MINING DUTY CONSTRUCTION
RELIABILITY & PERFORMANCE

TWIN-SHAFT MIXER

High performance overflow

TWIN-SHAFT MIXER
2.6 TO 24YD³ - 2 TO 18M³

OVER 40 YEARS OF INNOVATION
WWW.BMHSYSTEMS.COM
**SPECIFICALLY DESIGNED FOR HIGH PRODUCTION**

**TWIN-SHAFT**

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**MIXING PRINCIPLE: ADVANTAGE OF SPIRAL MIXING CONCEPT**

- This mixing tool arrangement allows for the creation of an uninterrupted spiral on each mixing shaft.
- The mixing process takes place in the center of the mixer, therefore reducing wear zone and allowing rapid mixture of batch ingredients.
- The intensive material mixture occurs in the turbulent overlap area of the two mixing circles in a rapid movement allowing material to move quickly throughout the mixer during the entire mixing process.

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**FEATURES**

- 0.7 in (18 mm) wear plates
- Wide range of models from 2.6 yd³ (2 m³) to 24 yd³ (18 m³)
- Cast tiles with 600 BHN, for maximum longevity
- Stone or material sizes up to 7 inches (180 mm)
- Replacement parts are available worldwide
- Specifically designed for efficient cement dispersion in slurries
- Powerful gearboxes for maximum power
- Outboard mounted bearings to prevent slurry infiltration
- Centralized automatic greasing system for seals and bearings with working pressure up to 1500 psi
- Specially designed mixing arms to reduce wear and encourage spiral concept mixing at slower speeds

**OPTIONS**

- Profiled mixer cover to prevent build-ups and reduce cleaning time
- Double paddle arrangement for more mixing efficiency
- High pressure cleaning system
- Customization of your mixer to suit your unique needs
- Multiple discharge opening with actuators and independent hydraulic group
- Customization of your mixer to suit your unique needs

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**WEAR & TEAR PARTS**

- **Hard cast iron**
  - NiHard I (18 mm)
- **Steel cast**
  - GS60
SPECIFICALLY DESIGNED FOR LONGEVITY & DURABILITY

TWIN-SHAFT

HIGH AND EFFICIENT SEALING SYSTEM FOR BEARINGS AND SHAFTS AGAINST CONCRETE ATTACK

HEXAGONAL SHAFT WITH 60º ARM POSITION

POWERFUL GEARBOXES

FULLY AUTOMATIC CENTRAL LUBRICATION SYSTEM

ROBUST AND STRONG WELDED CONSTRUCTION

PROFILED MIXER COVER

Our profiled mixer cover is designed to follow the path of the mixing tools to enable them to clean the inside of the cover. This prevents build-up and reduces the risk of dried ‘chunks’ falling into the mixer and blocking the pump or the borehole.
**SPECIFICALLY DESIGNED FOR PERFORMANCE MIXING**

<table>
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<tr>
<th>MODEL</th>
<th>M³</th>
<th>YD³</th>
<th>Motors</th>
<th>kW</th>
<th>hp</th>
<th>Retention Sec.</th>
<th>Mix Arms - Paddles</th>
<th>Scrap Arm-Paddle</th>
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**BMH’S EXPERTISE MAKES THE MOST OF YOUR INVESTMENT**

Helping you get there is what it’s all about. Whether you’re planning to retrofit existing facilities or start from the ground up, BMH’s expertise makes the most of your investment. Combining ingenious design and innovative technologies, we offer flexible solutions for today’s fast-paced market. Because our plants are built for optimal performance, the bottom line is a more profitable plant for you. BMH’s customized engineering works for you. All the way.

BMH Systems reserves the right to incorporate our latest designs and material changes without notice or obligation. Design features, materials of construction and dimensional specifications as described in this brochure are provided for your information only. Certified drawings are available upon request.

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