

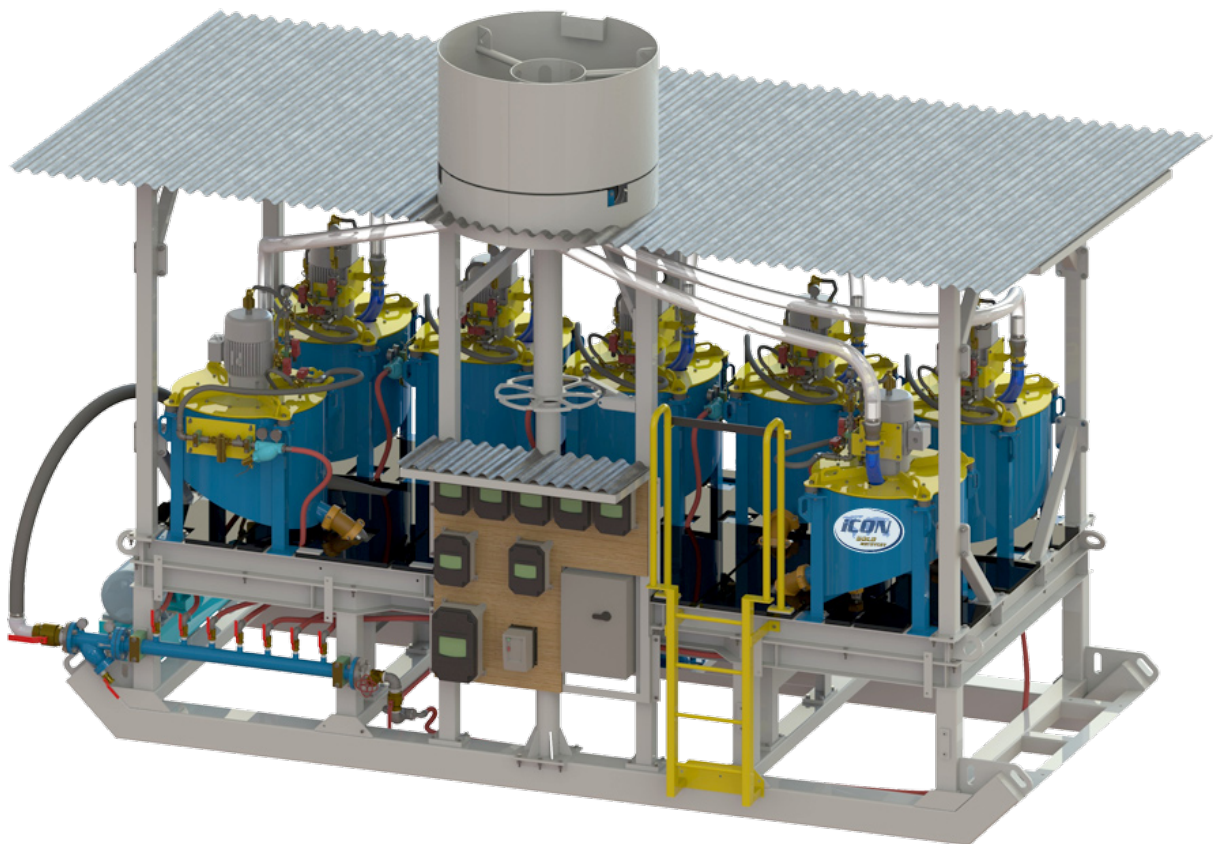


Recuperación de Oro
Recuperação de Ouro
Récupération de l'or
Добыча золота

www.iconcentrator.com

Patents Pending

iCON Gold Recovery is proud to present the
IGR 6x7 Battery Plant



Specifically designed for Pre-Classified Slurry

www.iconcentrator.com

The iCON Battery Plant

The iCON Battery Plant was designed by real miners working in remote regions of the world. It utilizes the i350 concentrator which has become the World Wide placer mining standard for fine gold.

Gold concentrators are 'batch' machines. This means you must occasionally divert the feed to rinse the rich concentrate. In a system with only 1 concentrator, you either 'by-pass' to tails or to a tank/slurry pump that recirculates the slurry back to a head tank. A system having 2 concentrators would allow you to always feed 1 out of the 2. This is inefficient. A system feeding 2 concentrators while rinsing a third, becomes financially viable when using the economical i350. A battery feeding 6 while rinsing the 7th is very efficient and cost effective. The iCON Rotary Distributor allows easy distribution of the slurry and sequential rinsing without complicated industrial valves and/or controls. The distributor is hand operated.

