

Modular Gold Plant "MGP"



The RESOURCES Modular Gold Plant is a purpose specific gold recovery solution engineered to be easily transported and completely operational from 9 standard shipping size modules. The ability to rapidly transport the MGP to various site locations by air, land or sea provides the resource owner with a truly mobile, modular and self sufficient plant. As a result, large relocation costs are eliminated or the expense of ore haulage to a remote processing plant. The MGP offers gold reserve owners a unique opportunity - The ability to rapidly exploit gold reserves that cannot justify the high capital cost of traditional fixed gold processing plants.

A standard RESOURCES Modular Gold Plant is capable of treating 200 to 600 tons per day and can be configured or expanded on to meet the reserve and site specific requirements.

The RESOURCES Modular Gold Plant design is focused on the recovery of gravity and sulfide gold and includes milling, classification, gravity and flotation recovery modules. This process produces gravity gold concentrates that can be sold outright or directly smelted on site generating instant cash flow as well as flotation concentrate for further processing.



Key Features and Benefits:

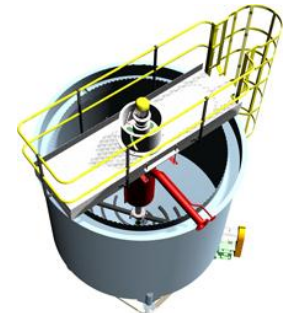
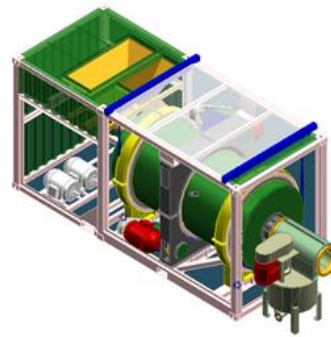
- Immediate generation of cash flow.
- Very rapid repayment period on initial capital outlay.
- Environmentally friendly.
- No environmental impact studies are required.
- No rehabilitation costs need to be allowed for.
- Very low operating costs.
- Plant is rapidly deployed or relocated.
- Dedicated water recovery system.
- Plant footprint is small as the modules form the plant structure.
- Minimal civil works needed.
- Can be integrated into a larger process as a first stage recovery step.
- Can be supplemented with leaching equipment, initially or at a later stage.



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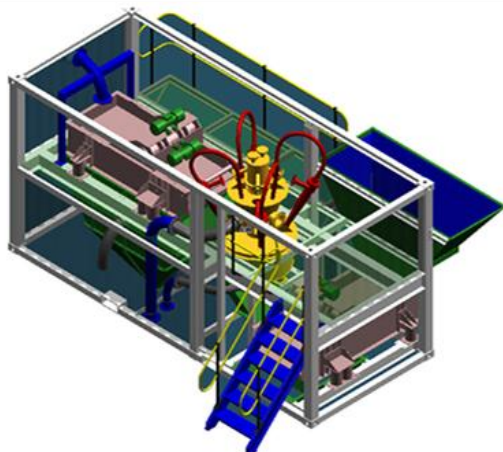


resources™
gold technology

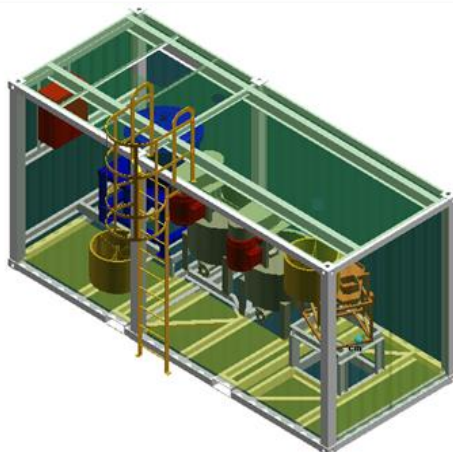


High Rate Thickener

Grinding Mill - The mill is a rubber lined ball mill. Installed power is typically 400 to 500 kW via drive motors. The mill features a proprietary sprocket drive and is supported on trunnion bearings. The mill is fully variable speed capable allowing optimization of power draw and high level mill control. A steel ball charge is used in the mill and is comprised of a mixture of 50mm and 20mm balls.



Classification and Screening Module - The classification and screening module is located on the third floor level. This module provides a core area for all the separation equipment. The compact floor plan includes a feed inlet from a bucket elevator with integral chute. It also includes a primary trash removal screen, dual hydrocyclones and a concentrator protection screen.



Gravity Recovery Module - The gravity recovery module features twin automated centrifugal gravity concentrators as a primary concentration method. Final concentrate is refined on a Gemini shaking table. This module also includes a concentrate transfer system. The gravity concentrators are sized to accommodate up to a 300 % re-circulating load in closed circuit with the mill.

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