MINING DUTY CONSTRUCTION
READY MIX INDUSTRY PERFORMANCE

HIGH PERFORMANCE
TWIN-SHAFT MIXER
2 TO 17 YD³ - 1,5 TO 13 M³

WWW.BMHSYSTEMS.COM

OVER 40 YEARS OF INNOVATION

ARCEN®
BMH SYSTEMS
SPECIFICALLY DESIGNED FOR HIGH PRODUCTION

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.

WEAR & TEAR PARTS

FEATURES
► 0.7 in (18 mm) wear plates
► Wide range of models from 1.3 yd³ (1 m³) to 17 yd³ (13 m³)
► Cast tiles with 600 BHN, for maximum longevity
► Stone or material sizes up to 7 inches (180 mm)
► Replacement parts are available in North America
► Specifically designed for high performance concrete
► Discharge doors with built-in NiHard wear tiles and seals
► Outstanding results in Ready Mix, Wet Cast and RCC industries
► Powerful gearboxes for maximum power, especially in zero slump and dry mixes
► 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
► Fast discharge times

OPTIONS
► Independent Hydraulic Group
► High pressure cleaning system
► Customization of your mixer to suit your unique needs
► Control system with maintenance monitoring system via Wi-Fi and smartphones

TWIN-SHAFT

HARD CAST IRON
NiHard I (18 MM)

STEEL CAST
GS60
TWIN-SHAFT MIXER GATE SYSTEM

The discharge is accomplished through a hydraulic operated door which is assembled along the length of the mixer allowing a fast and complete discharge. The door is driven from a separate hydraulic pump but can also be opened manually in case of power failures.
BMH’s expertise makes the most of your investment

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.

### TWIN-SHAFT

<table>
<thead>
<tr>
<th>MODEL</th>
<th>UNIT</th>
<th>1500</th>
<th>2250</th>
<th>3000 / 3000CT</th>
<th>3750 / 3750CT</th>
<th>4500 / 4500CT</th>
<th>5250</th>
<th>6000</th>
<th>6750</th>
<th>7500</th>
<th>9000</th>
<th>12000</th>
<th>13500</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPAKTED CONCRETE PER</td>
<td>M³</td>
<td>1</td>
<td>1,5</td>
<td>2</td>
<td>2,5</td>
<td>3</td>
<td>3,5</td>
<td>4</td>
<td>4,5</td>
<td>5</td>
<td>6</td>
<td>7,8</td>
<td>10,5</td>
</tr>
<tr>
<td></td>
<td>YD³</td>
<td>1.3</td>
<td>2</td>
<td>2,6</td>
<td>3,3</td>
<td>4</td>
<td>4,6</td>
<td>5,2</td>
<td>5,9</td>
<td>6,5</td>
<td>7,8</td>
<td>10,5</td>
<td>12</td>
</tr>
<tr>
<td>OUTPUT DRIVE MOTOR</td>
<td>Kw</td>
<td>2 x 18,5</td>
<td>2 x 30</td>
<td>2 x 37</td>
<td>2 x 45</td>
<td>2 x 55</td>
<td>2 x 75</td>
<td>2 x 90</td>
<td>2 x 110</td>
<td>2 x 160</td>
<td>2 x 185</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HP</td>
<td>2 x 25</td>
<td>2 x 40</td>
<td>2 x 50</td>
<td>2 x 60</td>
<td>2 x 74</td>
<td>2 x 100</td>
<td>2 x 120</td>
<td>2 x 148</td>
<td>2 x 215</td>
<td>2 x 250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MIXING ARMS</td>
<td>#</td>
<td>6</td>
<td>10</td>
<td>8 / 12</td>
<td>12 / 14</td>
<td>12 / 16</td>
<td>14</td>
<td>16</td>
<td>16</td>
<td>16</td>
<td>18</td>
<td>16</td>
<td>18</td>
</tr>
<tr>
<td>MIXER WEIGHT</td>
<td>Kg</td>
<td>4900</td>
<td>7000</td>
<td>8500</td>
<td>8900</td>
<td>10300</td>
<td>11700</td>
<td>12500</td>
<td>14500</td>
<td>18500</td>
<td>20000</td>
<td>24000</td>
<td>26500</td>
</tr>
<tr>
<td></td>
<td>Lbs</td>
<td>10803</td>
<td>15432</td>
<td>18739</td>
<td>19621</td>
<td>22708</td>
<td>25794</td>
<td>27558</td>
<td>31967</td>
<td>40786</td>
<td>44092</td>
<td>52911</td>
<td>58422</td>
</tr>
</tbody>
</table>

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.