



Bornemann

— An ITT Brand

Bornemann BINEM Drum Unloading System

Created, developed and optimized in close co-operation with food manufacturers, the BINEM drum unloader empties bins, drums and containers with less than 1% product waste. Designed to empty products that are not self-leveling or can't be handled by a drum pump or suction wand, the system is perfect for applications like tomato paste, chocolate spread, cookie filling, peanut butter and meat paste.

Specifications

- Pressure: 25 bar (362 psi)
- Flow rate: up to 12 m³/h (53 gal/min)
- Viscosity: up to 1.000.000 cP
- Medium temperature: 1 - 100°C (34 - 212°F)



Features

- Solution for all drum types: round, square, small, large, with or without liner
- Works with very viscous products, up to 1.000.000 cP
- Can empty 200 – 1000 liters (52 – 264 gallons) round and conical drums
- Equipped with the Bornemann hygienic twin screw pump to process and clean
- Servo-drive technique ensures less pulsation, less noise, and energy saving

Minimal Product waste

The follower plate with inflatable rubber wiper perfectly cleans the sides of the drum. The result is a completely empty drum with less than 1% product waste. This way, you can save a significant amount of product.

The Bornemann hygienic pump is capable of performing the CIP procedure of the whole BINEM system, as well as of the process equipment inline with the pump, at a minimum speed of 1,5 m/s (2.2 miles/hour). The pump is EHEDG certified and high hygienic requirements have been taken into account in each detail of the system design. The follower plate can be quickly and easily dismantled for cleaning. The unique frame is also hygienic, is quicker to clean and remains clean longer. The lifting cylinder is hygienically housed in the guiding system.



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