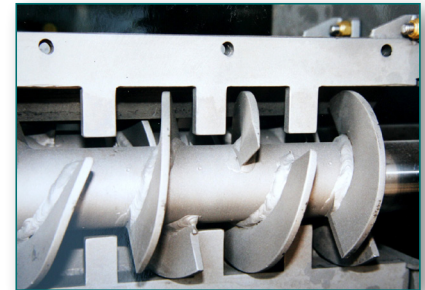


TRIDENT Screw Press

The **TRIDENT Screw Press** is a durable, robust and efficient piece of equipment, purpose built for making bedding material from dairy manure. The press features a screw with interrupted flighting, graduated pitch and resistor teeth. The flighting is notched and a 1/32 inch screw-screen clearance further promotes effective dewatering and low maintenance operation. The screw shaft is supported on both ends ensuring robust and low wear operation. A simple yet effective shaft seal design prevents machine failure from manure liquid entering the gearbox. An air operated outlet door allows automated output control. The produced solids are coarse and fluffy with up to 34% dry matter, providing both cow comfort and excellent drainage characteristics required for use in today's modern dairies. The equipment with its robust construction and corrosion resistant components is designed for long lasting operation, while reducing maintenance and operational costs.



Features

- Advanced screw design
- Interrupted flighting and graduated pitch
- Screw supported on both ends
- Automated air actuated outlet door
- Direct Drive gearbox
- Screw shaft seal

Benefits

- Generates high compressive forces for exceptional dry matter results
- Ensuring reliable operation and reducing the risk of clogging
- Long life operation
- Completely adjustable for effective operation
- Simple, efficient and reliable
- Ensuring reliable performance

Specifications

Overall dimensions:
 Length: 114 1/4" Width: 21 1/2" Height: 28 3/4" Weight: 2,000 lbs
 Power requirements: 10HP 230/460/575 volt 3 Ø

Model	Capacity	Dry Matter
TSP	1,500 – 5,000 lbs/hr	Up to 34%



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