



DOSICON IBC-Discharge-Station

from Jet Solutions, an ILC Dover Company

Solution Application & Limitations

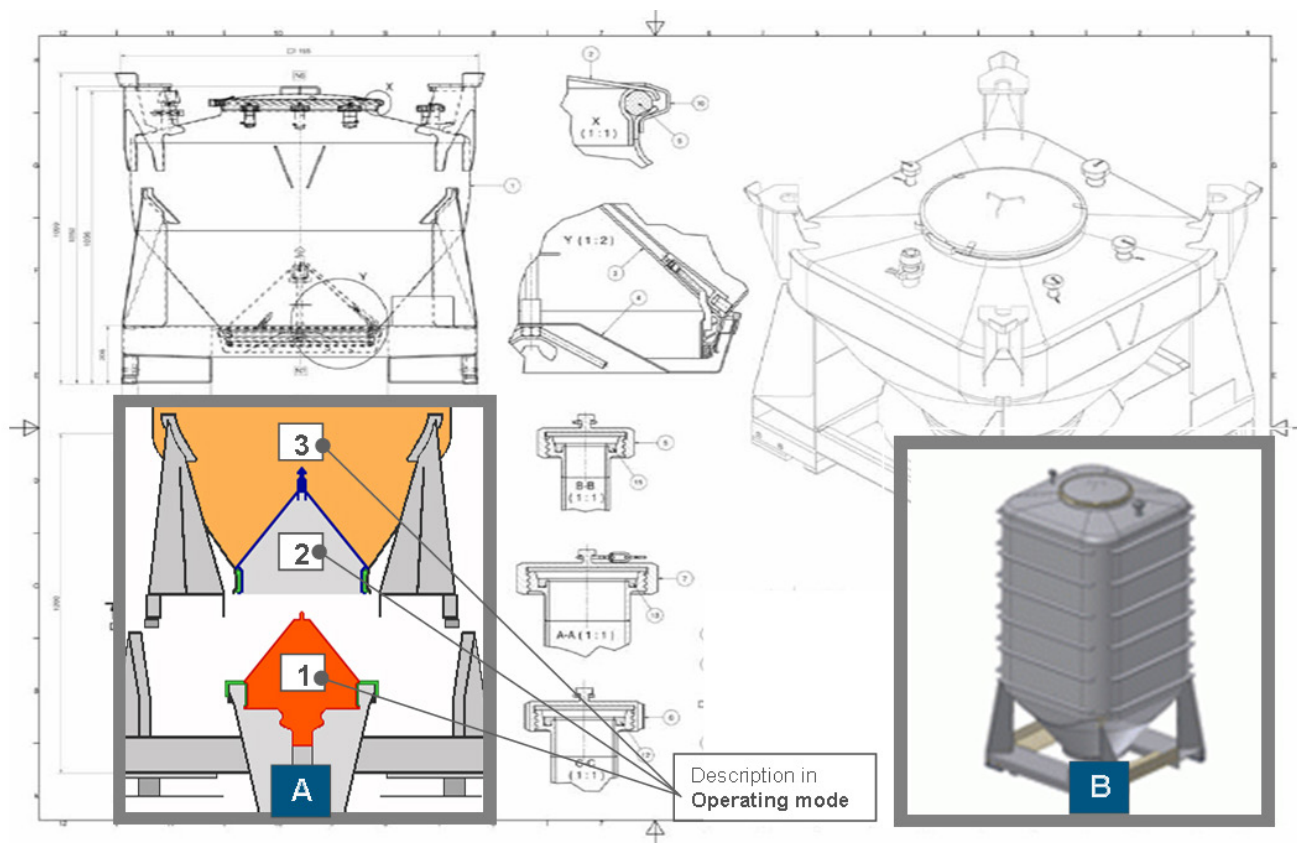
The tried and proven DOSICON IBC Discharge Station is an all-purpose IBC (Intermediate Bulk Container) system for bulk goods with good to poor flow properties. It has outstanding features in terms of reliability, automation, flexibility, and hygiene.

The modular system consists of the IBCDOSICON-Container and the discharge station. The DOSICON-Containers are used to transport, store, and mix bulk goods, and also as loading and receiving containers for formulation preparation, mixing, granulating, tablet making, etc.

Production processes can be loaded without residues and dust by weighing cells or a weighing terminal with variable output controlled by an SPS or a PC.

DOSICON Applications:

- Dustless container emptying
- Mixer and reactor loading
- Discharge of solids with poor flow properties
- Emptying without demixing



A - Docking Device

B - Container Sizes (500–2500l)

Operating Mode

The DOSICON IBC Discharge Station is used in semi- or fully automatic loading processes.

The Process Steps are:

- Lowering and docking the container
- Product discharge
- Disconnection of the container

The discharge station consists of a base frame with centering corners and a pneumatically-controlled discharge cone [1]. The pneumatic lift mechanism of the emptying station raises the SEALING CONE of the container [2] opening an annular gap through which the POWDER [3] can flow. The height can be adjusted to suit the flow properties of the product.

DOSICON Container:

Stainless steel or PE construction with self-sealing cone valve functioning as both a discharge and shut-off mechanism; (continuously closed system).

Optional:

CTS docking device.

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