

# Sack Tipping and Feeding Stations

Controlling Dust, Managing Product, Easing Operation



- Gericke sack tipping and feeding stations are ergonomically designed to provide safe handling for all types of sacks and boxes whilst controlling and reducing dust emissions.
- The operator places the sack onto a rest platform, which is enclosed within an extracted cabinet. The bag is cut open and the contents tipped into a surge hopper or directly into process machinery. The laminar flow within the station provided by an extract fan ensures that the dust laden air is carried away from the operator and back into the enclosure.
- The air is filtered through porous cartridge elements, which are cleaned by an automatic compressed air, reverse jet arrangement operated only when the main door is closed after making contact with a position switch. This feature provides additional protection for the operator from exposure to dust clouds.
- The main door is hinged at the top and securely supported by telescopic gas springs. Access to rotating downstream machinery is prevented by a safety mesh.
- Gericke sack tipping stations are available in a number of standard configurations with customised designs available on request.

**Gericke**

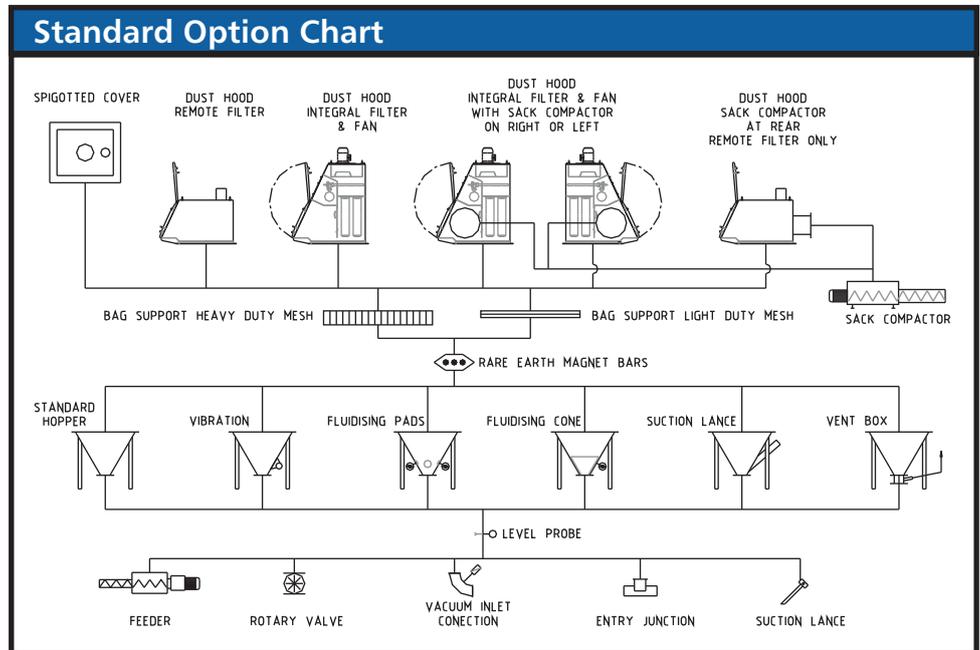
Powder Processing Equipment & Systems

# Flexible Modular Design

Options to satisfy YOUR production requirements

## Standard Features

- Construction available in:
  - Carbon Steel
  - 304 Stainless Steel
  - 316 Stainless Steel
- Finishes:
  - Carbon Steel
  - Powder Coated
  - Stainless Steel
- Beadplast inside and out
- Extract fan:
  - 1.1Kw, 3Phase, 50Hz, IP65
- Air flow across sack tip point: 1metre/second
- Filter: 8m<sup>2</sup> cartridge type
- Filter Cleaning:
  - Reverse jet operated by sequential controller
- Factory compressed air supply:
  - 5 M<sup>3</sup> hour @ 5.5barg
- Integral safety mesh
- Removable laminar flow panel
- Hygienic folded/open support legs
- Hygienic top hinged door supported in open position by gas springs
- Door position switch interlocked with fan & reverse jet filter
- Integral bag rest platform inside extracted enclosure
- Integral flange for bolting surge hopper & mounting options



## Options

- Sack tip enclosure supplied without fan or filter for connection to remote dust filtration system
- Wide range of standard outlet hoppers and customised discharge chutes
- Special finishes on request
- Empty sack compactor
- Empty sack discharge chute
- Integral rare earth magnet tray
- Pre-wired control panel
- Double sack tip assembly
- Discharge aids:
  - Vibration and fluidising pads
- ATEX Zones (external),
  - Safe area
  - Zone 22
  - Zone 21-1 metre around the opening
- Special applications for zone 1 areas on request

For more information on our other products, services, distributors see:

[www.gericke.net](http://www.gericke.net)

**Gericke representatives:**

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