CENTRAL MIX
BATCH PLANTS

HIGH PRODUCTION
HIGH PERFORMANCE
TAILORED ADVANTAGE

OVER 40 YEARS OF INNOVATION
WWW.BMHSYSTEMS.COM
TAILORED BATCH PLANTS

BMH Systems has been providing custom concrete batch plant solutions since 1979. From the very beginning, the name BMH Systems has been synonymous with industry expertise, innovative engineering, and high-quality products.

BENEFITS OF A CENTRAL MIX PLANT

- Quality control
- 2 - 3x less truck drum wear
- Higher production capacity
- Cleaner trucks and environment
- Difficult mix designs
- Faster truck loading and turnaround

Complying with today's rapid evolution of concrete applications requires flexible and reliable plants. From the modernization of existing plants to the construction of brand new facilities, each project is based on a thorough analysis of the client's individual needs. BMH Systems provides a one stop shopping opportunity for its customers. From the design stage to the commissioning of a concrete batch plant, BMH Systems directly manages each step of the project through a modular and integrated approach within a structure that is ISO 9001-2015 certified.
**Central Mix**

**Built to your exact specifications**

**Custom Design for:**
- Replacing an existing plant
- Difficult greenfield site requirements
- Challenging mix designs
- Efficient gravity configurations
- Low-profile height challenges
- Unlimited number and capacity of aggregate and cementitious materials
- Environmental concerns

**Cement Storage**
- Round Cement Silo
  - Fully welded construction
  - 1, 2 and 3 compartments
- Square Cement Bin
  - Any size and number of compartments
- Access
- Dust Control
- Anti-overfill System

**Mixer**
- Dual bay, wet and dry
- Emergency motors, full guards
- The RollMaster® reversing drum mixer, sizes 4 yd³ to 16 yd³ (3 m³ to 12 m³)
- Twin-Shaft

**Receiving Hoppers**
- Above or underground hoppers
- Any numbers of bins

**Aggregate Handling System**
- Unlimited capacity
- Rotary chute
- Belt conveyor
- Radial stacker
- Bucket elevator
- Shuttle belt conveyor

**Dust Control**
- Dust collection system at the discharge point of the RollMaster®, using bag filters or cartridges to recycle dust to the next batch or back to the plant

**Aggregate, Cement & Water Weight Hoppers**
- To fit any batch size

**Aggregate Heating System**
- Outside pads
- Inside aggregate bin
- Inside receiving hoppers

**Aggregate Bins**
- Bolt-in / Welded AR 450 Liners
- Enclosed
- Full access
- Heating system
- Moisture probe
- Automatic control
- Anti-corrosion paint
- Any size or number of compartments

**Batching Control**
- Manual
- Moisture probe compensation
- Computerized batch control system

**Control Room**
- Custom designed
- Easily accessible location
- Provided separately to ensure:
  - Sound proof
  - Minimum vibration
  - Temperature controlled environment
  - Dust free controlled atmosphere for computer’s control system

**Receiving Hoppers**
- Above or underground hoppers
- Any numbers of bins

**Aggregate Handling System**
- Unlimited capacity
- Rotary chute
- Belt conveyor
- Radial stacker
- Bucket elevator
- Shuttle belt conveyor

**Dust Control**
- Dust collection system at the discharge point of the RollMaster®, using bag filters or cartridges to recycle dust to the next batch or back to the plant

**Aggregate, Cement & Water Weight Hoppers**
- To fit any batch size

**Aggregate Heating System**
- Outside pads
- Inside aggregate bin
- Inside receiving hoppers

**Aggregate Bins**
- Bolt-in / Welded AR 450 Liners
- Enclosed
- Full access
- Heating system
- Moisture probe
- Automatic control
- Anti-corrosion paint
- Any size or number of compartments

**Batching Control**
- Manual
- Moisture probe compensation
- Computerized batch control system

**Control Room**
- Custom designed
- Easily accessible location
- Provided separately to ensure:
  - Sound proof
  - Minimum vibration
  - Temperature controlled environment
  - Dust free controlled atmosphere for computer’s control system

**BMH Systems**
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.