

# Your Source for Paste Backfill and Concrete Batch Plant Equipment.



## Designed for Performance

BMH uses twin-shaft technology, with the shafts powered by NEMA certified motors. The sturdy design of the main mixing pan with abrasion-resistant lining results in performance that satisfies your highest expectations. This mixing system allows you to prepare batches of up to 14 m<sup>3</sup>.

## Projects

Xstrata, Timmins, Ontario, paste backfill plant

Diavik Diamond (Rio Tinto), Yellowknife, NT, custom conveyor and paste backfill mixing system

PT Freeport, Papua, Indonesia, underground concrete batch plant

Barrick Gold Strike, Elko, Nevada, paste backfill mixing system

Xstrata, Matagami, Quebec, equipment for paste backfill mixing system



## Let the Recognized Expertise at BMH Provide You with the Best Equipment, Conforming to Your Specifications.

BMH systems is one of the leaders in the manufacturing of equipment for paste backfill or concrete plants, conventional and shotcrete. With some of the best technologies among the most qualified staff in the industry, BMH offers you optimal solutions for your particular needs, whatever the scope of your project.

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ISO 9001-2008 certified

**BMH**  
SYSTEMS

MINI-01-A-12

RELIABLE, HEAVY-DUTY EQUIPMENT, SIZED TO FIT YOUR NEEDS.

Over 30 years of innovation

**BMH**  
SYSTEMS



Conveyor

Mixing System

Storage Silo

## OUR COMMITMENT TO THE MINING INDUSTRY



Xstrata, Timmins, Ontario



Underground central mix plant, PT Freeport, Papua, Indonesia

**At BMH Systems, understanding client needs occupies every moment of our day. We can offer you a well-seasoned team, experienced in the design, manufacturing and distribution of high quality equipment for mixing and handling paste backfill and concrete.**

Our commitment to the Mining Industry has provided us with an intimate understanding of the issues and the challenges of manufacturing operations, therefore offering you a reliable and sturdy system, sized to fit your needs.

BMH has worked with the largest engineering firms for many years to develop and refine reliable, high-performance solutions that will provide many years of service.

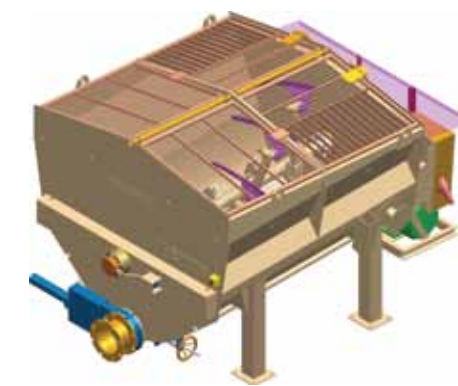
Our main projects are found at various international companies' mine sites, ranging from Diavik Mines in the Northwest Territories to Indonesia at the PT Freeport underground mine complex.

## OUR EXPERTISE

### MIXING SYSTEM

#### Sturdiness and Output Capacity

The paste backfill and shotcrete mixing procedures are based on twin-shaft technology. Whether for batch or continuous production, BMH brings the best equipment to the table, providing design and manufacturing to handle volumes of up to 14 m<sup>3</sup> per mixer unit.



### VIBRATING GOB HOPPER

#### Compatible and Sturdy

These devices are intended for storage, agitation and distribution of concrete or slurry. The upper part of the bin is sealed off by means of articulated screens, two of which are specifically designed for mining processes. The hopper gate is actuated by means of an electromechanical system and the mixing devices are controlled by an electrical gear motor with splined output shaft. A safety device prevents the opening of the screens during rotation of the mixing device (trapped key system).

### MATERIAL HANDLING

#### Solidity and Power

In each case, BMH determines the optimal feed configuration for aggregates or mining residues with the cement required for the manufacturing of paste backfill, according to the characteristics of the equipment such as cement silos, conveyor systems, meters and mixers, as per the drawings and the specifications.



### STORAGE

#### Efficient System

BMH designs robust silos for continuous material flow, ensuring smooth delivery and appropriate dosage of cement and other materials needed for the manufacture of paste backfill.