

#### DISCHARGE PRESS OVERVIEW

Hockmeyer High Viscosity Discharge Presses are engineered to deliver reliable, efficient product extrusion for high-viscosity materials post-mixing. Built with precision controls, robust hydraulic systems, and adaptable mounting options to suit diverse plant floor layouts.

#### DISCHARGE PROCEDURE & OPERATION

1

**Vessel Preparation:** After mixing is complete, cover the product with a plastic sheet. Hold the sheet securely in place by inserting the press O-ring and aligning it along the vessel's inside diameter (ID).

2

**Vessel Alignment:** Integrated guides and vessel stops ensure the vessel is correctly oriented on the frame and precisely aligned with the press plate.

3

**Hydraulic Press-Out:** The beveled edge platen is hydraulically lowered. The O-ring forces against the vessel ID, efficiently pushing product out through the vessel outlet.

#### SYSTEM CONFIGURATIONS

##### LIFT-TO-DISCHARGE PRESS



- **Floor-Level Loading:** The vessel on casters or rails is rolled onto the lift frame at floor level.
- **Pit Accommodation:** Requires a floor pit to house the lower lift frame mechanism.
- **Hydraulic Elevation:** The vessel is hydraulically lifted to a pre-determined discharge height.
- **Positive Locking:** Safety pins are inserted into the main frame to hold the vessel and lift frame solid against press-out force.

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##### PLATFORM PRESS



- **Forklift Loading:** Designed for forklift positioning of the vessel onto the rigid platform frame.
- **No Pit Required:** Surface-mounted design eliminating the need for floor excavation or pit modification.
- **Rigid Frame Support:** Built with a heavy-duty structure to withstand full hydraulic press forces.
- **Manual Locking Pins:** Features manual locking pins that securely hold the vessel and prevent unwanted movement during press-out.

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