



MOBILE BULK BAG DISCHARGE & BULK TRUCK LOADING SYSTEM

DISCHARGE BULK BAGS
ANYWHERE ANYTIME



www.polimak.com

MOBILE BULK BAG DISCHARGE & TRUCK LOADING SYSTEM

Polimak Mobile Bulk Bag Discharge and Bulk Truck Loading System enables **efficient bulk bag discharge and dust-free loading of bulk materials to tanker trucks.**

The system consists of a mobile platform, bulk bag discharger, screw conveyor, loading bellow, and dust collection system.



[Click here to watch the system on action](#)



or Scan QR Code



ADVANTAGES & FEATURES

- ✓ **Simple & Functional:** Designed to be user-friendly, ensuring hassle-free operation and efficient handling of bulk bags and truck loading with local controls.
- ✓ **Anywhere & Anytime:** The mobile chassis is provided with a tow bar, and it can be easily deployed in diverse locations, allowing for flexibility and convenience in material handling operations, regardless of the environment.
- ✓ **Safe & Dust Free:** The built-in dust collection system prevents dust release into the atmosphere and captures it during the operation, hence prevents material loss.
- ✓ **Remote control:** The parts (loading bellow height, screw conveyor working angle etc) can be controlled via cabled controller, control panel or remote controller.
- ✓ **Low-maintenance:** The system can work for a long time without needing maintenance. *Hopper and screw conveyor can be accessed for cleaning and maintenance reasons at all times, hence the covers are protected with safety switches.*
- ✓ **Adjustable:** The loading bellow can be extended and retracted to accommodate the height of the bulk truck as needed.



COMPONENTS & OPTIONS

Screw Conveyor

Enables the transfer of the material from the bulk bag discharge hopper to the loading bellow.

SPECIFICATION	DATA
Construction Materials	- ST37 Carbon Steel - AISI304 Stainless Steel - AISI316 Stainless Steel - Hardox Steel
	- Maintenance covers for easy cleaning and maintenance when needed - The covers are protected with safety switches
	Level switches to control movement of the screw conveyor

Dust Collecting System

Collecting dust from the hopper and the loading bellow created during discharging the big bags.

SPECIFICATION	DATA
	Reverse jet pulse valves for efficient dust collection
	Butterfly valve to control the collected material

Bulk Bag Discharge Hopper

SPECIFICATION	DATA
Construction Materials	- ST37 Carbon Steel - AISI304 Stainless Steel - AISI316 Stainless Steel - Hardox Steel
	- Maintenance covers for easy cleaning and maintenance when needed - The covers are protected with safety switches
OTHER OPTIONS	
	Fluidizing air jets or pads
	Vibration motor
	Cutting knife
	Grid/Screen

Loading Bellow

SPECIFICATION	DATA
	Remote controlling through control panel
	Polyurethane sealing for bulk solids entrance to the bulk truck
OTHER OPTIONS	
	Level sensor

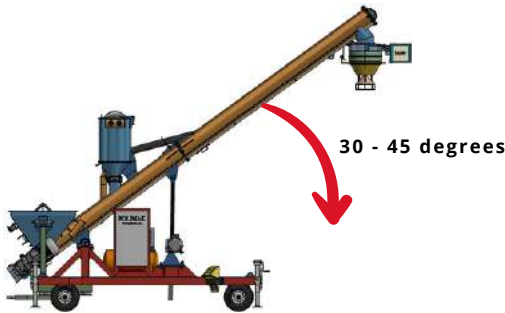
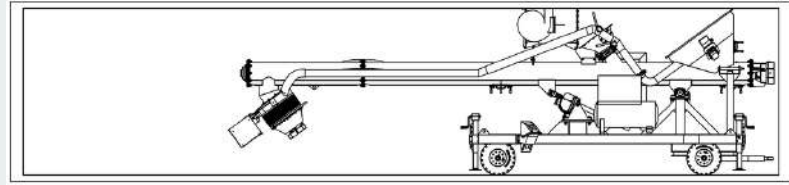
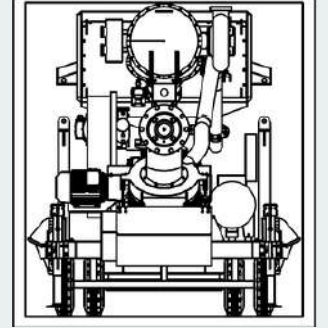
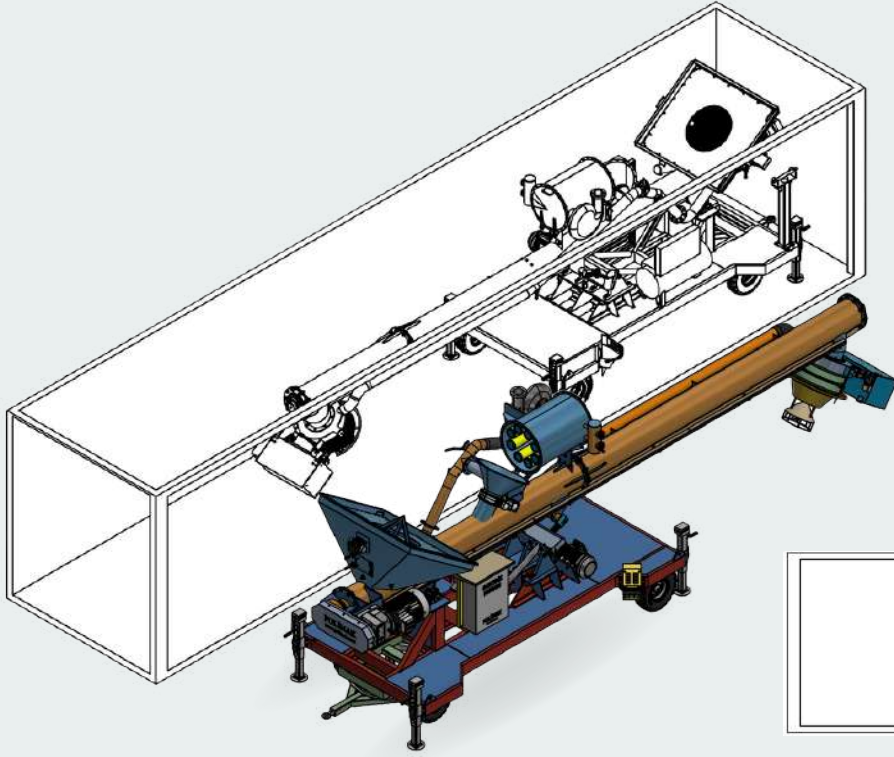
Screw Jack

SPECIFICATION	DATA
	Safe mechanical lifting

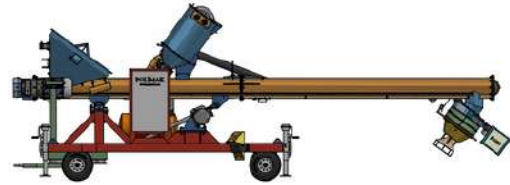
Mobile Chassis

SPECIFICATION	DATA
	Tow bar for easy maneuvering
	Tires for operations on every ground
	Built-in compressor to feed jet pulse filters
	Manual swivel jacks (leveling legs) for fixing the system during operation

CAN BE TRANSPORTED ANYWHERE WITH A CONTAINER



Operating mode



Transportation mode

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