

[Reading High Tension Roll Separator](#) [Inventory ID #1408094]



Reading High Tension Roll Separator

- Make: Reading
- Type: High Tension Roll Separator
- Condition: Used
- Drum:
 - Width: 8in
 - Diameter: 10¾in Dia.
- Hopper:
 - Length: 12in
 - Width: 8in
 - Depth: 10in
- Drive: Electric Motor
 - Power Output: 0.42kW
 - Voltage: 220/440 Volts
- Discharge Chutes:
 - Adjusted Manually
- Electrical Control Panel
- Mounted on Operating Frame
- Overall Dimensions:
 - Length: 41in
 - Width: 24in
 - Height: 48in

- Description: The High Tension Roll Separator (HTRS) is one of the main electrostatic unit operations employed to separate titanium minerals like ilmenite, rutile and leucoxene which behave as conducting from zircon, sillimanite, garnet and monazite which behave as non-conducting minerals when a high potential difference is applied. Three process inputs, namely roll speed, feed material temperature and roll speed have

been optimized.

- Requires [Glassman High Voltage Converter/Controllers](#) - Sold Separately
- Location: Savona, British Columbia, Canada

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