

## Savona Equipment Trommel Scrubber Wash Plant with Hy-G Concentrator Gold Recovery System **[Inventory ID #1011486]**



The Savona Equipment and Hy-G Concentrator wash plant and gold recovery system is designed to wash and scrub placer ore to liberate the free gold. The Hy-G Concentrator can recover +95% of the free gold as fine as 325 mesh (44 micron).

Additional equipment would be required to operate the system such as generator, pumps, conveyors, etc. Please inquire to discuss your specific requirements and available options.

Savona Equipment Scrubber Trommels and Hy-G Concentrators are manufactured in Canada.

### **Equipment Details:**

- The Savona Equipment ST-Series scrubber trommel wash plants are custom designed and built as user-friendly, heavy duty, and effective wash plants. The wash plants can be operated as stand-alone processing and gold recovery systems with a sluice box or as a processing system that feeds a Hy-G Concentrator gold recovery system.
- Savona Equipment ST70 Custom Scrubber Trommel Wash Plant
- 20 HP Electric Drive Motor
- Heavy Duty Gear Reducer, Sprocket, and Chain Driving Trommel Drum
- Receiving Hopper with Wash Bars and Deflector Plate
- 48 in. Diameter Trommel drum with wash bar, lifters, retention rings, and punch plate screen.
- Estimated Capacity: 50 to 100 YPH (75 to 150 TPH).
- Expected Water Consumption: 500 to 800 GPM at 40 to 60 PSI.
- Operating Dimensions and Weight:
- 28 ft. Long
- 13 ft. High to top of hopper deflector plate.
- 9.5 ft. Wide to edges of hopper deflector plate.
- Approx. 14,500 lbs.

**Made in Canada.**

**Worldwide shipping available.**

Savona Equipment Ltd. is an authorised global distributor for Hy-G Concentrators Inc. [www.hygconcentrators.com](http://www.hygconcentrators.com) and provides the same great OEM pricing and service.

**The Hy-G P40 Gold Concentrator provides exceptional recovery of extremely fine gold and other minerals and metals.**

**Hy-G P40 is part of the Hy-G Placer Series centrifugal concentrators which are engineered specifically for placer mining applications.**

**Some of the P40 advantages are:**

- Engineered to recover over 95% of gold as fine as 44 Micron (325 Mesh) under correct operating procedures.
- Recovers fine flat and flake gold.
- It is a semi-batch concentrator and it can be operated up to 24 hours between clean-outs which only take minutes.
- Engineered placer bowl designed for max recovery even with larger feed sizes, fluctuations in feed rates, and variations of particle sizes common in placer mining applications.
- Stainless steel bowl help prevent plugging and provide precise control of water pressure and flow to ensure efficient recovery.
- Heavy duty design and very limited wear parts to ensure durability for tough and remote mining conditions around the world.
- Supplied standard with a simple electrical start/stop and single water valve control for start-up, shut-down, and clean-outs to reduce operational complexity. Automated controls are optional.

**Specifications:**

- Max Capacity: 120 TPH
- Max Capacity within Max Recovery Range: 60 TPH (Approximately)
- Max Particle Feed Size: 6mm
- Recommended Feed Particles Size: 5mm Minus.
- Motor: [25 HP](#)
  - Hz: 50 or 60
  - Voltage: Per Customer Request
- Water required: 310 GPM @ 35 psi.
- G-force: 70.
- Weight: 2804 kg (6,182 lbs)

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- Dimensions: 2.21m long x 1.78m wide x 2.50m High (7' 3" x 5' 10" x 8' 2-1/4" high)

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