

[Knelson QS48VG Variable Gravity Concentrator](#)

[Inventory ID #1611917]



Knelson QS48VG Variable Gravity Concentrator

Quantity: (8) Units Available

- Make: FLSmidth Knelson
- Model: QS48VG
- Type: Centrifugal Gold Concentrator
- Style: Gravity Concentrator
- Condition: New Surplus
- Cone: G7 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
 - V-Notch Ball Valve c/w Quarter-Turn Pneumatic Actuator and Pneumatic/Electric Positioner for Fluidization Water Flow Control
 - Pressure Transmitter for High/Low Bowl Pressure Alarms and Condition Monitoring
 - Stainless Steel Spin Clean Filter Assembly
 - Pressure Gauges for Filter and Bowl Pressure Indication
 - Stainless Steel Piping Arrangement to incorporate Components
- Drive: 75kW Electric Motor

- General Model Specifications (QS48):
 - Max Feed Capacity (Solids): 400 Tonnes/hr. (440 TPH)
 - Max Total Volumetric Throughput: 545 m³/hr. (2,400 US GPM)
 - Feed Density (Solids Weight): Up to 75%
 - Feed Top Size:
 - Max: 6.0 mm

- Recommended: 2.0 mm
- Max Fluidization Water Pressure: 550 kPa (80 PSI)
- Target Recovery Particle Size: Coarse, Coarse & Fine, Very Fine
- Motor Size Range: 45-75 kW (60-100HP)

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

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