



Ariatech Company Limited

POWDER HANDLING EQUIPMENT AND SERVICE

Aria Tech



Introduction

Our
partners

Our
products

Engineering
services

References



Our partners from Europe



MIX S.r.l.
MIXING SYSTEMS AND
COMPONENTS FOR PLANTS





Our partners from US

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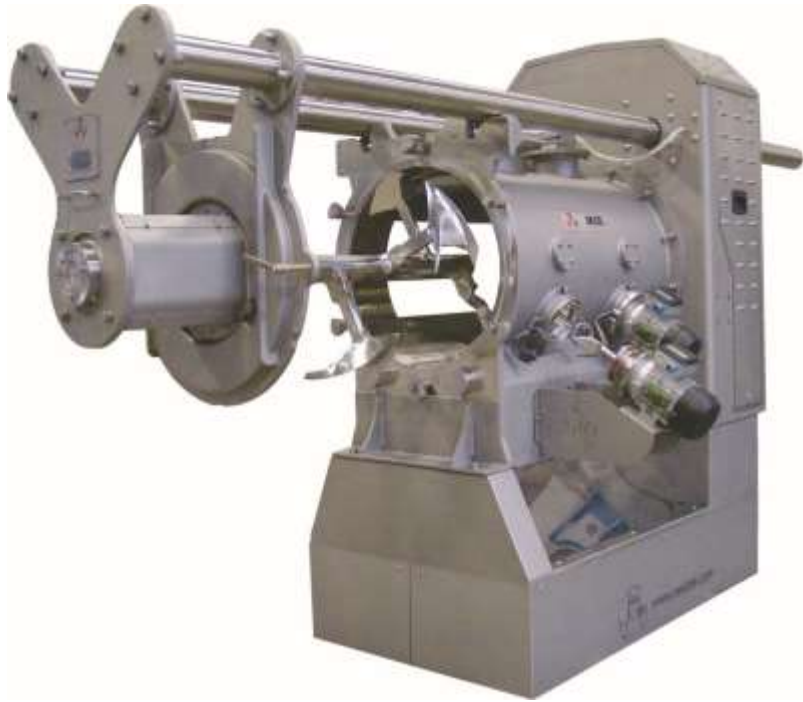


MIX S.r.l.

