

MOBILE PNEUMATIC CONVEYING SYSTEM

OPTIMIZING BULK
SOLIDS
TRANSLOADING

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MOBILE PNEUMATIC CONVEYOR



The Mobile Pneumatic Material Conveying System is designed for the transfer of free-flowing powders and granular materials. The system utilizes vacuum and pressure conveying principles to ensure efficient and continuous material flow. It features a mobile chassis, dual jet cyclones, an integrated filtration system, and automated controls for precise operation. The machine is suitable for various industrial applications where reliable material handling is required.



Material Transfer Process

1. Material Intake:

- Material is fed through a suction hose, and the blower generates the vacuum for material transfer.

2. Material Separation:

- Material enters the jet cyclone where it is separated from the air stream.
- Filter cartridges and the reverse pulse jet system ensure efficient air and dust separation.

3. Material Discharge:

- Material is transferred to the outlet using pressurized air generated by the blower.

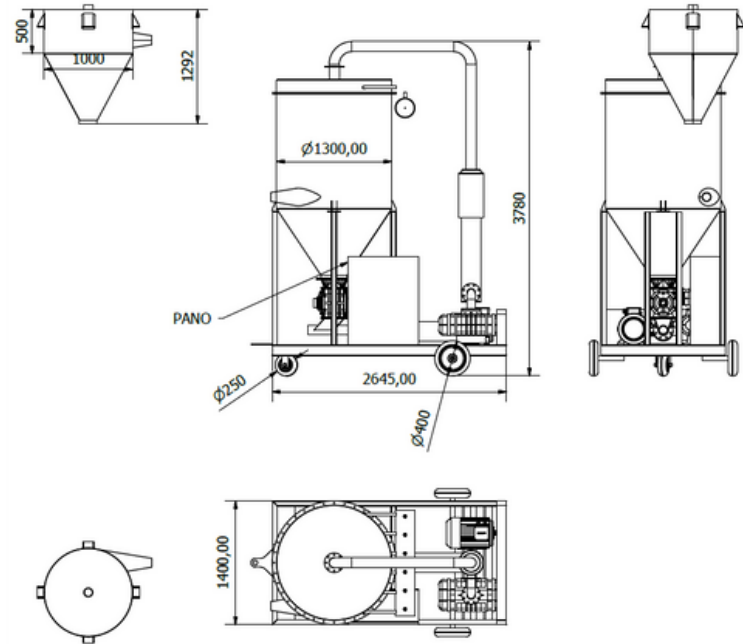
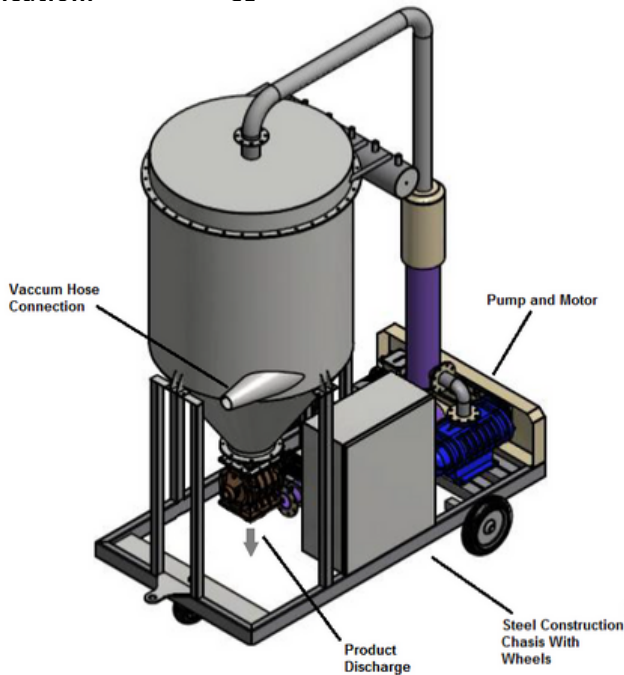
WIDE RANGE OF PRODUCTS:

Fine powders, coarse particles, high and low bulk density materials.

BULK SOLIDS LOGISTICS SOLUTIONS

General Specifications

Handled Material:	Any free-flowing material in powder and granular form
Particle Size:	10 – 8,000 microns
Bulk Density:	50 – 1,800 kg/m ³
Transfer Capacity:	Varies depending on handled material and conveying distance
Hose Diameter:	139 mm
Material Inlet:	By suction hose
Material Outlet:	Material transported by pressure conveying hose
Power Supply:	380V, 50Hz, 3 Phase (other options are available upon request)
Installed Power:	30 - 75 kW
Process Air Pressure:	4 – 6 bar
Operating Temp.:	0°C – 40°C
Explosive Atmosphere:	Not applicable
Certification:	CE



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