

SLon 1750 High-Gradient Magnetic Separator

[Inventory ID #1606457]



SLon 1750 High-Gradient Magnetic Separator

- Make: SLon Magnetic Separator Ltd.
- Model: 1750H
- Type: SLon-HGMS (High-Gradient Magnetic Separator)
- Year: 2022/07/28
- Condition: Used Condition - Lightly Operated during Initial Commissioning for a Few Weeks - Remains in Excellent Working Condition
- Description: The SLon 1750 is a high-gradient magnetic separation system designed for the recovery and separation of magnetic and paramagnetic minerals from finely ground ore slurries. Feed material must be milled to a fine particle size and mixed with water to form a slurry prior to processing. Material is introduced into the separation zone, where a 1.5 Tesla magnetic field selectively captures magnetic and weakly paramagnetic particles. The recovered magnetic fraction is discharged from the rear of the unit, while the non-magnetic tailings are discharged through the bottom outlet, allowing for continuous and efficient separation.
- Ore Capacity: 30-50 TPH - Dependent on Particle Size Distribution, Mineralogy, and Slurry Density
- Ring Motor: 4kW

- Ring Speed: 0-3 RPM
- Magnetic Field: 1.5 T
- Energizing Current: 1225 Amps
- Energizing Voltage: 62.5 Volts
- Energizing Power: 78kW
- Pulse Stroke: 0-30mm
- Pulsating Frequency: 0-300 Cycles/Minute
- Pulsating Motor: 4kW
- Water Supply Pressure: 0.4MPa
- Water Consumption: 100-120m³/Hour
- Dimensions: 4138mm x 3790mm x 4185mm
- Net Weight: 45 Tons

- Location: South West USA

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