



POWDERS, HANDLED.

# SILO/HOPPER DISCHARGER VALVES

COMPLETE MATERIAL CONTROL.

Achieve reliable, consistent flow  
of powders from silos and day-bins  
with Cone Valve technology.

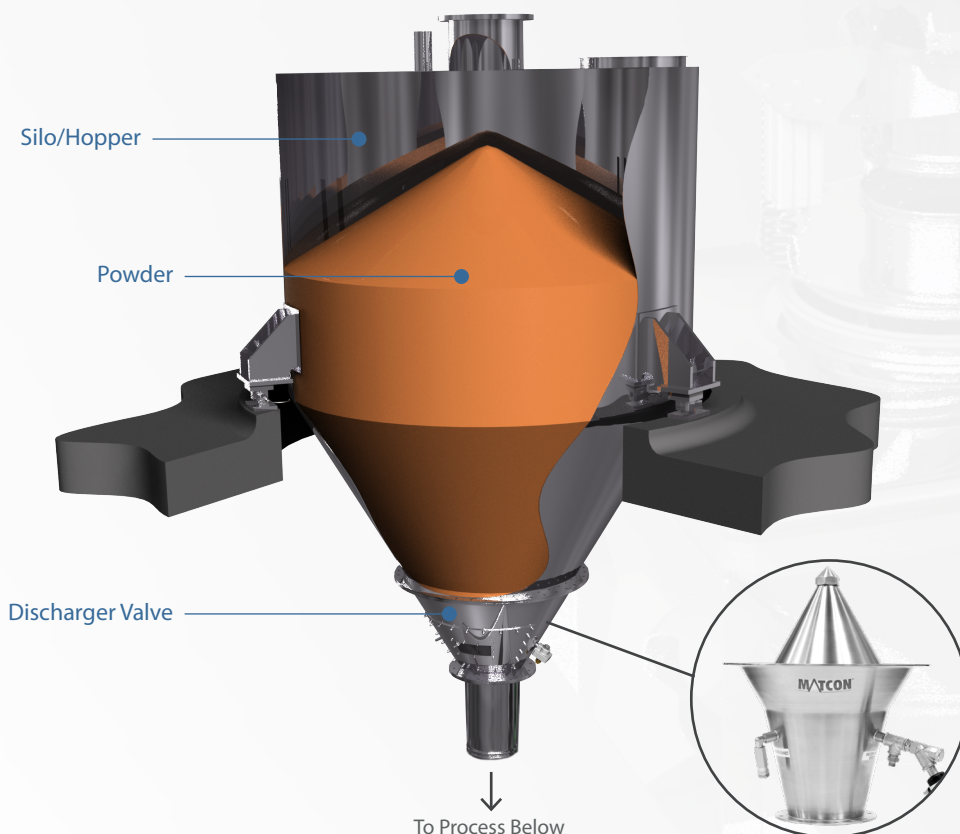


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## Silo / Hopper Discharger Valves

Discharger Valves are designed to be fitted to Silos and Hoppers to equip them with Cone Valve technology.

The Discharger Valve acts as both a flow aid, metering device and shut-off valve in one, meaning that the feeding of dry bulk powders to a downstream process is consistent and reliable. In addition, maintenance in situ is possible without full emptying of the silo.



### KEY BENEFITS

Control of flow - stimulate & shut off flow with one valve

Prevent segregation & other powder flow issues

Complete discharge

Metering & dosing, no secondary feeders

Fail safe shut off of material flow

Round, square or rectangular configurations to fit new or existing containers or silos

Easy access & simple to maintain

Discharger Valves promote controlled discharge of even the most challenging materials, from free-flowing to cohesive powders.



As the Cone Valve lifts it creates an annular gap through which the powder flows freely under gravity.

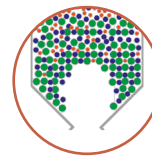
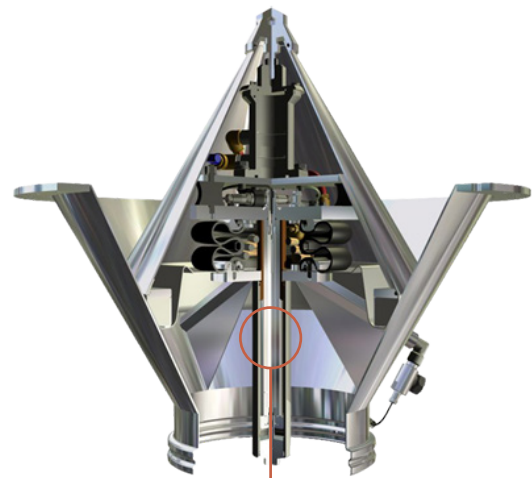
This mass-flow ensures that material is pulled from all parts of the vessel, preventing rat-holing & segregation.

The lift height is adjustable which allows metered doses to be discharged.

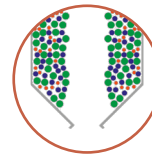
The integral cone vibration breaks any naturally occurring bridges in the Silo.

At any time during the process the valve may be closed to shut off the flow.

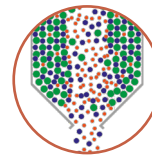
A variety of sizes are available from 500mm to 2.5m in diameter.



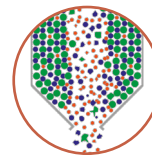
BRIDGING



RAT-HOLING



SEGREGATION



DEGRADATION

AVOID THESE  
POWDER HANDLING ISSUES

#### INDUSTRY APPLICATIONS



Chemical



Agricultural



Pharmaceutical



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POWDERS, HANDLED.

We specialise in providing complete materials handling solutions in the Food, Nutrition, Pharmaceutical and Chemical sectors.

We're not just an IBC provider, but a true partner helping you accomplish the right system for your needs.



THE POWDER HANDLING EXPERTS

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