



HY-G

CONCENTRATORS

PLACER (P) SERIES

Hy-G P12T Gold Concentrator Test Plant

2 in 1 Test Plant with built-in Vibrating Wash Screen

Portable two-in-one test plant with a built-in vibrating wash screen and high-G fluidized bowl. The P12T delivers +95% recovery of free gold, by gravity and fluidization, with no mercury or chemicals.





WHY THE P12T

- 2-in-1 portable test plant with a built-in vibrating wash screen to pre-treat and classify ore.
- High-G fluidized bowl recovers coarse, fine and ultra-fine free gold (+95% from 6 mm to 44 micron / 1/4" to 325 mesh), including fine flake gold.
- Uses no mercury or chemicals.
- Typically increases recovery 30%–70% when replacing sluice boxes and jigs for fine gold.
- Can run continuously for up to 24 hours between flush cycles.

No mercury or chemicals are used in the Hy-G P12T Gold Concentrator Test Plant. Gold is recovered by gravity and fluidization only — no mercury amalgamation and no chemical leaching.

APPLICATIONS

- Field testing alluvial placer and crushed ore samples
- As a small production plant in alluvial placer and crushing applications
- Gold-room upgrading of concentrates from high-capacity Hy-G concentrators

Max Capacity: 10 TPH

Efficient Capacity: Approx. 5 TPH

Feed: Max Screen Size: 6 mm (1/4 inch)

Recovery: +95%

STANDARD EQUIPMENT

- Built-in vibrating wash screen
- Fluidized centrifugal concentrating bowl
- Single-phase 1 HP and 0.25 HP motors





SPECIFICATIONS

OVERVIEW

Series	Placer (P) Series
Bowl Size	305 mm (12 inch)

CAPACITY & FEED

Max Capacity	10 TPH
Efficient Max Capacity	Approx. 5 TPH
Feed / Max Screen Size	Max Screen Size: 6 mm (1/4 inch)
Recovery	+95% recovery of gold from 6 mm (1/4") to 44 micron (325 mesh), incl. fine flake gold

DRIVE

Motor(s) / Power	Two (1 HP + 0.25 HP) · Single Phase 1 HP and 0.25 HP
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WATER & CONCENTRATE

Water Required	Approx. Min. 60 GPM @ 35 PSI
Concentrate Volume	10 liters Solids (approx. 2.5 Gallons Solids)

WEIGHT & DIMENSIONS

Price	Request Pricing
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Request a quotation. Tell us about your feed material and target capacity — we'll recommend the right Hy-G concentrator and prepare a quotation. Tel +1-250-572-0774 · 6351 Trans Canada Hwy, Savona, British Columbia, Canada

