

TRIDENT Rotary Screen Conditioner 1200

The **TRIDENT Rotary Screen Conditioner 1200** is an internally-fed drum screen separator. The design of the RSC 1200 is based on the successful Trident RSC 900 and features significant technology advancements that make it ideal for high volume screening applications. The proven design of the rotary screen ensures excellent solids capture and exceptional wear resistance. The non-corrosive chain drive system delivers consistent turning power to the screen. An improved frame design allows easy access for maintenance. The machine also features an integrated CIP system for automated screen cleaning. Long lasting, dependable components guarantee trouble free operation for many years.



Features

- Chain drive
- UHMW drive sprockets
- 78 size Acetal chain w/ s.s. pins
- 2 HP Electric Motor
- Direct Drive Gearbox
- Internal CIP Spray Bars
- Bypass return chamber
- Full length Internal Spiral Flights
- Inlet and Outlet Guards
- Reinforced Perforated Screen
- Adjustable Influent Feed Tube

Benefits

- Non-slip Maximum Torque
- Reduced Vibration and Noise
- Durable Performance
- Low Power Consumption
- Low Maintenance
- Effective Cleaning
- Ensures Maximum Throughput
- High Capacity Conveyance
- Safety & Positive Containment
- High Capacity Robust Long Life
- Maximizes Separation Performance



Specifications

304 stainless steel construction

Overall dimensions: Length: 160", Width: 60", Height: 87", Weight: 3100 lbs

Power requirements: 230/460/575 volt 3 ϕ or 230 volt single ϕ

The Trident Rotary Screen Conditioner is available with different screen options to suit differing processing needs. The perforated filter screen is 48" in diameter.

Model	Processing Rate	Open Area
3/16" Screen	65 - 2000 gpm	32%
1/16" Screen	15 - 675 gpm	30%



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