Features

- Option to feed slurry or to the distributor or feed dry sand to a mixing flume
- Optional dewatering/desliming cyclone
- Manually operated Rotating Distributor
- 6 active concentrators while a 7th unit is rinsing
- iPump to deliver the concentrates to a location of your choice
- Tails chute allowing gravity discharge of the tails
- Head tank allowing for even distribution of the slurry
- Optional booster pump to deliver process water to the concentrators

Benefits

- Lowest installed cost per ton of any concentrator: bowls or spirals
- Simple Design
 - No computerized controls
 - No pinch valves
 - No compressed air

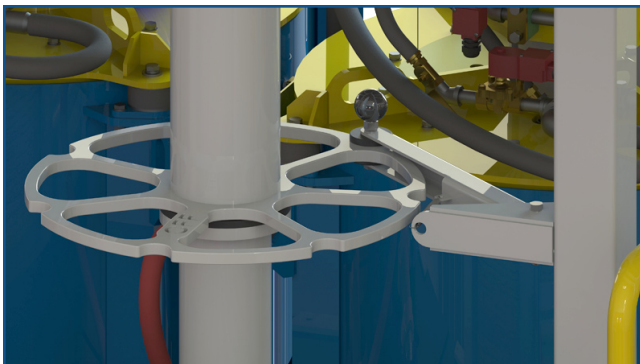
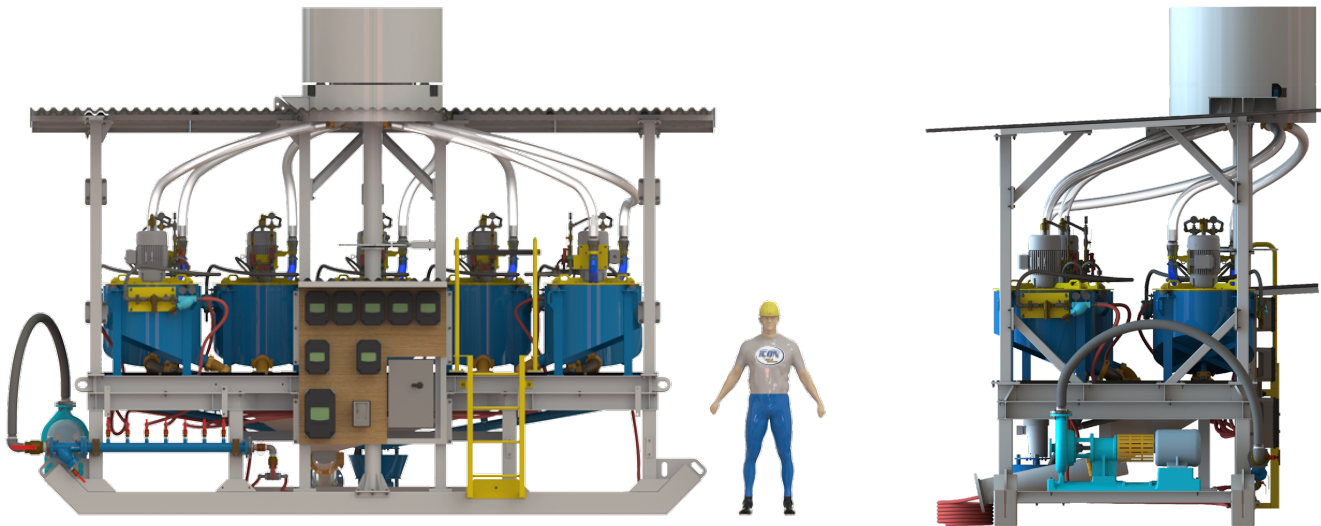
Please visit our web site for complete details: www.iconcentrator.com

- High Reliability
Minimal moving parts to wear
Serviceable with hand tools in the field
- Ease of Operation
Intuitive/visual operation
Minimal training required

Capacity

Intended for a 100 tph Alluvial Plant.

- The efficient capacity is 60 tph of 2mm-
- The max capacity is 90 tph allowing for surges and variation in the feed
- Each i350 is capable of 30 m³ of slurry or 180 m³ for the 6x7 battery



The Handwheel is rotated periodically to sequentially isolate 1 concentrator while the other 6 are actively fed. This operation is intuitive and easy for an operator anywhere in the world.

Please visit our web site for complete details: www.iconcentrator.com

What's Included

7	i350 Concentrators with VFD and push button start/stop
1	iPump used as a concentrate pump with VFD and push button start/stop
1	6x7 Rotary Distributor with Manual Handwheel
1	Extra Heavy Duty Skid Structure
All plumbing and wiring within the envelope of the plant	
Tails launder designed for gravity discharge	

What's Not Included as Standard Equipment

Electrical Generator
Process water booster pump

Optional Equipment

- Dewatering/desliming cyclones
- Slurry transfer pump
- Process water pump

Please visit our web site for complete details: www.iconcentrator.com