

# MBH PUMPS FOR MINING

*Versatile, really robust and definitely mobile*



**MBH**<sup>®</sup>  
**PUMPS**



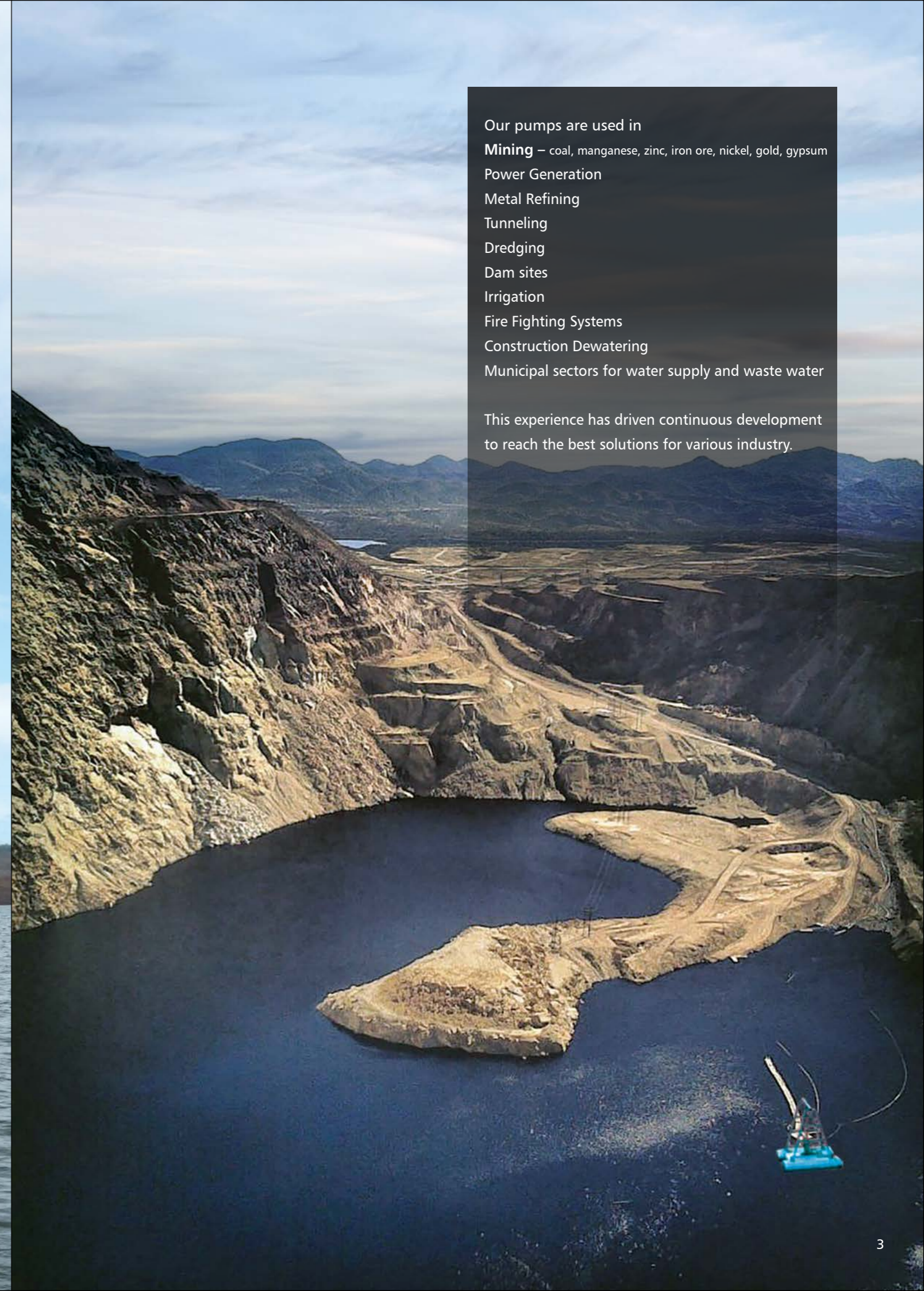
# DEWATERING

We, at MBH Pumps, have a profound understanding of different concepts used for Mine Dewatering. Being one of the only manufacturers from INDIA offering submersible pumps with flow rates upto **4000 m<sup>3</sup>/hour**, our single stage design provides pumping heads upto **120 m**. Our metallurgist select the finest alloys for the pumps, which are corrosion and abrasion resistant.

A pump forms an essential part of mining infrastructure and MBH helps ensure cost effective, continuous operations which is always focused on concept of high quality and safety. Apart from durable, user friendly and low maintenance **DC Dewatering Pumps**, MBH has also attained mastery in submersible slurry pumps. Even the most challenging slurries can't break through our **Ni-Hard Submersible slurry pumps**.

Our pumps are used in  
**Mining** – coal, manganese, zinc, iron ore, nickel, gold, gypsum  
Power Generation  
Metal Refining  
Tunneling  
Dredging  
Dam sites  
Irrigation  
Fire Fighting Systems  
Construction Dewatering  
Municipal sectors for water supply and waste water

This experience has driven continuous development to reach the best solutions for various industry.