MIXING SYSTEMS AND
COMPONENTS FOR PLANTS

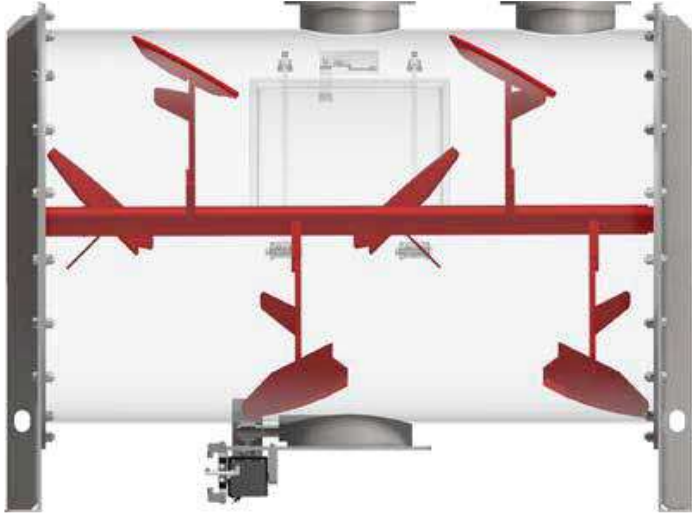
Mixing or bulk blending solution

Certified Industrial Mixer



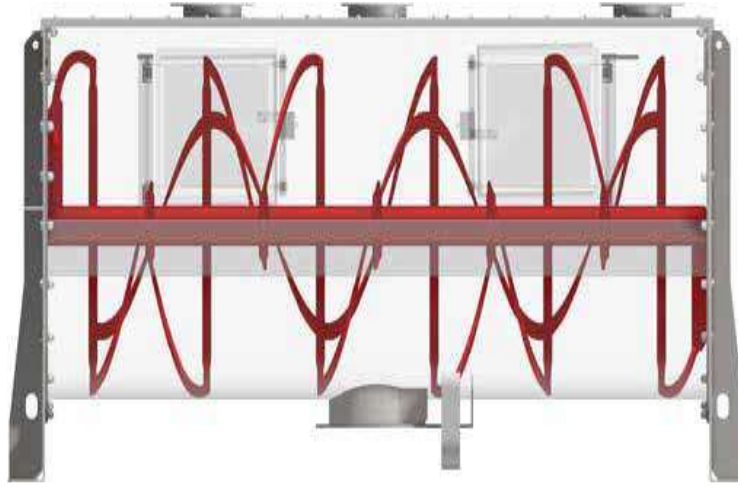
MIX S.r.l.
MIXING SYSTEMS AND
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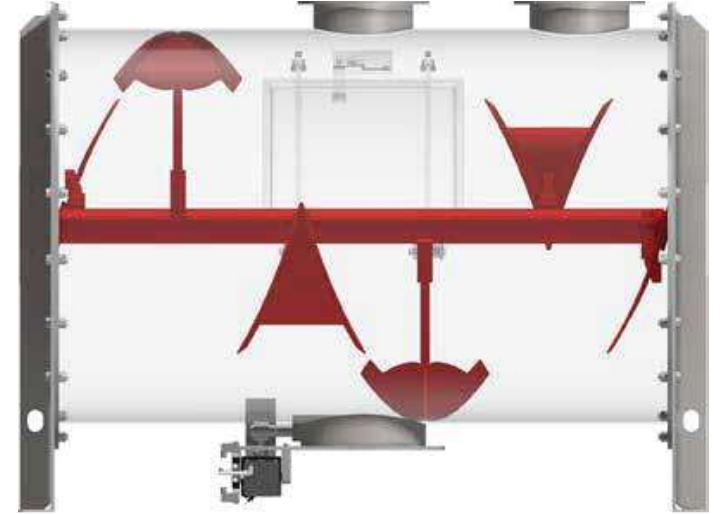
Mix Paddle

- Longer mixing time
- Suitable for sticky product.



Screw (Ribbon)

- Non-intensive, gentle mixing
- Avoid lump



Ploughshare

- High speed
- Short mixing time

Mixing options

Mixer Features



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Mixer With Fully Extractable Rotor Shaft

