

# TRIDENT Roller Press

The **TRIDENT Roller Press** is a liquid-solid separator designed to reduce the moisture content of organic material. The 48" or 72" roller press features a heavy duty screen roller, a Duro 40 roller and two air controlled load cells that allow to regulate the output dry matter. The press is commonly used after a Rotary Screen and can reduce the moisture content to 72-80%. The inlet collection tray and the effluent tank is manufactured from non-corrosive stainless steel. The adjustable discharge scraper is made of durable UHMW plastic. The dewatered manure solids can be discharged onto a conveyor or directly into a storage bay. The sloped effluent tank with its 6" outlet allows for effective discharge of the separated liquid.

The integrated CIP system ensures automated cleaning of the perforated drum. The machine also features Trident's one-way clutch mechanism that allows free-wheeling the drum back to prevent machine downtime potentially caused by larger foreign objects. Long lasting, dependable components guarantee trouble free operation for many years.

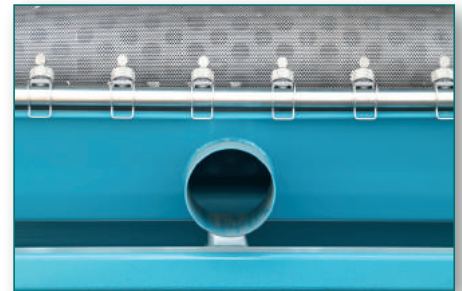


## Features

- 2 HP Electric Motor
- Direct Drive Gearbox
- Dual Air Bag System
- CIP Spray Bars
- Drive Guards
- Sloped Effluent Tank w/ 6" Outlet
- Adjustable UHMW Discharge Scraper
- Remote Grease Fittings
- Heavy Duty Oversized Bearings

## Benefits

- Low Power Consumption
- Low Maintenance
- Increased Dry Matter
- Effective Cleaning
- Safety & Positive Containment
- Effective Liquid Discharge
- Effective Solids Capture
- Safety & Easy Maintenance
- Improved Lifespan



## Specifications

Model	Dry Matter	Motor	Dimensions L x W x H	Weight
TRP 1200 (48")	20-28%	2 HP	41" x 101" x 44"	2,000 lbs
TRP 1800 (72")	20-28%	2 HP	41" x 125" x 44"	2,500 lbs

The technical specifications are estimates. Confirm details with your Trident representative.



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