



Mobile Rotary Screen Thickener System



Includes the following:

- Rotary Screen Thickener unit
- 540 gallon flocculation tank
- Control panel
- Centrifugal sludge feed pump
- Polymer makedown and delivery system
- Thickened sludge pump/processing cavity
- Mixing valve, 6" with poly injection ring
- 6" flow meter
- 6" inlet valve air to open / spring to close
- Shipping to job site
- Training and field service

Specifics:

- Inlet consistency: 0.4% or higher
- Polymer dose: 5 to 15 per dry ton expected
- Outlet consistency: 4% - 8% total solids
(will vary with sludge type)
- Screens: .045" dia. x 42% open area (304SS)
- Feed rate: 150 GPM to 500 GPM – The sludgepump is rated at 125 GPM at 50 PSI, full speed which could limit feed rate with sludge concentration above 1.5%.



**WEEKLY OR
MONTHLY
RENTAL**

Excluded:

- Polymer for mix tank.

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Rebuild-it Services Group, LLC

4188 West Nike Drive

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Rebuild-it Services Group Rental Fleet

FKC Model RST-W775X3600L Rotary Screen Thickener

Trailer information:

- Overall length: 35'- 6" (including goose neck) | 26'-0" (deck only)
- Width: 8'- 4"
- Trailer GVWR: 25,000 lbs.

Power requirements:

- Main panel: 480 VAC, 3 Phase, 60 Hz | 72.7 full load AMPS

Power connection:

- Plug: Bryant BRY460P7W

Piping connections:

- 6" 150# inlet connection
- 6" 150# discharge connection
- 12" 150# filtrate discharge
- 1-1/2" NPT shower water inlet
- Polymer skid inlets



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