

New Surplus Knelson XD70 Centrifugal Concentrator

[Inventory ID #1503574]



Knelson XD70 Gravity Concentrator

Quantity: 8 Units Available

- Make: FLSmidth Knelson Concentrators
- Model: XD70
- Type: Centrifugal Gold Concentrator
- Style: Gravity Concentrator
- Condition: New Surplus
- Cone: G5 Cone
- Liner: Natural Rubber Linings
- Construction: Mild Steel Painted Outer Bowl and Shaft
- Piping and Instrumentation Assemblies Including:
 - Bowl Motion Proximity Sensor and Speed Transmitter
 - Fluidization Water Flow Monitoring with a Magnetic Flowmeter c/w Transmitter
 - Water Control Valve c/w Actuator and Positioner for Fluidization Water Flow Control
 - Pressure Transmitter for High/Low Bowl Pressure Alarms and Condition Monitoring
 - Plated Steel Filter Assembly
 - Plated Steel Piping Arrangement to incorporate Components
- Drive: 225kW Electric Motor
 - MCC Packages Including:
 - 225kW VFD c/w IP21 Enclosure Dynamic Braking and Communications

■ 3-Phase Braking Resistors c/w IP21 Enclosure c/w Cooling Fans

- General Model Specifications:
 - Solids Feed Capacity: 330-1100 TPH
 - Fluidization Water Required: 68-125m³/hr. (300-550 US GPM)
 - Max Volumetric Throughput: 1360m³/hr. (6,000 US GPM)
 - Active Capture Area: 32,044cm² (4,967in²)
 - Feed Size:
 - Recommended: 1.7mm (10 mesh)
 - Max: 6mm (0.25in)
 - Concentrate Volume: 52 Liters
 - Concentrate Weight: 220-310 Lbs. (100-140 kg)
 - Concentrator Net Weight: 40,600 Lbs. (18,455 kg)
 - Motor Power: 200-500HP (150-375kW)

[See Complete Plant Listing Here to View Additional Available Equipment](#)

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