



HY-G

CONCENTRATORS

PLACER (P) SERIES

Hy-G P40 Gold Concentrator

Alluvial Placer + Crushed Ore Duty – Ultra-Fine Gold Recovery – High-Capacity Production

High-capacity production placer/crushed-ore concentrator with heavy-duty lifting eyes. The P40 delivers +95% recovery of free gold, by gravity and fluidization, with no mercury or chemicals.





WHY THE P40

- High-capacity production concentrator for alluvial placer and crushed gold ore; use as a single unit or in a bank.
- Recovers +95% of free gold between 6 mm and 44 micron (1/4" to 325 mesh), including flat flake gold common in alluvial placer ore.
- Continuous concentration for up to 24 hours, producing high-grade concentrate at low total volume and reducing downtime.
- Concentrate can be upgraded with a Hy-G P12 or P5, or taken directly to the concentrating table for final clean-up.
- Uses no mercury or chemicals.

No mercury or chemicals are used in the Hy-G P40 Gold Concentrator. Gold is recovered by gravity and fluidization only — no mercury amalgamation and no chemical leaching.

APPLICATIONS

- Medium to large-scale alluvial placer and crushed-ore gold wash plants
- Tailings re-processing to recover fines and ultra-fines missed by sluice boxes, jigs and other centrifuges

STANDARD EQUIPMENT

- Fluidized centrifugal concentrating bowl with retention rings
- Heavy-duty lifting eyes for ease of installation
- Fresh-water fluidization control

Max Capacity: 120+ TPH

Efficient Capacity: Approx. 60 TPH

Feed: 6 mm (1/4")

Recovery: +95%



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Hy-G P40 — Product Brochure
Made in Canada · Worldwide shipping



SPECIFICATIONS

OVERVIEW

Series	Placer (P) Series
Bowl Size	1016 mm (40 inch)

CAPACITY & FEED

Max Capacity	120+ TPH
Efficient Max Capacity	Approx. 60 TPH
Feed / Max Screen Size	6 mm (1/4")
Recovery	+95% of free gold between 6 mm and 44 micron (1/4" and 325 mesh)

DRIVE

Motor(s) / Power	One (25 HP) · 25 HP
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WATER & CONCENTRATE

Water Required	1173 lpm at 241 kpa (310 gpm @ 35 PSI)
Concentrate Volume	53 liters of Solids (approx. 14 gallons of Solids)

WEIGHT & DIMENSIONS

Weight	2,804 kg (6,182 lbs)
Dimensions	L 2.21 m (7 ft 3 in) W 1.78 m (5 ft 10 in) H 2.50 m (8 ft 2.25 in)
Price	Request Pricing

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

