

Transferring Transbatch System



- High containment vacuum and pressure transfer system
- Safe, oxygen-free transfer of powders, scales, balls, chips and large-size particles
- Significant transfer speed for high capacity transfers over long distances
- Hygienic and sterile units (CIP/SIP)
- cGMP/ATEX conform
- Optimizes processes
- Handles difficult powders under critical conditions (transfer height and length)
- No capacity loss over time
- Significant decrease of explosion potential



Easy
Cleaning



No
Gravity



Explosion
Proof



Contamination
Free



Unique technologies powered
by advanced engineering

DecTrue
end-to-end®

Transferring Transbatch System



The patented Transbatch system is a modern technology to safely convey and dose powders and other solids under critical conditions in terms of both transfer length and height. Its tubular membrane offers an important filtration surface allowing the transfer of particularly difficult products and compounds such as sodium hydroxide (NaOH), potassium hydroxide (KOH), tungsten trioxide (WO₃), waxes, anhydrites, etc.

Scope of application

- Chemicals (color pigments, plastics, polymers, etc.)
- Pharmaceuticals
- Food

Design

- AISI type 316L stainless steel, electropolished
- 3 or 6 bars design pressure
- DIN or ANSI flanges

Features

- Empties or fills various process equipment (including reactors, dryers, hoppers and centrifuges)
- Transfers difficult products (large sized particles, scales, balls, flakes, etc.)
- Safe transfer of toxic < 1µg/m³ or dust explosive powders < 1mJ
- Charges directly into closed vessels under vacuum or pressure
- Removes oxygen before entering into the process
- Charges in the presence of solvents
- No product retention
- No particle damages
- High flexibility
- Easy to clean
- cGMP / ATEX compliant design

The Transbatch can be customized to specific needs with respect to size and materials.

Options

- Various materials (HC22, internal coating, plastic, etc.)
- CIP/SIP
- Hygienic, sterile unit
- Explosion proof design 10 bars
- Specific valves
- Metallic membrane

Transbatch Feeder

Dosing by vibrating tube at the outlet of the Transbatch for charging bags, drums etc.

Dimensions

THB	80	125	200	300
Conveying capacity (l / h) dependent on the powder characteristic				
I/h	15-500	20-800	50-2000	80-3500
D1 (mm)	80	125	200	300
D2 (mm)	114	168	256	356
H (mm)	521	762	842	986