- The rotor-shaft can be cleansed out of the mixing chamber
- Extraction of the rotor-shaft is controlled by hands, above self-supporting runners
- Closing system with safety blocks
- Accurate finishing



Inspection Hatch

- Clamp fixing for fast assembly / disassembly
- Compact and lightweight for easy handling
- Easy sanification
- Suitable for food processes (with anti-settling solution)



Round Discharge Door With Cylinder

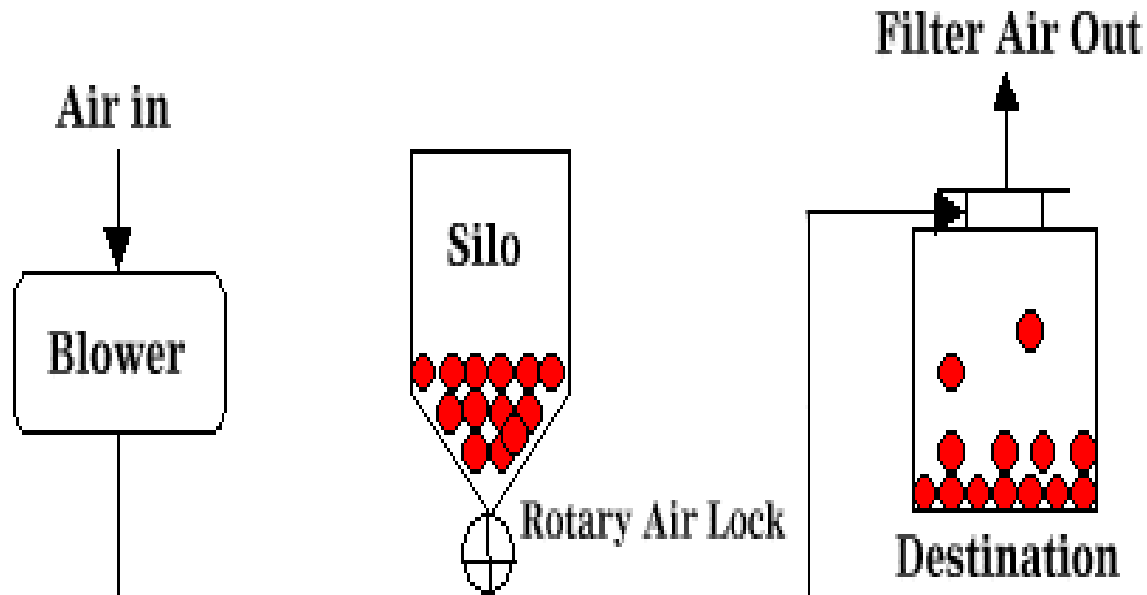
- Self-cleaning system with lip seal
- Perfect reconstruction of the circularity of the mixing chamber
- Minimum residue after discharge



