

Continuous Slinger Degasser

The most advanced technology in automatic vacuum degassing

Overview

Safe, economical and offers maximum profitability.

The unique slinger degasser with its high efficiency slinging disc and low maintenance gear pump make it a highly desirable device for manufacturers engaged in casting resin compounds where no voids or gas bubbles can be present in the finished product.

The degasser operates on the principle of continuously exposing a thin moving film of liquid to an adequate vacuum. Heaters bring the material to the processing temperature, thus reducing the viscosity while at the same time aiding in the elimination of gases and/or water by vaporization.

The unit will handle mixtures of resin as well as single resins, including epoxies, polyesters, polyurethanes, polysulfide casting compounds, silicones and PVC plastisols. It will handle most powdered fillers, but it is not recommended for resins containing abrasive or fibrous fillers.

Due to its on demand type of operation, the slinger degasser virtually eliminates the problems associated with the heating, cooling, and reheating of temperature and moisture sensitive resins. "No Batch (Day) Tanks. Go directly from your drum to your process uninterrupted!"



Options

- Heated or unheated tank
- Electric drive motor with variable speed
- 15 CFM vacuum pump
- Digital vacuum control, complete with meter indication and alarm
- Dual discharge valves
- Heated suction and discharge lines
- Can be easily coupled to TPS Batch tanks for extra reservoir capacity
- CE certification

Power Requirements

- 208-240 Vac, 60 Hz, 3 Phase OR
- 380 Vac, 50 Hz, 3 Phase with neutral

Standard Devices

- Precision (Gerotor) pump
- Double action cascading agitator
- Adjustable flow-rate material intake valve
- PLC control module with (LCD) display
- High performance resistance type wall heaters
- Two Sight ports, one with vapor condenser
- Material dip tube complete with quick disconnect coupling, suction tube and drum fastener
- Adjustable vacuum switch and 30" gauge
- Individual PID Digital temperature controllers
- Continuous liquid level probe with LCD Display

