



HY-G

CONCENTRATORS

PRODUCT LINE OVERVIEW

Hy-G Gold Concentrators

Ten models · +95% ultra-fine gold recovery · gravity & fluidization only

From lab-scale mill concentrators to high-capacity placer production plants, every Hy-G model recovers +95% of free gold using a fluidized centrifugal bowl — with no mercury or chemicals.





THE HY-G ADVANTAGE

- **+95% recovery of free gold** — down to 44 micron (325 mesh), including fine flake gold.
- **Gravity & fluidization only** — no mercury or chemicals are used in any Hy-G concentrator.
- **Two families:** the Mill (M) Series for ultra-fine gold in milled ore, and the Placer (P) Series for alluvial placer, crushed ore and gold-room duty.
- **High-G fluidized bowl** retains high specific-gravity particles such as gold and discharges light waste to tailings.
- **Continuous operation** for up to 24 hours between clean-outs, producing high-grade concentrate at low total volume.
- **Made in Canada · Worldwide shipping.**

MODEL COMPARISON

MODEL	SERIES	BOWL	MAX CAP.	EFFICIENT CAP.	FEED / SCREEN	MOTOR(S) / POWER
M6	Mill	—	1 TPH	Approx. 0.5 TPH	177 Micron (80 Mesh)	—
M10	Mill	250 mm (10")	8 TPH	Approx. 4 TPH	177 Micron (80 Mesh)	—
M16	Mill	406 mm (16")	40 TPH	Approx. 20 TPH	177 Micron (80 Mesh)	—
M24	Mill	610 mm (24")	80 TPH	Approx. 40 TPH	177 Micron (80 Mesh)	—
P5	Placer	127 mm (5 inch)	500 lbs/hr	Approx. 250 lbs/hr	5 mm (3/16 inch)	One (0.25 HP) · Single Phase 0.25 HP
P5T	Placer	127 mm (5 inch)	500 lbs/hr	Approx. 250 lbs/hr	Max Screen Size: 5 mm (3/16 inch)	Two (0.10 HP + 0.25 HP) · Single Phase 0.10 HP and 0.25 HP
P12	Placer	305 mm (12 inch)	10+ TPH	Approx. 5 TPH	6 mm (1/4")	One (1 HP) · 1 HP
P12T	Placer	305 mm (12 inch)	10 TPH	Approx. 5 TPH	Max Screen Size: 6 mm (1/4 inch)	Two (1 HP + 0.25 HP) · Single Phase 1 HP and 0.25 HP
P21	Placer	533 mm (21 inch)	60+ TPH	Approx. 30 TPH	6 mm (1/4")	One (7.5 HP) · 7.5 HP
P40	Placer	1016 mm (40 inch)	120+ TPH	Approx. 60 TPH	6 mm (1/4")	One (25 HP) · 25 HP

All models recover +95% of free gold by gravity and fluidization — no mercury or chemicals. Mill (M) Series: 177–37 micron (80–400 mesh). Placer (P) Series: 6 mm–44 micron (1/4"–325 mesh); P5/P5T: 3 mm–44 micron (1/8"–325 mesh). Dual units are shown where specified by the manufacturer; "—" = not published for that model.

Specifications are subject to change. Contact Hy-G for the latest specification sheet, pricing and availability.