

## Savana Portable Mineral Washplant



### Savana Portable Washplants

With years of field-testing and research Savana washplants are engineered specifically for the processing, separating and recovery of alluvial gold, diamonds and heavy minerals. Our modular plants utilize a powered drive system with a full variable speed control unit. Our washplant trommels are built standard with replaceable screening sections, a heavy-duty outer shell and frame and a full-length spray bar. Our plants are well suited for production or exploration and include an integrated Pan-American duplex recovery system. Our clay scrubbing Savana washplants are supplied mounted on a mobile chassis, portable skid base or modular frame and are manufactured in unit sizes up to 50 Tons/Hr.

### The Savana portable mineral processing unit integrates:

- **Proper feed preparation** - Delivers a well-controlled feed to the trommel and integrated gravity concentrator
- **Classifying and washing of material** - Utilizes gravity as the primary physical element for separation and concentration of alluvial material
- **Pan-American jig recovery system** – The Savana Mineral Jig range has many advantages such as high recovery, high unit throughput, low water consumption, simple operation and high security
- **Low Hutch Water & Power Requirements**—The Jig can operate with less water than other recovery systems. It can operate effectively with pulp densities up to 40% solids by weight. By comparison, a sluice/riffle system works best in the 10% solids range.
- **Fine gold recovery system** – Collects and processes the jig hutch product to recover the fine gold or heavy mineral product
- **Portability** - Units are fully portable and are designed to be setup and dismantled quickly



**Savana Engineering Services  
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Model	Solids Feed Capacity	Slurry Feed Capacity	Width	Length	Feed Height	Water Requirement	Sluice Recovery (Optional)	Motor Power	Recovery System
5	5 tons/hr 3.3 yds3/hr 2.5 m3/hr	15 tons/hr 9.8 yds3/hr 7.4 m3/hr	8.7 ft 2.6 m	11.1 ft 3.4 m	9.8 ft 3.0 m	180 gpm 681 lph	15" x 10'	2.2 kw	GC-10 Duplex Jig
10	10 tons/hr 6.5 yds3/hr 5 m3/hr	30 tons/hr 19.6 yds3/hr 14.9 m3/hr	10.1 ft 3.0 m	12.2 ft 3.7 m	10.2 ft 3.1 m	300 gpm 1136 lph	15" x 10'	4.4 kw	GC-15 Duplex Jig
25	25 tons/hr 16.3 yds3/hr 12.5 m3/hr	75 tons/hr 50 yds3/hr 37 m3/hr	13.7 ft 4.2 m	19.3 ft 5.8 m	12.8 ft 3.9 m	400 gpm 1514 lph	15" x 10'	11 kw	GC-30 Duplex Jig
50	50 tons/hr 32.6 yds3/hr 24.9 m3/hr	150 tons/hr 98 yds3/hr 75 m3/hr	17.7 ft 5.4 m	23.2 ft 7.1 m	13.7 ft 4.2 m	850 gpm 3218 lph	15" x 10'	15 kw	GC-50 Duplex Jig

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