



BAG DUMP STATIONS



1-888-FLEXICON • SALES@FLEXICON.COM

Flexicon® Bag Dumping Stations

Reverse-pulse filter cleaning for continuous operation

Collect dust efficiently

Flexicon Bag Dumping Stations collect dust generated when dumping powder and bulk solids from bags, boxes, drums, and other containers, and return the material to the hopper.

The system reduces material waste and eliminates the need to clean a remote dust collection site, while protecting workers and preventing plant contamination.

All units feature a high-velocity vacuum fan which draws airborne dust away from the operator through two cartridge filters which are sized according to the application.

To operate, the hopper lid is opened, the vacuum fan is activated, and material is dumped through the hopper screen. Airborne dust in the vicinity of the hopper opening is drawn into the dust collector, protecting workers, preventing plant contamination, and reducing material waste.

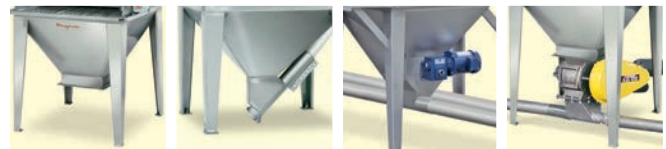
An automatic reverse-pulse filter cleaning system employs timer-activated solenoid valves to release short blasts of

compressed plant air inside the cartridge filters, causing dust build-up on the outer filter surfaces to fall into the hopper. Because the filters are blasted alternately at timed intervals, operation of the dust collection system is both continuous and efficient.

Tailored to your process

The hoppers of Flexicon manual dumping stations are available in various configurations for simplified connection to pneumatic conveyor lines, mechanical conveyors, and virtually any process equipment.

All units are available in carbon steel with durable industrial finishes, or in stainless steel for industrial or sanitary finishes.



The hoppers of Flexicon Bag Dumping Stations are offered with outlets configured for: (left to right) direct connection to process equipment, flexible screw conveyor charging adapters, tubular cable conveyor charging adapters and rotary airlock valves with flow-through adapters.



Two cartridge filters are accessed easily by removing the interior baffle, and replaced rapidly using quick-disconnect fittings.



Self-contained Bag Dump System integrates a dust collector, flexible screw conveyor and bag compactor on a skid, streamlining installation and allowing easy relocation. The entire airtight system is under negative pressure, containing dust when bags are dumped, as well as when empty bags are pushed through the chute and compacted.

1-888-FLEXICON • SALES@FLEXICON.COM

Configurations (Page 1 of 3)



*Stand-Alone Dust Collector
for Bag Dump Stations*



*Mobile Flexible Screw Conveyor
for Bulk Bag Discharging
and Manual Dumping*



*Explosion-Proof Bag Dump Station
with Glove Box, Compactor,
Conveyor*



*Sanitary Bulk Bag
Weigh Batch Unloader*



*Bag Dump Station with
Tubular Cable Conveyor*



*Bag Dump Station
with Glove Box, Bag
Compactor, Conveyor*



*Bag Dump Station
with Bag Compactor and
Flexible Screw Conveyor*



*Bag Dump Station Integral
to Mobile Half Frame
Bulk Bag Discharger*



*Sanitary Bag Dump Station
with Bag Compactor,
Flexible Screw Conveyor*

Configurations *(Page 2 of 3)*



Bag Dump Station Integral to Sanitary Weigh Batch System



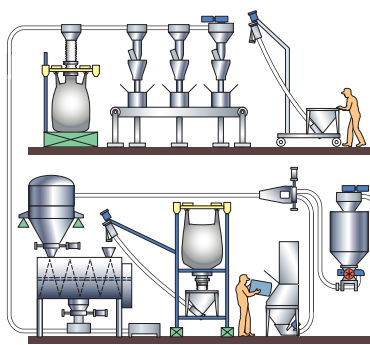
Bag Dump Station for Sanitary Weigh Batching



Sanitary Bag Dump Station with Rotary Airlock, Quick-Clean Hood



Bag Dump Station on Mezzanine Discharging into Rigid Bin System



Engineered, Integrated Bulk Handling Systems



Bag Dump Station Integral to Bulk Bag Discharger with Conveyor



Manual Dumping Station with Non-Flow-Through Pick-Up Adapter



Bag Dump Station with Pneumatic Bulk Bag Weigh Batching System



Bag Dump Station with Integral Flexible Screw Conveyor

Configurations *(Page 3 of 3)*



*Bag Dump Station Part of Weigh
Batching/Blending System*



*Mobile Bag Dump System
with Bag Compactor, Conveyor*

Broad Range of Bulk Handling Equipment and Systems



FLEXICON® Flexible Screw Conveyors transport free- and non-free-flowing bulk solid materials from large pellets to sub-micron powders, including products that pack, cake or smear, with no separation of blends.



