

[Sepro Falcon SB1350 Concentrator](#)

[Inventory ID #1357402]



Sepro Falcon SB1350 Concentrator

- Make: Sepro
- Model: Falcon SB1350
- Year: 2008
- Condition: Used, Reported in Good Condition

- General Model Specifications:
 - Recommended Solid Capacity: 50-150 TPH
 - Max Slurry Capacity: 200m³/hr
 - Concentrating Surface Area: 1.08m²
 - G-Force Range:
 - Upper: 200 G's
 - Lower: 50 G's
 - Motor Power: 18kW (25HP)
 - Process Water Consumption: 12-20m³/hr.
 - Water Supply Pressure: 2-3 bar
 - Recommended Feed Particle Size: 2.0mm
 - Maximum Feed Particle Size: 4.0mm
 - Maximum Feed Percent Solids: 55-70%
 - Concentrate Slurry Flush Volume: 150 Liters

- Concentrate Solids Flush Volume: 12,425cm³
- Dimensions:
 - Length: 1.9m
 - Width: 2.24m
 - Height: 2.07m
 - Weight: 2,900 kg

- Applications:
 - Recovery of Gold, Silver and Platinum Group Metals
 - Recovery of Gold from Cyclone Feed, Underflow or Overflow within the Grinding Circuit
 - Recovery of Gold in Alluvial Gold Operations
 - Recovery of Gold from Aggregate Plants

- Key Advantages:
 - The Variable Frequency Drive (VFD) and a Dynamic Braking System are Used to Greatly Reduce Offline Time for Concentrate Flushing
 - Flat Lid Modular Design Increases Wear Life and Reduces Downtime as well as Maintenance Costs
 - Upgraded Standard Fluidization Control Results in a Higher Degree of Machine Management
 - High G Forces (Highest in the Mineral Processing Industry) Allow for Higher Efficiency and the Recovery of Very Fine Material
 - Reduced Water Consumption as Only the Pertinent Collection Zone Section of the Bowl is Fluidized
 - Greater than 95% Mechanical Availability, Extremely Low Operating Costs

- Location: Australia

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