

Falcon SB250 Gold Concentrator [Inventory ID #184346]



Manufacturer: FALCON

- **Model SB250**
- **Recommended Solids Capacity:** 1-10 t/h.
- **Approximate Slurry Capacity:** 20 m³/hr.
- **Concentrating Surface Area:** 0.17 m².
- **G-Force Range:**
 - Upper: 200.
 - Lower: 50.
- **Motor:** [3 HP](#) high efficiency TEFC electric motor.
- **Process Water Consumption:** 1.8-2.7 m³/hr.
- **Continuous Water Supply Pressure:** 2-3 bar.
- **Recommended Max Feed Particle Size:** 2.0 mm / 2/25 in.
- **Absolute Maximum Particle Size:** 2.5 mm / 1/10 in.
- **Maximum Feed Percent Solids:** 55-70%.
- **Concentrate Slurry Slush Volume:** 50 l.
- **Concentrate Solids Flush Volume:** 1010 cm³.
- **Dimensions:** 3.4 ft. X 2.2 ft. X 3.34 ft.
- **Includes:**
 - E1022 screen/keypad.
 - Mitsubishi PLC.
 - VFD and dynamic brake with standard Falcon control software capable of remote monitoring by customer.
 - 110V control transformer, relays, selector switches, indicator lamps, breakers, and isolators.
 - Single NEMA 3R panel
- **Rotor:** Two stage rotor with polyurethane stratification zone.
- **Concentrate Basket:** Replaceable UHMW concentrate basket retention zone.
- **Frame:** Heavy duty structural steel frame with oversized shaft, sealed bearings and gear box drive.

- **Features:**
 - Rubber lined tailings launder, removable domed lid and impeller.
 - Central feed pipe, rinse manifold and inspection ports.
 - Fluidization piping including water strainer, pressure reducing valve, rotating union & pressure gauge.
 - PRV, flush and rinse solenoids all wired to machine junction box.
- **Weight:** 584 lbs/265 kg.
- Only 1 unit available.

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