

# OVERALL MINING - MOSTLY UNDERGROUND

## NEW GPM-Eliminator™ High Head Pump



### GPM Overview

GPM has served the mining industry for over 45 years with slurry pumps built to last. GPM is offering a new high head dewatering pump capable of handling anywhere from clean water to 15-20% solids.

We designed the High Head (HH1.5) GPM-Eliminator to address common issues faced in applications both in underground and open-pit mining such as run-dry conditions, reliability, and a mechanical seal design that prevents water from entering the motor housing. This pump is overbuilt to handle the most demanding dewatering applications:

- Shaft bottom dewatering
- Ramp applications
- Mine level sumps
- Face dewatering
- Open-pit dewatering
- Wash plants
- Aggregates & sand pits

**GPM Eliminator™**  
SOLID PUMPING SOLUTIONS



### The Made Tough™ Advantage

Utilizing the strongest materials, the GPM-Eliminator HH1.5 is designed to outlast the competition while decreasing reoccurring maintenance and pump replacement costs.

- Class-H Insulation, inverter duty motor with run-dry capabilities
- CD4MCuN wet-end
- Semi-open impeller design
- 416SS shaft construction
- 33' SHD-GC mining cable with longer options available
- Auxiliary cable for continuous monitoring

GPM's potted cable entry will endure approximately 90' of submergence, standard HH cable length is 33'

GPM-Eliminator™ standard inverter duty, air-filled, and copper wound class-H (180°C/365°F) insulated premium efficiency TENV (Totally Enclosed Non-Vented) motor

Temperature sensors are placed in the stator to protect against overheating (Available with optional auxiliary cable)

Shafting material is 416ss (stainless steel)

GPM utilizes maximum material thickness of external pump castings to maximize durability and service life

Seal sensor produces an alarm to warn user if seals have been breached (Available with optional auxiliary cable)

The seal arrangement is a double mechanical seal preventing product from being introduced into the motor housing

GPM's flinger/labyrinth helps to keep product from reaching the mechanical seal and breaks down mechanical pressures

Wet end components are CD4MCuN, a duplex stainless-steel alloy for maximum yield strength

The impeller is a 5 vane CD4MCuN semi-open impeller for optimal pressure output