# DEWATERING

Whether on the surface or underground, the conditions in mines are harsh. Besides the mud, slurry, stones and rocks, there are large volumes of water to remove in order to keep production moving. Our dewatering pumps are rugged and ready, taking on the toughest drainage and sludge removal.

Mine managers need solid economic reasons for purchasing equipment. Our dewatering pumps provide them with easy and safe, trouble-free pumps which ensures more time in the water and less in the workshop. Its low energy consumption saves running costs as well.

Our wide product range, from lightweight portable pumps to large dewatering pumps weighing more than two tons, ensures that MBH PUMPS are used in diverse applications around the mining world. Key dewatering applications include open cast and underground mines, as well as slurry and sand dredging. We are proud to share our few mining experiences...

Manganese Ore India Limited ( Manganese Mine )  
100 HP dewatering pumps ( 2 units )  
50 HP bore-hole submersible pumps ( 5 units )

Singareni Collieries Company Limited ( Coal Mine )  
75 HP bore-hole submersible pumps ( 10 units )  
100 HP submersible Slurry pumps ( 2 units )

Gujarat Industries Power Company Ltd. ( Lignite Mine )  
200 HP submersible dewatering pump ( 1 unit )

Essar Steel Hazira ( Steel Plant )  
225 HP submersible dewatering pumps ( 5 units )

Hindustan Zinc Agucha Mines ( Zinc Mine )  
170 HP submersible dewatering pumps ( 4 units )  
200 HP submersible dewatering pumps ( 4 units )

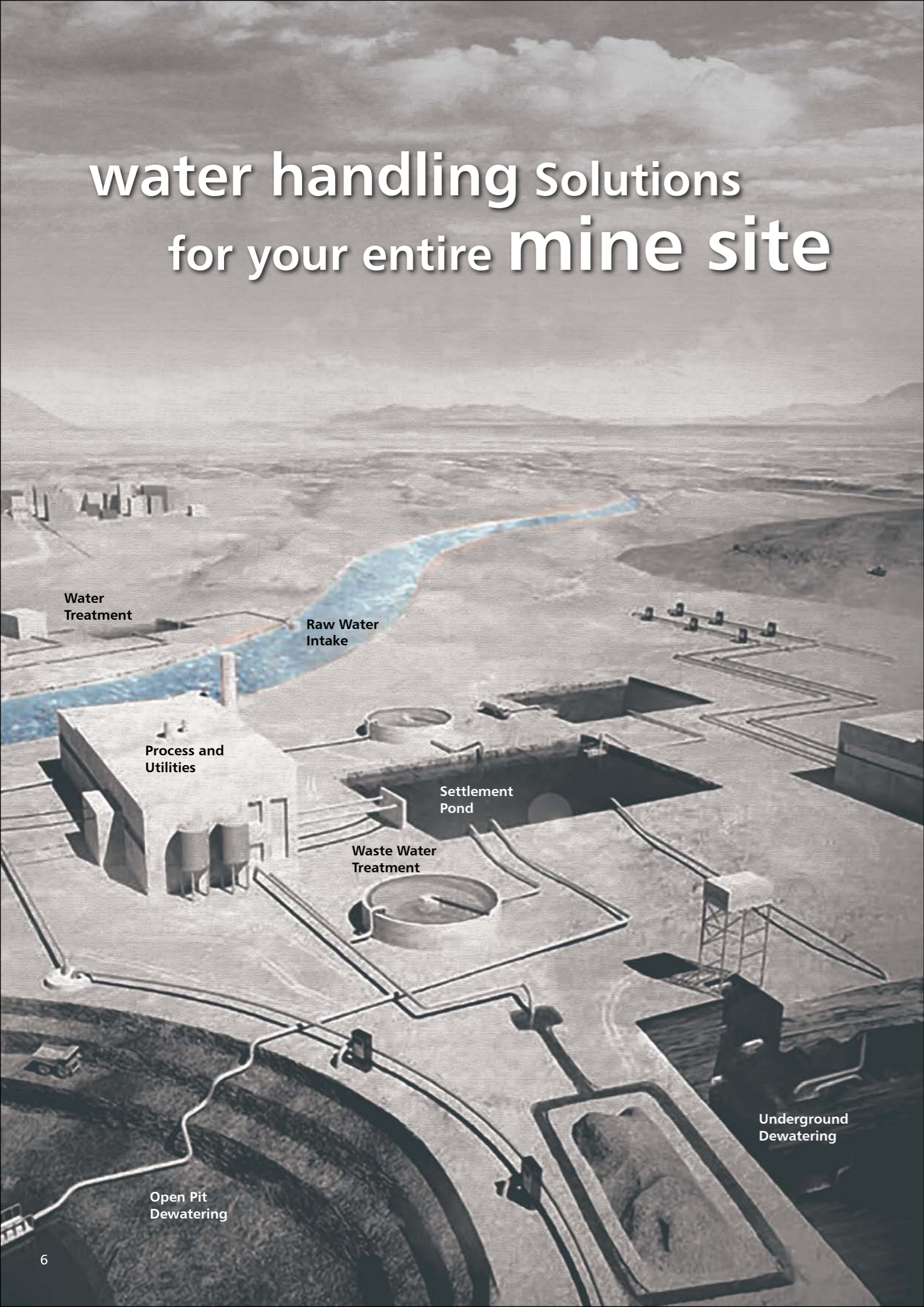
Utkal Alumina Rayagada ( Aluminium Smelter )  
60 HP submersible slurry pumps ( 2 units )

