

## Andritz 1000mm Sidebar Filter Press System [Inventory ID #1126139]



Andritz 1000mm Sidebar Filter Press System

**Quantity: 4 Units (2x 1000/95, 70 Chamber Units)**

**(2 x 1000/40, 24 Chamber Units)**

- 70 Chamber Units
  - Make: Andritz
  - Model: 1000/95, Mixed Pack Membrane
  - Machine Type: 1000/HP/SR/70/32mm Filter Press
  - (70) 32mm Chambers
  - Type: Closed Filtrate
  - Condition: New, Never Used
  - No. of Stay Boss: 4
  - Serial #'s: 12014, 12015
  - Slurry Type: Silicate
  - Inlet Consistency: 11-15% TSS
  - Cake Density: 75 lb/ft<sup>3</sup>
  - Slurry Temperature: 75°C Max
  - pH: 0
  - Guaranteed Cake Solids: 52%
  - Maximum Cycle Time: 80 Minutes
  
- Size of Press: 1000 High Pressure
- Cake Thickness (Pre-Squeeze): 32 mm
- No. of Chambers: 70
- Filter Area: 1,217 ft<sup>2</sup>
- Capacity 1.56 m<sup>3</sup> / 55ft<sup>3</sup>

- Pack Length: 514.73cm
  - Weight of Empty Press: 15.88 Tonnes
  - Hydraulic Unit: 5 HP
  - Power Supply: 575V, 3-Phase, 60 Hz
  - Plate Material: Polypropylene
  - Slurry Feed Pressure (Max at 75°C.): 65 psi @ 75°C
  - Squeeze Pressure (Max at 75°C.): 141 psi @ 75°C
  - Flooded Weight of Machine: 20.412 Tonnes
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- 24 Chamber Units
    - Make: Andritz
    - Model: 1000/40, Mixed Pack Membrane
    - Machine Type: 1000/HP/SR/24/32mm Filter Press
    - (24) 32mm Chambers
    - Type: Closed Filtrate
    - Serial #'s: 12016, 12017
    - Condition: New, Never Used
    - No. of Stay Boss: 4
    - Slurry Type: Iron Hydroxide
    - Inlet Consistency: 3% TSS
    - Cake Density: 83 lb/ft<sup>3</sup>
    - Slurry Temperature: 65°C Max
    - pH: 13
    - Guaranteed Cake Solids: 52%
    - Maximum Cycle Time: 120 minutes
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- Size of Press: 1000 High Pressure
  - Cake Thickness (Pre-Squeeze): 32mm
  - No. of Chambers: 24
  - Filter Area: 417 ft<sup>2</sup>
  - Capacity: 0.5352m<sup>3</sup> / 19ft<sup>3</sup>
  - Pack Length: 183.92cm
  - Weight of Empty Press: 10.89 Tonnes
  - Hydraulic Unit: 5 HP
  - Power Supply: 575V, 3-Phase, 60 Hz
  - Plate Material: Polypropylene
  - Slurry Feed Pressure (Max at 75°C): 65psi @ 75°C
  - Squeeze Pressure (Max at 75°C.): 141psi @ 75°C
  - Flooded Weight of Machine: 11.74 Tonnes
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- Filter Cloths
    - Composition: Polypropylene

- Weight: 318.76 (grams/m<sup>2</sup>)
  - Caliper: 0.46mm
  - Porosity: 3-5 CFM
  - Thread Count: 107 x 36
  - Warp Yarn: Monofilament Black
  - Filling Yarn: Multifilament
  - Finish: Heat Set & Calendared
  - Style: AFP 101
  - Attachment: Plastic Tie
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- Hydraulic Power Pack
    - Nominal Motor Rating: 5 HP
    - Voltage: 575 Volt
    - Piston Diameter: 254mm
    - Piston Rod Diameter: 127mm
    - Piston Stroke (Maximum): 762mm
    - Tank Volume: 113.57 Liters
    - Pump Conveying Stream, 4500 psi: 18.93 Liters/Minute
    - Pump Conveying Stream, 4500 psi: 8.71 Liters/Minute
    - Motor Speed: 1750 RPM
    - Enclosure: IP55
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- Location: Canada

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