FLEXI-DISC® Tubular Cable Conveyors gently slide friable bulk material through smooth stainless tubing at any angle to single/multiple points.



PNEUMATI-CON® Pneumatic Conveying Systems move a broad range of bulk materials over short or long distances, between single or multiple inlet and discharge points in low to high capacities.



SWING-DOWN®, REAR-POST and TWIN-CENTERPOST™ Bulk Bag Fillers can fill one bulk bag per week or 20 per hour at the lowest cost per bag. Numerous performance options.



BLOCK-BUSTER® Bulk Bag Conditioners loosen solidified material. Variable height turntable positions bag for conditioning on all sides at all heights.



BULK-OUT® Bulk Bag Dischargers unload free- and non-free-flowing solids from bulk bags automatically. Allows untying, discharging, retying and collapsing.



FLEXICON® Manual Dumping Stations allow dust-free dumping of bulk material from bags and other containers. Automatic filter cleaning allows continuous, efficient operation.



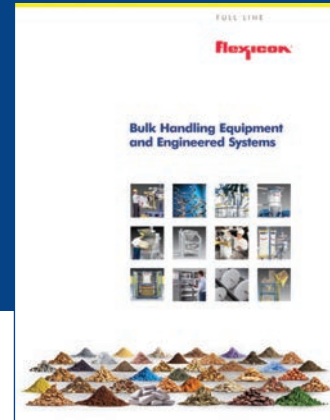
TIP-TITE® Container Dumpers empty bulk material from drums into vessels up to 10 ft (3 m) high. Dust-tight (shown) or open chute models.



FLEXICON® Weigh Batching Systems weigh and blend bulk ingredients automatically. Gain-in-weight (shown) and loss-of-weight systems available.

1-888-FLEXICON • SALES@FLEXICON.COM

CLICK OR CALL 1-888-FLEXICON FOR 36 PAGE FLEXICON FULL LINE BROCHURE



Flexicon products are manufactured on four continents, and marketed through an extensive sales network throughout Europe, Australia, Southeast Asia, Africa and North/Central/South America.

HH-0728G

USA

FLEXICON CORPORATION
Tel: +1 610 814 2400
E-mail: sales@flexicon.com
Web: www.flexicon.com

UK

FLEXICON (EUROPE) LTD
Tel: +44 (0)1227 374710
E-mail: sales@flexicon.co.uk
Web: www.flexicon.co.uk

AUSTRALIA

FLEXICON CORPORATION
(AUSTRALIA) PTY LIMITED
Tel: +61 (0)7 3879 4180
E-mail: sales@flexicon.com.au
Web: www.flexicon.com.au

SOUTH AFRICA

FLEXICON AFRICA (PTY) LTD
Tel: +27 (0)41 453 1871
E-mail: sales@flexicon.co.za
Web: www.flexicon.co.za

CHILE

FLEXICON CHILE LIMITADA
Tel: +56 2 2415 1286
E-mail: ventas@flexicon.com
Web: www.flexicon.com

SPAIN

FLEXICON EUROPE SPAIN
Tel: +34 930 020 509
E-mail: ventas@flexicon.es
Web: www.flexicon.es

FRANCE

FLEXICON EUROPE SAS
Tel: +33 (0)7 61 36 56 12
E-mail: ventes@flexicon.fr
Web: www.flexicon.fr

GERMANY

FLEXICON EUROPE GmbH
Tel: +49 173 900 78 76
E-mail: vertrieb@flexiconeurope.de
Web: www.flexicondeutschland.de

SINGAPORE

FLEXICON SINGAPORE PTE LTD
Tel: +65 6778 9225
E-mail: sales@flexicon.com.sg
Web: www.flexicon.com.sg

INDONESIA

FLEXICON SINGAPORE PTE LTD
Tel: +62 81 1103 2400
E-mail: sales@flexicon.co.id
Web: www.flexicon.co.id

WEBSITES BY LANGUAGE:

ENGLISH:

www.flexicon.com
www.flexicon.co.uk
www.flexicon.co.za
www.flexicon.com.au
www.flexicon.com.sg
www.flexicon.co.id

FRENCH:

www.flexicon.fr

GERMAN:

www.flexicondeutschland.de

SPANISH:

www.flexicon.es

