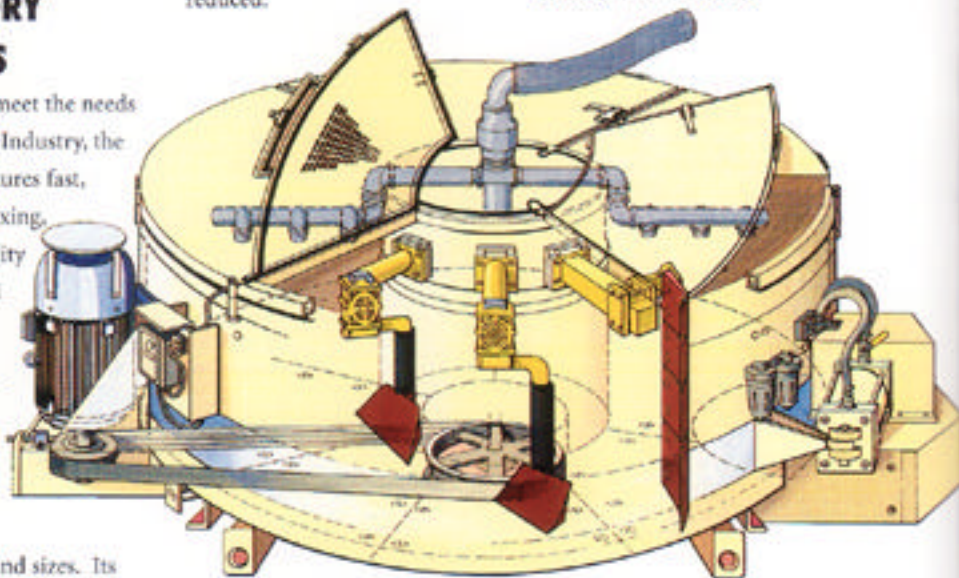
Clean Discharge - The material is thoroughly discharged with each batch cycle, thus there is minimal contamination from one batch to another.

Reliability - The Outboard Drive has become the reliability standard of the industry.

No complicated bevel gears, U-joints or drive shafts to maintain. No other mixer has this important feature.

Reduced Maintenance - The need for constant, daily maintenance has been greatly reduced.

required. Liners are 3/8" Abrasion Resistant steel and can be reversed for added service. Mixer Arms are protected by rubber long-wear guards which can be replaced easily. Mixer Paddles are cast Ni-Hard 55 Rockwell "C" hardness.



Transmission can be easily removed or replaced through top or bottom of mixer. Discharge Gate is efficient, direct lever/shaft, no rack and pinion

CHOOSE FROM 3 MODELS

Available in 20, 40 and 80 cubic feet capacity dry fill.

BETTER BLENDING, TOTAL MIXING

Side view illustrates how the large concave paddles create a rolling action that forces and mixes the materials from the mixer floor upward. Three dimensional mixing is created by braiding, rolling and mixer speed. Result: unequaled homogeneity in the 99% range.

Top view of the Turbin mixer shows how the special oversize paddles and paddle arrangement create a superior braiding action that forces the materials into and through themselves.



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Both produce quality mixes, both are performance proved on the toughest materials.

BOTH

MIXERS OFFER A COMBINATION OF HIGH PERFORMANCE

- Standard V-Belt drive systems reduce stress to increase component life.
- Both mixers are built tough and performance-proved in the demanding refractory mixing application.
- Compact and self-contained, these mixers can be moved to where the mix is needed, and they are easy to move from job to job. They can be truck or trailer mounted.



Self-contained power panel is available with starter, heater overloads, fuses, lockable disconnect switch and transformer. Choice of 230v or 460v and optional 110v outlets to power accessories.

