SMOOTH, EFFORTLESS & COST EFFECTIVE MIXING TECHNOLOGY

HIGH-PRODUCTION

RollMaster® REVERSING DRUM MIXER

OVER 40 YEARS OF INNOVATION

WWW.BMHSYSTEMS.COM
HIGH-PERFORMANCE
REVERSING DRUM MIXER

THERE IS ONLY ONE ROLLMASTER®

The RollMaster® was introduced to the industry by BMH Systems in 1999. While others have attempted to imitate the RollMaster®, they are simply behind before they begin. The RollMaster® is under constant evaluation by the same group of talented and forward-thinking Engineers that created it. They are able to build upon decades of industry use to re-innovate the innovation that is continuing to change the industry!

OUTSTANDING DESIGN

► REDUCED MAINTENANCE COSTS
Extremely sturdy and efficient, its design keeps your maintenance costs to a minimum, saving up to 50% on maintenance costs over traditional mixers.

► INCREASED PRODUCTION CAPACITY
Exclusive blade arrangement produces flawless concrete mixes in record time. Designed to allow for accurate slump control by using the motors power reading. Produces RCC to high slump concrete without spillage.

► HIGH RETURN ON INVESTMENT
Beneficial in every regard, the RollMaster® is paving the way to maximum profitability. Allows additional trips per truck. Thus providing greater profits while reducing truck fuel consumption and increasing truck barrel longevity.

► BETTER ENVIRONMENTAL RESULTS
The RollMaster® is designed to meet the strictest environmental standards. It keeps noise and dust to a minimum, making it the most environmentally efficient mixer in the industry. It discharges directly into the mixer truck via an enclosed chute, for better quality control and less concrete returns.

SMOOTHNESS & PRECISION

Designed for today’s fast-paced world, the RollMaster® is a revolution in itself. At the heart of profit-driven batch plants, its ingenious design combines simplicity of use with outstanding performance. Quiet to run, it operates with smoothness, efficiency and precision. Built for results, its innovative blade shovel system provides optimal charging, mixing, discharging and cleaning.

SIMPLY REVOLUTIONARY

BMH has developed the optimal mixing technology for the ready mix industry, the RollMaster®. This heavy-duty, high-capacity reversing drum mixer does not tilt. It rotates forward at full speed for charging and mixing and reverses rotation at variable speed for discharging. Mounted on solid urethane wheels, the drum rotates with less noise and vibration than any other mixer on the market. Costly ring gears and gear head motors are eliminated. The blade shovel system provides efficient charging, mixing and discharging, as well as easy cleaning.

REPLACEMENT PARTS
AVAILABLE IN ALL MAJOR CITIES IN USA, CANADA AND INTERNATIONALLY.
# High-Production Effective Central Mixer

**Sized to fit your needs**

### Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>Capacity per hour</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 yd³</td>
<td>120 yd³ 90 m³</td>
<td>26,400 lb 12,000 kg</td>
</tr>
<tr>
<td>6 yd³</td>
<td>180 yd³ 135 m³</td>
<td>33,000 lb 15,000 kg</td>
</tr>
<tr>
<td>8 yd³</td>
<td>240 yd³ 180 m³</td>
<td>40,000 lb 18,000 kg</td>
</tr>
<tr>
<td>10 yd³</td>
<td>300 yd³ 225 m³</td>
<td>46,500 lb 21,000 kg</td>
</tr>
<tr>
<td>12 yd³</td>
<td>360 yd³ 270 m³</td>
<td>53,500 lb 24,300 kg</td>
</tr>
<tr>
<td>14 yd³</td>
<td>420 yd³ 315 m³</td>
<td>56,500 lb 25,700 kg</td>
</tr>
<tr>
<td>16 yd³</td>
<td>480 yd³ 315 m³</td>
<td>60,000 lb 27,300 kg</td>
</tr>
</tbody>
</table>

### Dimensions

- **A** 8' 3"<br>10' 0"<br>11' 0"<br>11' 0"<br>11' 0"<br>11' 0"
- **B** 9' 2"<br>10' 4"<br>11' 0"<br>11' 0"<br>11' 0"<br>11' 0"
- **C** 2.50 m<br>4.5 m<br>7.5 m<br>9 m<br>10.5 m<br>12 m
- **D** 3.15 m<br>3.35 m<br>3.35 m<br>3.35 m<br>3.35 m<br>3.35 m
- **E** 2.5 x 30 hp<br>2 x 22 kW<br>4 x 25 hp<br>4 x 18 kW<br>4 x 50 hp<br>4 x 45 kW

*Subject to change without notice*
**HIGH-CAPACITY REVERSING DRUM MIXER**

**FEATURES**
- 1" (25mm) Thick steel shell fully lined with 1" (25 mm) abrasion-resistant urethane
- Rapid discharge rate
- No vibration, quiet operation
- Mounted on solid urethane wheels
- Low maintenance costs with fewer moving parts
- Shorter mixing time thanks to a unique blade arrangement
- Direct relation between concrete slump and motor current
- Cement, aggregates and water are loaded directly into the mixer
- Power panel 480 or 575 volts. Other voltages available upon request
- Can mix 0" slump concrete at 66% of its mixing capacity and 1" (25 mm) slump concrete at 100% capacity

**TWO-WAY CHUTE**
- Can be used for dry batching in case of low or small yardage situations. With totally enclosed chutes, you can by-pass the RollMaster® and dry batch in a dust free environment. For mixer maintenance, end-of-day or weekend calls, the by-pass dry batch chute adds greater flexibility to your plant.

**OPTIONS**
- Dust collector
- Two-way (dry batch) chute
- Telescopic and dry batch hood
- 2 x 3 hp (2.2 kW) emergency motors up to 12 yd³ or 9 m³ (connected to your generator, enabling you to unload during a power failure)

**DESIGNED FOR PERFORMANCE**
Mounted on solid urethane wheels, the drum rotates with less noise and vibration. Costly ring gears and gear head motors are eliminated. Its innovative blade shovel system provides optimal charging, mixing, discharging and cleaning.
- Parts available locally
- Rapid discharge at variable speeds
- Fewer moving parts lead to a reduction in maintenance
- Shorter mixing time thanks to a unique blade arrangement
- Can mix 1" (25 mm) slump concrete at 100% mixing capacity
- Can batch up to 16 yd³ (12 m³) of 12" (300 mm) slump concrete without spillage
- Desired concrete slump is easily obtained with motor’s power reading

**BMH’S ROAD-TESTED 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 road-tested 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.