NTPC Vindhyachal ( Power Plant )  
85 HP submersible slurry pump ( 2 units )  
40 HP submersible slurry pump ( 2 units )

Sterlite Copper ( Copper Smelter )  
75 HP submersible slurry pump ( 1 unit )



# water handling solutions for your entire mine site



## Submersible Dewatering & Polder Pumps

Pumps are vertical, single or two stage submersible motor pumps made of wear-resistant industrial materials in close-coupled design. Pumps are designed for wet, stationary and transportable installations.

Head : upto 180 meters  
Flow : upto 1500 m<sup>3</sup>/hr  
Motor : 0.75 to 222 kW



## Submersible Slurry Pumps

These state-of-the-art submersible pumps slurries containing abrasive solids, are capable of pumping slurries containing solids upto 65% by weight and are very successful in trouble some applications in a wide range of industries.

Head : 50 m head  
Flow : 420 m<sup>3</sup>/hour  
Solid content by weight : 65%  
Specific gravity : 2.8 kg/l



## Submersible Centrifugal Pumps

Vertical or horizontal, single-stage submersible motor pump made of wear-resistant industrial materials in close-coupled design for wet or dry installation.

Head : 110 meters  
Capacity : upto 2500 m<sup>3</sup>/hr.  
RPM : 960/1450/2900  
Motor : 0.75 to 222 kW  
Bearing : Double angular contact ball bearing and Deep groove ball bearing

## Pro-Prime Series Autoprime Pumps

MBH Pumps Pro-Prime Series pumps are designed and built to with stand the most demanding applications. MBH Pro-Prime pumps offer excellent hydraulic efficiencies, low maintenance and operating costs.

Head : upto 200 meters with single stage impeller  
Flow : upto 2500 m<sup>3</sup>/h  
Solids handling : upto 125 mm  
Mechanical seal fitted pumps



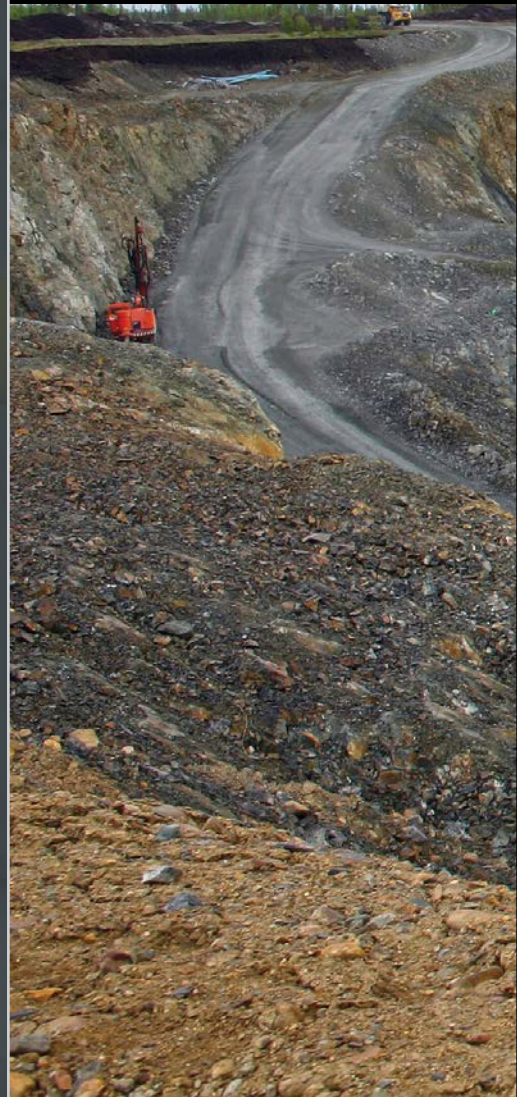




DC Dewatering Pumps  
Head : 30 meters  
Flow : 1500 m<sup>3</sup>/hr  
Motor : 167 kW  
RPM : 1450

Established in 1969, MBH started with manufacturing pumps and since then has continuously expanded its product range, improved quality through technology upgradation and provides reliable solution through its dedicated work force.

Our products and services have established newer trends in Industrial, Agricultural and Domestic segments for various applications.



*Specifications and performance are subject to change without prior notice.  
Images used are for illustration purpose only.*

**MBH**  
**PUMPS**

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