

The logo for MATCON, featuring the word "MATCON" in a bold, sans-serif font with a registered trademark symbol. The letters "M" and "A" are connected, and the "T" is stylized with a vertical line through it. The logo is set against a dark blue background with a subtle pattern of overlapping, semi-transparent cone shapes.

**MATCON**<sup>®</sup>

POWDERS, HANDLED.

# IBC CONE VALVE TECHNOLOGY

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YOUR POWDER HANDLING PROBLEMS.  
SOLVED.

Avoid typical powder flow problems  
through automatic and controlled  
discharge of virtually any powder type.

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[www.matconibc.com](http://www.matconibc.com)

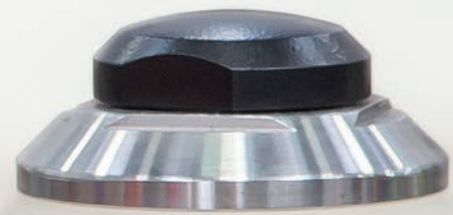


POWDERS, HANDLED.

# The Original Cone Valve IBC Manufacturers

Invented, patented and developed by us.  
Appreciated by our customers.

A superb discharge device, the Cone Valve overcomes all the typical powder flow problems of bridging, blockages, segregation, flushing and core-flow. It offers automatic and controlled discharge of virtually any powder type, winning where other systems have failed.



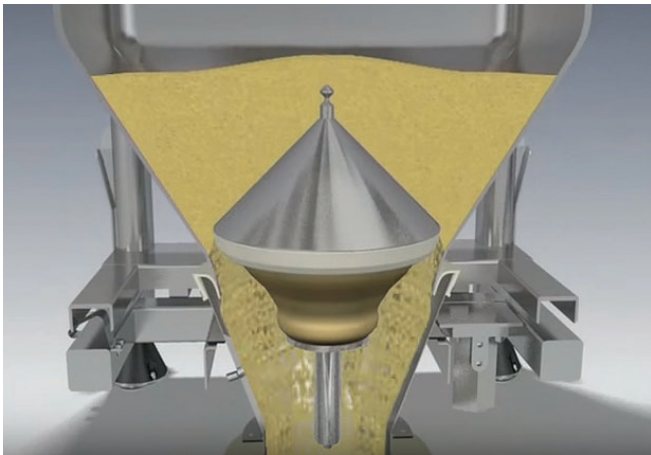
INTRODUCING MATCON  
CONE VALVE TECHNOLOGY



## THE CONE VALVE ADVANTAGE

- Guaranteed powder flow
- Control of flow
- Prevent segregation
- Automated discharging procedure
- Complete discharge
- Dust-free handling
- Easy-clean, hygienic design
- Direct dosing, no secondary feeders

The Cone Valve is at the heart of the Matcon technology. It can be configured with variable lift heights or levels of vibration to overcome all powder handling issues.



Whatever the material, Cone Valve Technology achieves and maintains a vital homogeneous blend.

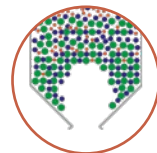
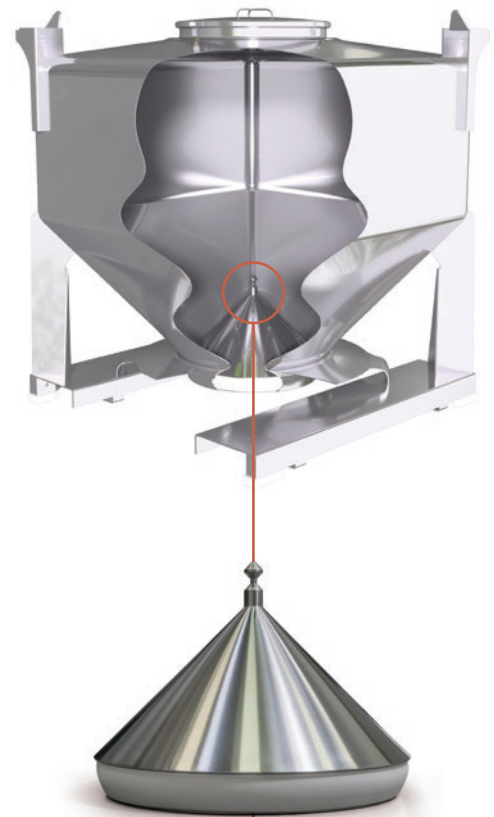
**Cohesive materials** can be stimulated to flow, where other systems have failed, by the integral cone vibration.

**Free-flowing powders** can be controlled without the need for additional feeders, even to a specified weight, by use of the variable lift height of the Cone Valve.

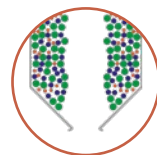
**Blended material** can be fed to the downstream process with minimised risk of segregation, as the Cone Valve promotes mass-flow of the powder.

**Fragile products** such as flakes, candy or gum are gently handled. Should it be required, flow can be shut off during discharge without any damage, as the Cone Valve moves with the flow of material.

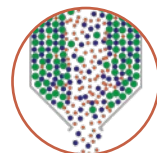
**Dust-free handling** is achieved through the combination of an outer 'lip-seal' on the discharge station and an 'alpha-beta' coupling to the Cone Valve keeping the system closed at all times.



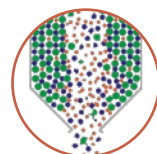
BRIDGING



RAT-HOLING



SEGREGATION



DEGRADATION

AVOID THESE  
POWDER HANDLING ISSUES

# MATCON®

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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