

Sepro Falcon SB2500 Concentrator [Inventory ID #1487146]



Sepro Falcon SB2500 Concentrator

- Make: Sepro Mineral Systems
- Model: Falcon SB2500
- Type: Centrifugal Gold Concentrator
- Style: Fully Automated
- Year: 2003
- Condition: Used Condition

- General Model Specifications:
 - Recommended Solid Capacity: 100-250 TPH
 - Max Slurry Capacity: 300m³/hr
 - Concentrating Surface Area: 2.14m²
 - G-Force Range:
 - Upper: 200 G's
 - Lower: 50 G's
 - Motor Power: 45kW (60HP)
 - Process Water Consumption: 15-28m³/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: 250 Liters
 - Concentrate Solids Flush Volume: 18,750cm³

- Overall Dimensions: (Approx.)
 - Length: 2.0m
 - Width: 2.67m
 - Height: 2.27m
 - Weight: 4,560 kg
- Key Advantages:
 - 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
- 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
- Location: Australia

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