

MIXERS

**Extract
Wealth
from our
Expertise**



Hayward Gordon

MINING & MINERAL PROCESS SOLUTIONS

Experts in the Mining Industry

For over 40 years Hayward Gordon has been actively involved in the selection and manufacture of mixers for the mining and mineral process industry. In this time, we have developed an expertise and installation portfolio second to none. Hayward Gordon has been at the forefront of many of the largest and most innovative projects in the world. Discover how our expertise can improve your process result.

Autoclave Mixers

In the late 1960's, Hayward Gordon was involved in the first commercial copper leach circuit. This provided a capability that has subsequently led to many mixer installations for high pressure, high temperature oxidation, leach and reduction autoclaves.

With installations in all of these processes, Hayward Gordon has established itself as a market leader in high pressure mineral extraction.

Gold Leach/Carbon Absorption

Hayward Gordon designed and installed the first draft tube CIP and Leach mixers in Canada. Over the years as technology has changed, we led the market with larger and larger open tank installations. With literally hundreds of mixers successfully operating on tanks from 20' to 59' in diameter, Hayward Gordon is a clear leader in this market.



Conditioning

Hayward Gordon worked closely with one of Canada's leading metallurgical research facilities on high intensity conditioning of fine grind ores. This patented process includes the use of Hayward Gordon developed impellers. We have provided High Intensity Conditioners in North and South America with excellent process improvements. Standard conditioners are also available from our heavy duty line of mixers.



Pipeline Feed and Storage

In South America, the copper mines are typically located high up in the remote regions of the Andes. Copper ore is concentrated, then slurried and pumped to port or railhead where it is dewatered. At both ends of the pipeline, large mixers maintain a uniform suspension of the concentrate slurry in feed and storage tanks.

Hayward Gordon was chosen to supply mixers for two of the largest systems in South America. Our units were selected for their rugged reliable design and efficient maximization of tank surge capacity.

Solvent Extraction

Hayward Gordon designs pumps as well as mixers. Pump Mixers combine both our areas of expertise. Installations in the U.S. and South America have provided us with the process and mechanical background to provide pump mixers that meet head and flow requirements while minimizing entrainment.

Non-Metallic Extraction

With massive Potash deposits in Central Canada, Diamonds in the far north and a mature Phosphoric acid business, non-metallic extraction processes have been a large market for our mixers. Phosphoric attack tanks, scrubbers for Potash slurries, leach mixers for silvite, silvinitite and schoenite slurries, Kaolin storage mixers and asbestos leaching - Hayward Gordon's expertise has been successfully used to extract a wide variety of non-metallic minerals.

Recent Installations

A sampling of projects where Hayward Gordon mixers were recently selected include; Minera Alumbra, Minera Dona Ines de Collahuasi, Voisey's Bay, Pipeline, East West Caribou, Musselwhite, Sociedad Minera Salar de Atacama, OMAI Gold & BHP Diamonds.



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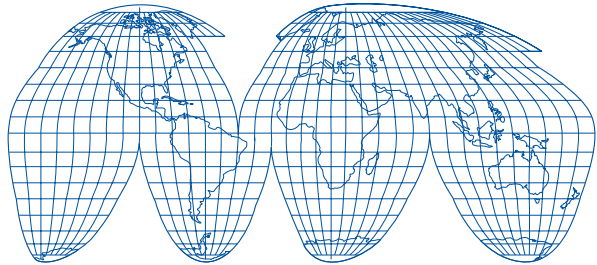
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World Wide Installations



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Hayward Gordon

Process Solutions since 1952

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