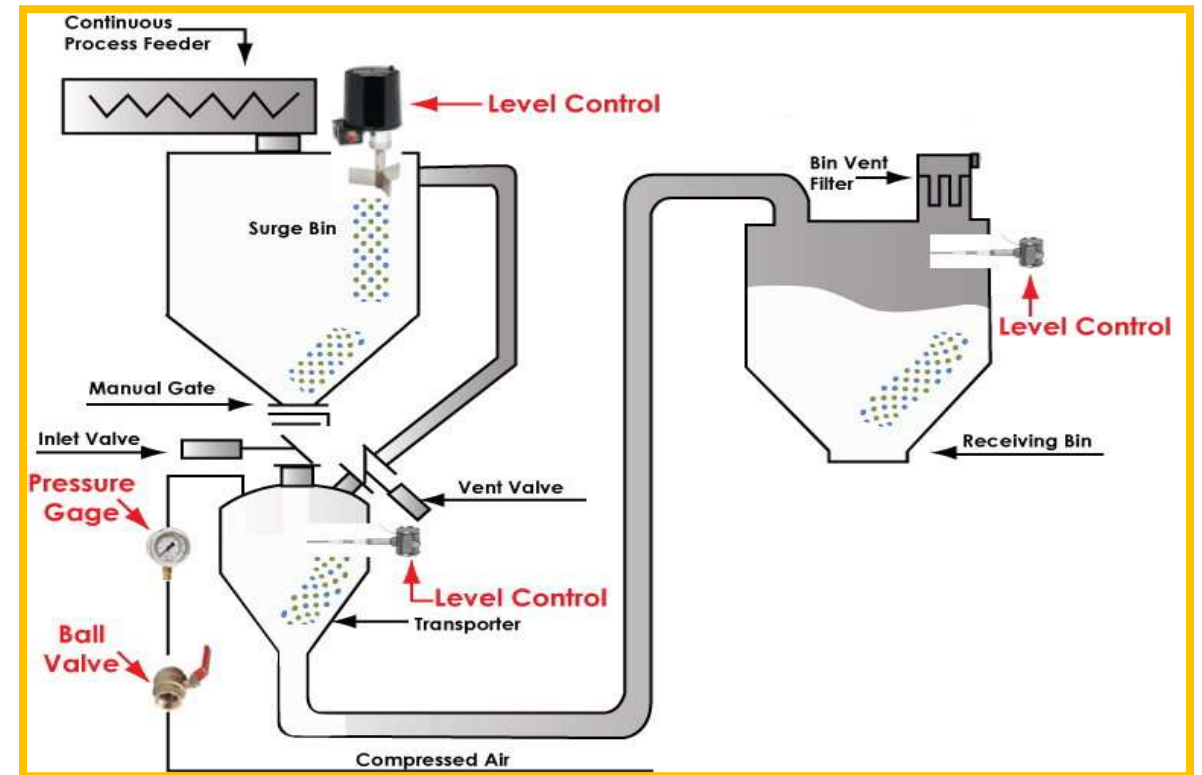
Pneumatic conveying
solution



Pneumatic Conveying

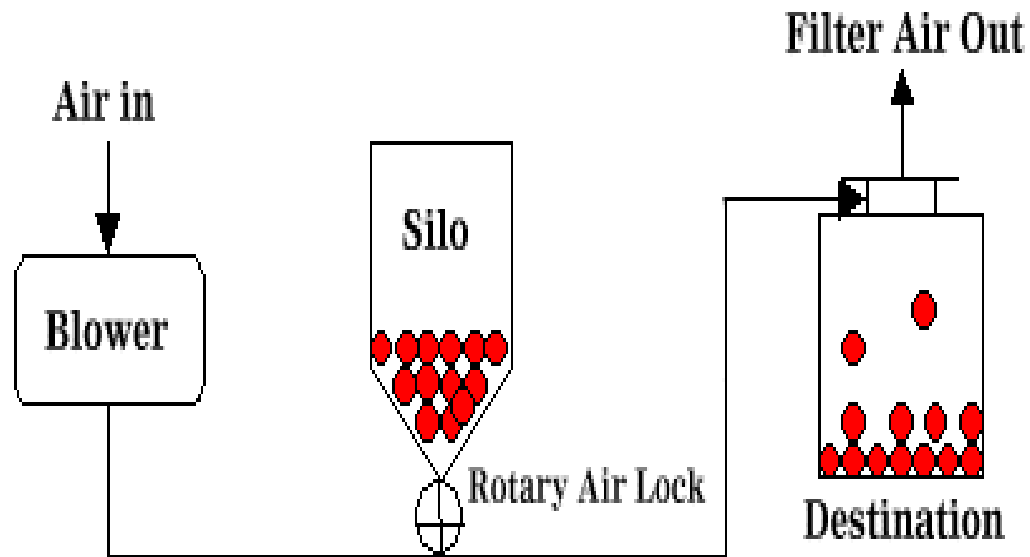


Dilute phase conveying



Dense phase

Dilute Vs Dense Phase Pneumatic Conveying



Dilute Phase Pressure Operation

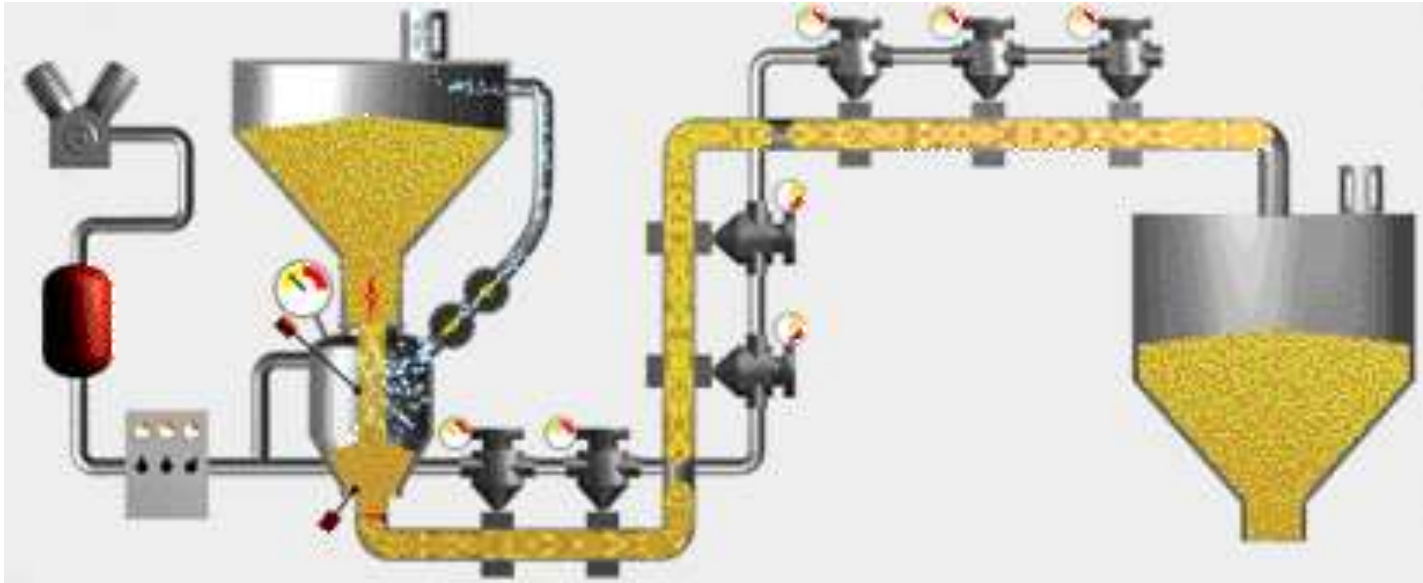




Conventional Dense Phase Pneumatic Conveying



Full-Pipeline Dense Phase Pneumatic Conveying



Dense Phase Pneumatic Conveying





Pneumatic conveying
solution





Pneumatic Vacuum Conveying



This product is suitable for bulk material conveying at the following condition:

Distance: 5 - 20 m

Conveying Capacity: 250 - 1500 kg/hr

Requirement: compressed air @ 6 bar (no electricity)

Special Features

- Easy disassemble, maintenance and clean.
- Small footprint and easily installed.
- Certified by FDA for food and pharmaceutical application.