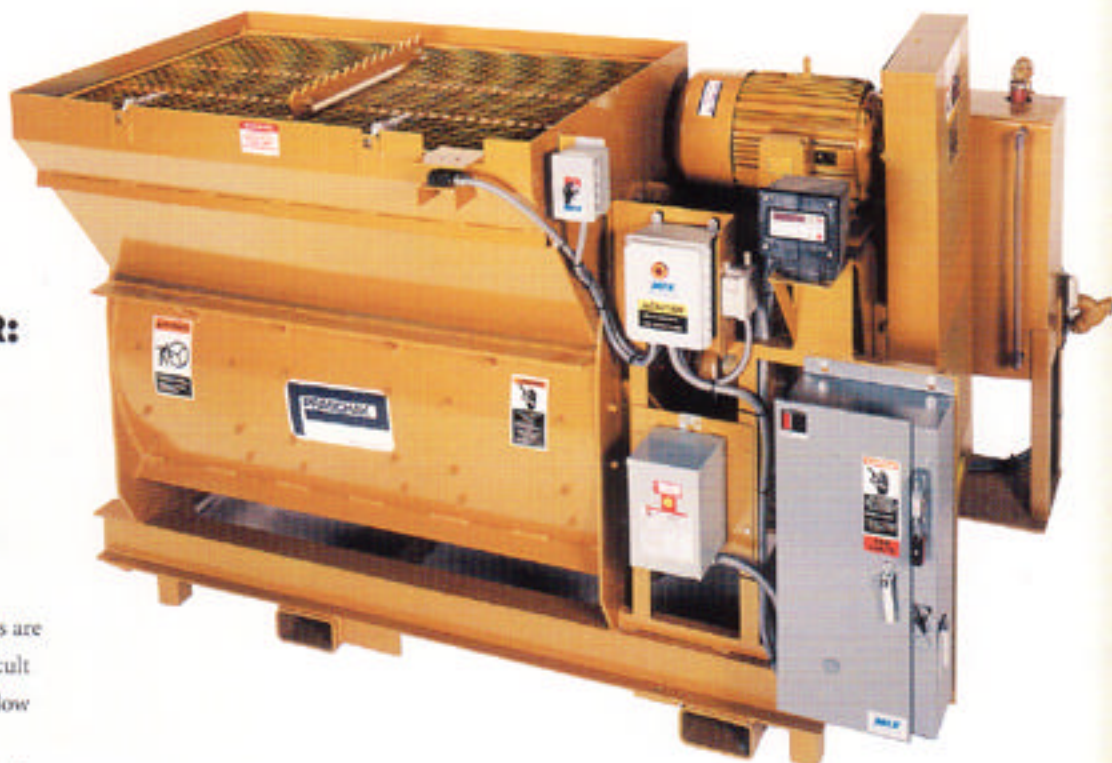
RAISING THE BAR: NEW AND IMPROVED REFRACTORY PADDLE MIXERS

Our NEW paddle mixers are designed for mixing the difficult materials: dry, semi-dry and low moisture refractory castable materials. Due to their new and unique engineering features, heavy duty construction and superior paddle mixing, these rugged batch mixers are ideally suited for your refractory mixing requirements.

New - A specially-designed seal that prevents leakage around the shaft even when in "overload" condition.

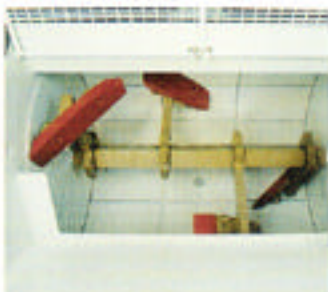
New - Access doors have been enlarged to expedite cleaning of the drum.

New - A paddle design that creates a "cross current" mixing action and braids castables into themselves for an extremely thorough homogenous mix.



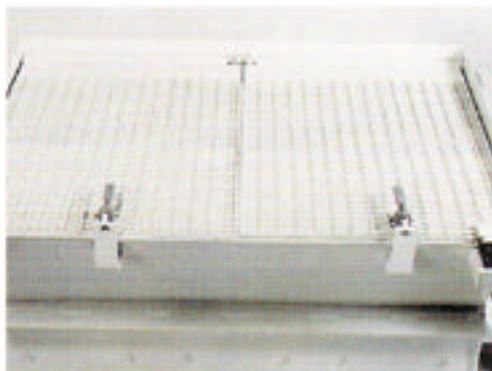
HIGH VOLUME DESIGN FEATURES

Heavy duty components are mounted on twin I-beam main-frame for maximum rigidity. Abrasion resistant mixing paddles and Ni-Hard drum liners insure



long life. Liners and paddles are bolted in for easy replacement.

Optional sheet steel cover can be supplied with or without grate to reduce dusting. Grate cover can be equipped with bag cutter.



CHOOSE FROM 3 MODELS

Available in 21, 30 and 54 cubic feet input capacity.

FEATURES AND OPTIONS TO MAXIMIZE YOUR PRODUCTION.



Water system complete with meter, water tank and control eliminates dependence on local water pressure, increases portability.



Air-operated discharge gates provide fast clean discharge for high production with no carry over from batch to batch. Air compressor or self-contained hydraulic systems are available as options.

**DESIGNED, BUILT
AND SUPPORTED BY
MIXER SYSTEMS, INC.**



DEDICATED TO SERVING YOU

Mixer Systems is located in a modern 50,000 square foot headquarters with all the resources necessary to meet your needs. In our research and development center we are constantly testing new materials to provide you with the finest products available for your application. Experienced engineers employ the most modern computer-aided design to quickly and accurately respond to customer needs. Our metal fabricating and machining facility produces high quality equipment that proudly bears the label: "Made in the USA."



PARTS AND SERVICE

We are committed to providing prompt service and after-sales support for our customer – with an extensive off the shelf parts inventory – and our around-the-clock response to emergency service needs. It all adds up to Mixer Systems as the single source supplier.

Contact us for complete information on a refractory mixer built to your specification.

DustMASTER Enviro Systems

190 Simmons Avenue, PO Box 10
Pewaukee, WI 53072

262-691-3100 * 262-691-3184 fax

800-75-MIXER (756-4937)

www.dustmaster.com * info@dustmaster.com

