

IBC FILLING UNIT

General:

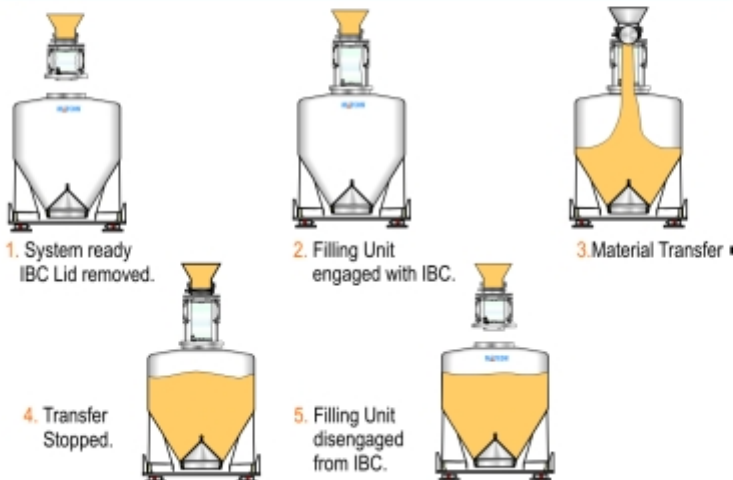
The IBC Filling Unit is part of the unique Matcontainer range of equipment designed to enable dust-tight filling of Matcon's Intermediate Bulk Containers (IBCs).

Filling:

The system has a slave lid which is automatically lowered by two pneumatic cylinders to engage with an IBC inlet. There is a clear flexible connection chute and an earthing strap between this slave lid and an upper flange, which is bolted to the process above. This slave lid has an inflatable seal which expands outwards to seal the lid tightly in the IBC inlet and prevent any dust escape during filling. The unit comes with a simple control panel.

Venting:

The lid incorporates a vent, which prevents over-pressurising the system and the risk of damaging flexible connections and loss of containment. This vent can be supplied with a breathable filter sock or open for connection to a house dust extraction system, depending on the application.



Weighing:

If the receiving IBC is being weighed the vent is left open and connected (with an air-break) to a house dust extraction system. Furthermore the linkages at the bottom of the pneumatic cylinders disengage from the lid itself to allow it to sit freely on the IBC inlet – imposing minimal interference to the weigh platform.

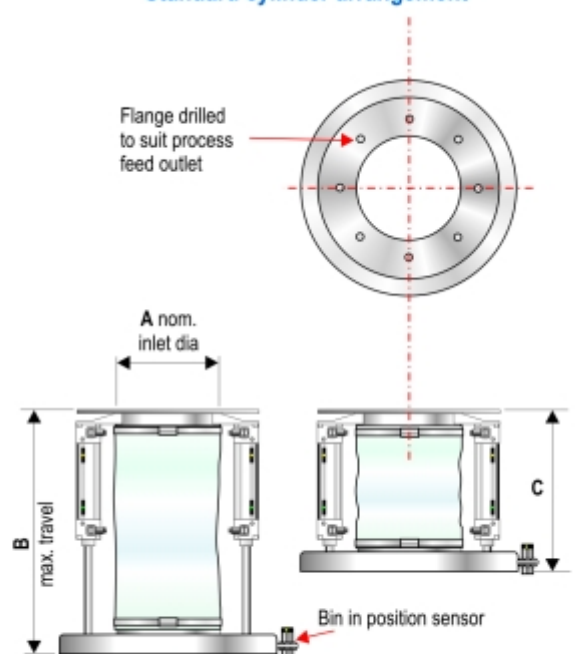
Options:

As standard the IBC Filling Unit is manufactured in 316L stainless steel with seals and covers manufactured from FDA accepted materials. The following options are available.

- Low profile design (top mounted cylinders).
- Vibrator.
- IBC filled sensor.

** Where high containment levels are required please refer to Matcon's IBC Containment Transfer System (CTS) data sheet **

Standard cylinder arrangement



| Dimension | A | B | C |
|-----------|-----|-----|------|
| mm | 250 | 795 | 495 |
| inches | 10 | 31 | 19.5 |

This information and data is provided for illustrative purposes only and does not form part of any contract or agreement. The information and data may be updated and changed from time to time.