Vacuum Conveying at work



How to maintenance



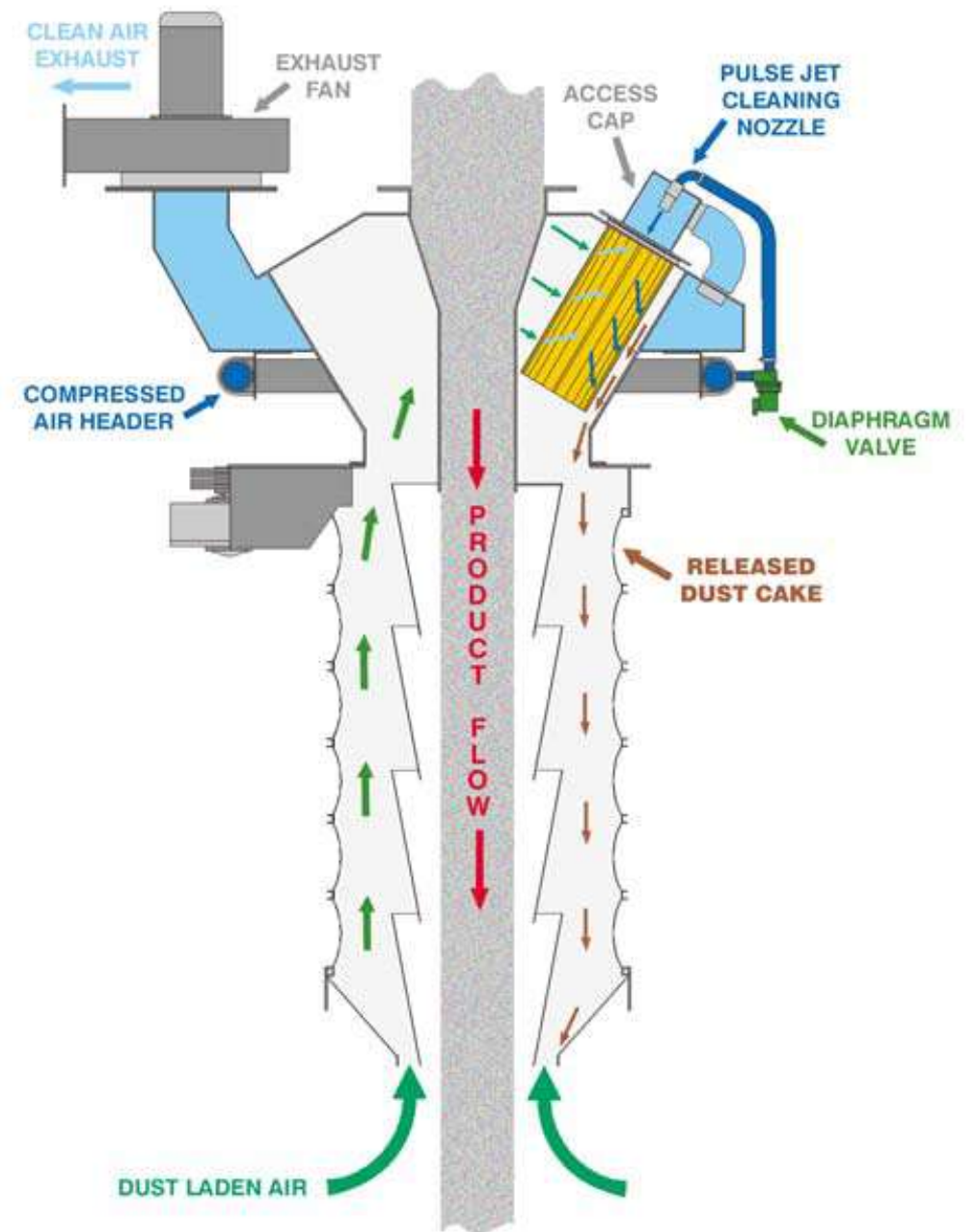
Silo Discharging Solutions



Loading Spout



Loading Spout's Mechanism



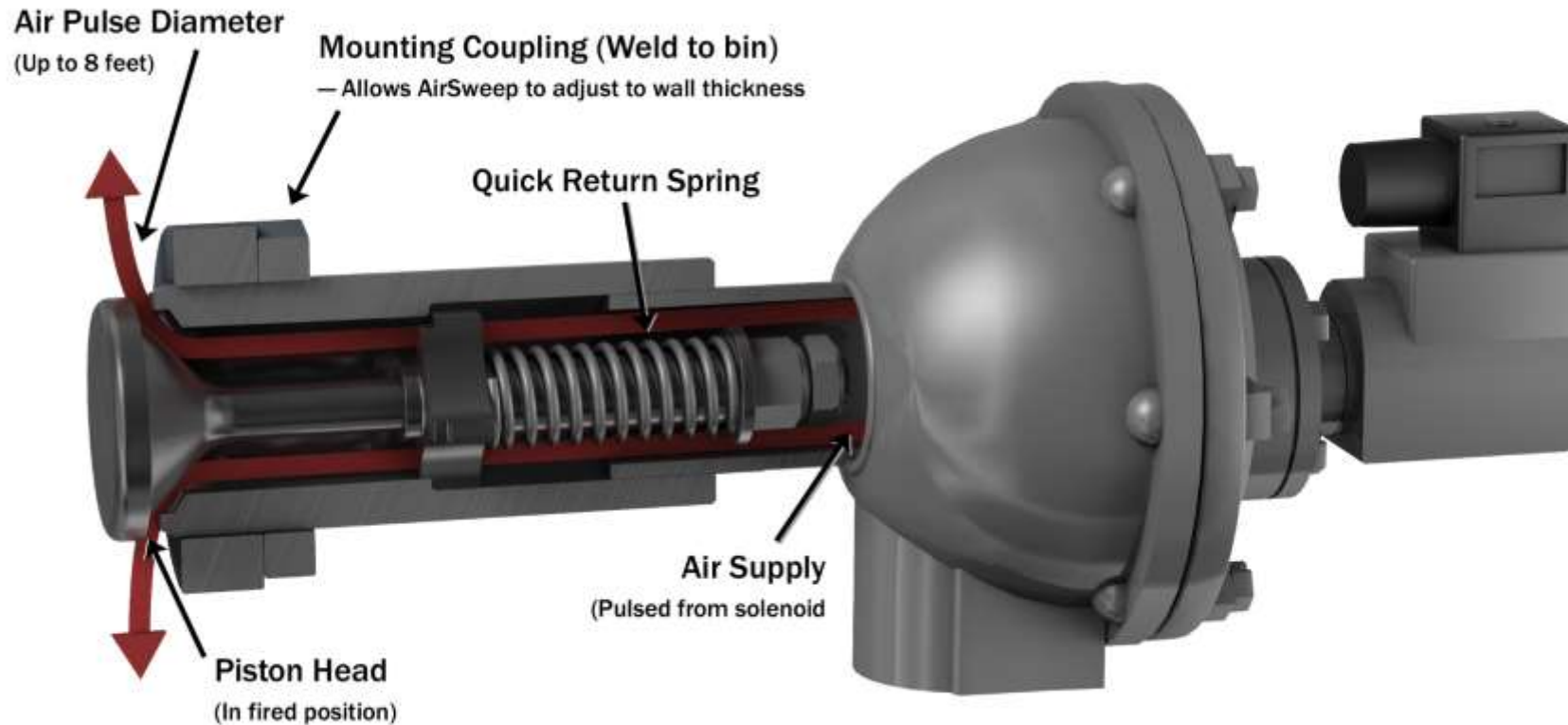


Loading Spout

Silo Discharging Solutions



Airsweep for silo discharge



Airsweep for silo discharge

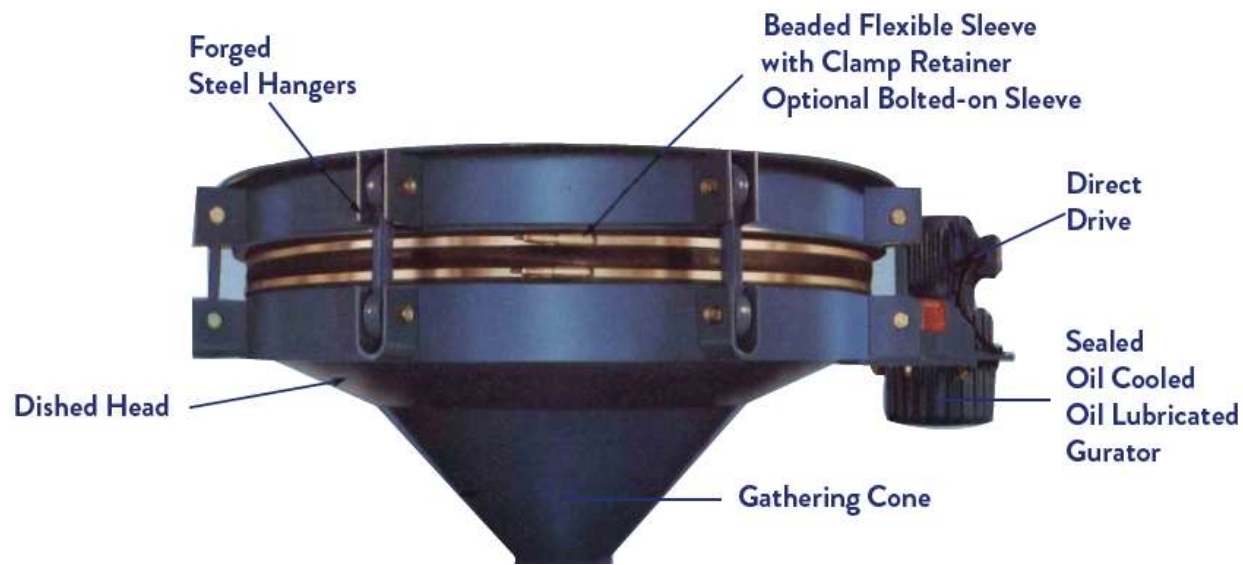


Normal fluidizer vs Airsweep



Silo Discharging Solutions





Vibratory Tube Conveyor

Vibration for discharging and accurate dosing



VIBRA SCREW INC.
The most trusted name in dry
solids processing.



VIBRA SCREW INC.
The most trusted name in dry
solids processing.

Vibrating feeder for accurate dosing

Silo Discharging Solutions





Flat bottom silo discharge

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System design and integration



