

Sepro iCON IGR3000 Alluvial Plant +Sepro iCON SGR2000 Gold Room

[Inventory ID #1406039]



Sepro iCON IGR3000 Alluvial Plant +Sepro iCON SGR2000 Gold Room

- Make: Sepro iCON Mineral Systems
- Model: IGR 3000 Alluvial Plant + SGR 2000 Gold Room
- Year: 2021
- Condition: Unused Surplus - Never Used
- Package Consists of:
 - Sepro iCON IGR3000 Alluvial Plant
 - Sepro iCON SGR2000 Gold Room with Shaking Table
 - 200kVA Diesel Generator
 - Conveyor
 - Spare Part Package

- IGR 3000 Alluvial Plant
 - Capacity: 30 Tons Per Hour
 - Power Requirements: 200kVA Generator
 - Water Requirements:
 - Clean Water: 10m³/hr. for Concentrating
 - Process Water: 85m³/hr.
 - (1) Mild Steel Feed Chute With Static Grizzly
 - 75mm Grizzly Openings
 - Spray Nozzles
 - Feed Spout
 - (1) Sepro iCON 1.2m Dia. x 3.0m Long Rotary Scrubber
 - Polyurethane Liners
 - Polyurethane Lifter Bars



- Rubber Ture Drive Assembly
- Gearbox
- (2) 7.5kW (10HP) Drive Motors
- (1) Sepro-Sizetec HDS Double Deck Horizontal Screen
 - Size: 1m x 3m (3.2ft x 10ft)
 - Polyurethane Screen Panels
 - Top Deck: 12mm
 - Bottom Deck: 2mm
 - (2) 3.8kW (5HP) Electric Vibrating Motors
- (2) Sepro SB350 Falcon Concentrators
 - Efficient Capacity: 10 Tons/Hour
 - Max Capacity: 15 Tons/Hour
 - Slurry Capacity (Max): 30m³/Hour (132 U.S. GPM)
 - Slurry Density: 5% to 65% Solids
 - Local VFD Drive
 - 3.7kW (5HP) Electric Motor
 - SB350 Falcon Components mounted in a Custom Steel Frame
- (1) HD80A-C Heavy Duty Slurry Pump
 - 7.5kW (10HP) Electric Motor
- Automation
 - (1) Control Panel complete with Motor Starter and VFDs
 - Wiring, Plugs, and Receptacles for all IGR3000 Equipment (Suitable for 380-460 Volt, 50-60Hz)
- (1) Skid Frame Assembly for Mounting Scrubber and Screen
 - Complete with Water Distribution Manifold for Scrubber and Screen
 - Includes Integral Sluice Box for Coarse Gold Recovery (4ft x 10ft)
 - Screen Oversize Discharge Chute
- Sepro iCON SGR2000 Gold Room
 - Table: Holman Wilfley 2000 Shaking Table
 - Max Solids Throughput: 450kg/hr.
 - Deck Dimensions: 2.1m² Deck Area
 - Concentrate Edge: 887mm
 - Tail Edge: 2,445mm
 - Weight: 95 Kgs
 - Water Supply: Wash Water Requirement of 5-20 liters/min
 - Feed Dilution: ~25-30% w/w Solids
 - Pumps: (1) iPump for Table Tailings + (1) iPump for Table Middlings
 - Discharge: 1in Dia.
 - Solids Capacity: 3 Tons/Hr.
 - Flowrate: 265 Liters/Min
 - Table Feed Decanting Cone
 - 60° Walls
 - Overflow and Internal Safety Screen

- Capacity: 1,200 Liters
 - Water Injection Points for Dilution
 - Manual Knife Gate Isolation Valve
 - Sepro C-25 Table Feed Pump
 - Discharge: 1in Dia.
 - Flow Rate: 21 Liters/Min
 - Vcella TL60 Electric Tilt Furnace - Never Used, Still in Packaging
 - Control Panel with VFDs and Starters
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- 200kVA Diesel Generator
 - Model: DSG43
 - Year: 1995
 - Hours: 161.4 Hours
 - Voltage: 400/220 Volts
 - Current: 289 Amps
 - Frequency: 50Hz
 - Engine: Mercedes MTU
 - Fuel: Diesel
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- Belt Feeder
 - Condition: Recently Refurbished - Belts are in Mint Condition
 - Belt Width:
 - Lower Belt: 75cm
 - Upper Belt: 90cm
 - Belt Length: 13m
 - Capacity: 60 Tons Per Hour (Plant Capable of 30 TPH)
 - Hopper Capacity: 5 Tons
 - Drive Motors:
 - Power Output: (2x) 3kW Each
 - Voltage: 400 Volts
 - Frequency: 50Hz
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- Location: Europe

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