DUST COLLECTORS



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CONICAL MIXER



AIR-TEC

SYSTEM

DENSE PHASE TRANSPORTER



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DUST COLLECTOR



AIR-TEC
SYSTEM

BOOSTER



TRANSPORTER VESSEL



SPECIAL CURVE



LOADING SPOUT



Dust Control and Loading Systems Inc

AIR-TEC

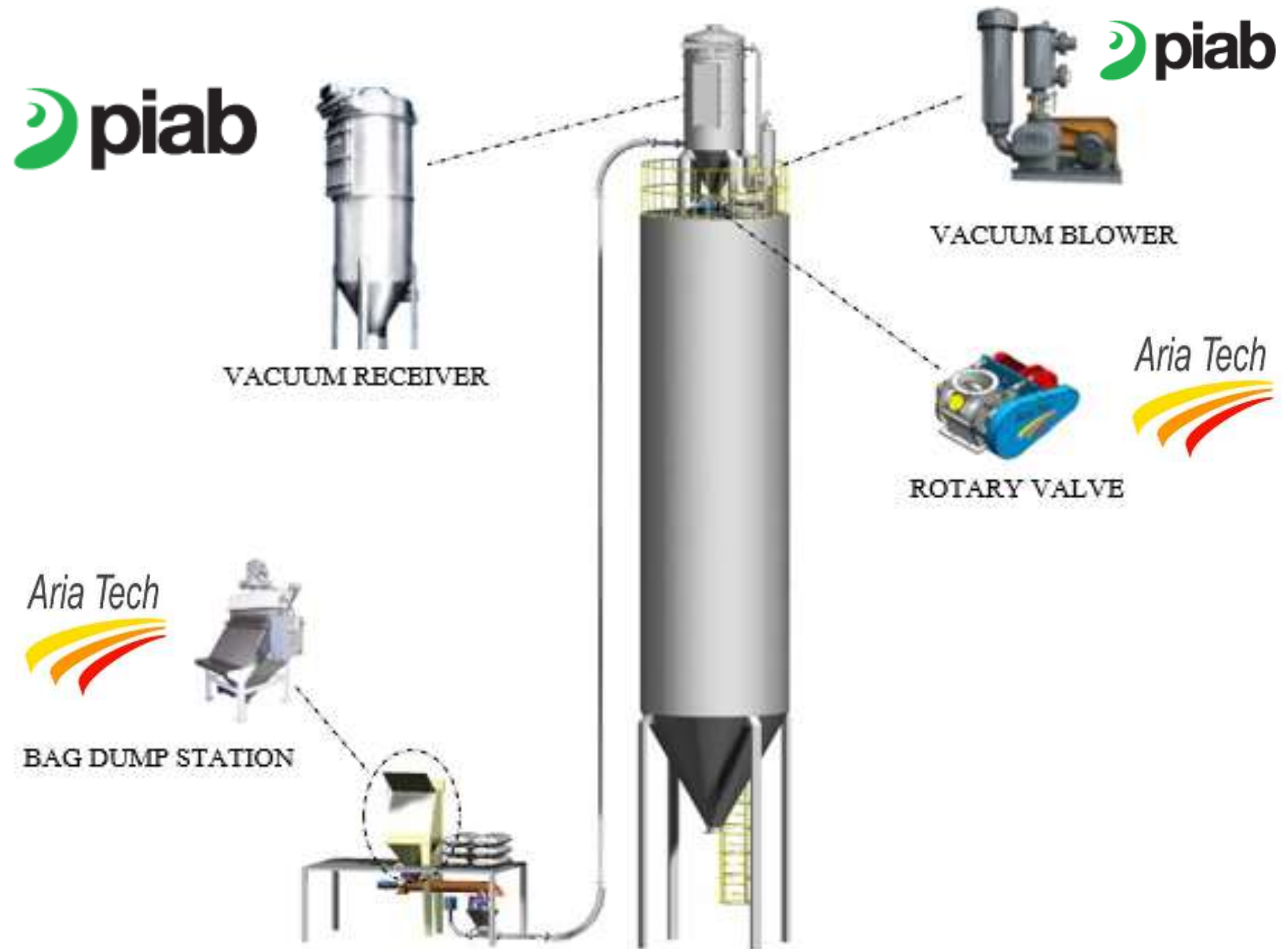
SYSTEM

Fly ash handling
system

Aria Tech



Vacuum conveying
system for Plastic chip



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Loading spout for fly ash, Rayong



Metering and bulk blending of fertilizer, Ayutthaya



Vacuum conveying of yeast powder, Nakhon Pathom



Dense phase conveying of CaCO_3
and PVC powder, Rayong