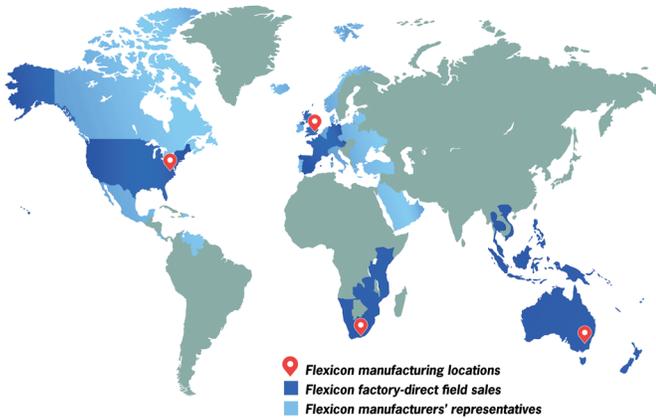




## Manual Dump System Has Bag Compactor, Flexible Screw Conveyor

X-0868



 Flexicon manufacturing locations  
 Flexicon factory-direct field sales  
 Flexicon manufacturers' representatives

### USA

FLEXICON CORPORATION  
Tel: +1 610 814 2400  
E-mail: [sales@flexicon.com](mailto:sales@flexicon.com)  
Web: [www.flexicon.com](http://www.flexicon.com)

### UK

FLEXICON (EUROPE) LTD  
Tel: +44 1227 374710  
E-mail: [sales@flexicon.co.uk](mailto:sales@flexicon.co.uk)  
Web: [www.flexicon.co.uk](http://www.flexicon.co.uk)

### AUSTRALIA

FLEXICON CORPORATION  
(AUSTRALIA) PTY LTD  
Tel: +61 7 3879 4180  
E-mail: [sales@flexicon.com.au](mailto:sales@flexicon.com.au)  
Web: [www.flexicon.com.au](http://www.flexicon.com.au)

### SOUTH AFRICA

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

### SPAIN

FLEXICON EUROPE SPAIN  
Tel: +34 930 020 509  
E-mail: [ventas@flexicon.es](mailto:ventas@flexicon.es)  
Web: [www.flexicon.es](http://www.flexicon.es)

### FRANCE

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

### GERMANY

FLEXICON EUROPE GmbH  
Tel: +49 173 900 78 76  
E-mail: [vertrieb@flexiconeurope.de](mailto:vertrieb@flexiconeurope.de)  
Web: [www.flexicondeutschland.de](http://www.flexicondeutschland.de)

### SINGAPORE

FLEXICON SINGAPORE PTE LTD  
Tel: +65 6778 9225  
E-mail: [sales@flexicon.com.sg](mailto:sales@flexicon.com.sg)  
Web: [www.flexicon.com.sg](http://www.flexicon.com.sg)

### INDONESIA

FLEXICON SINGAPORE PTE LTD  
Tel: +62 81 1103 2400  
E-mail: [sales@flexicon.co.id](mailto:sales@flexicon.co.id)  
Web: [www.flexicon.co.id](http://www.flexicon.co.id)

## Manual Dump System Has Bag Compactor, Flexible Screw Conveyor

This Manual Dump System from Flexicon collects dust generated during manual dumping, compacts empty bags, and conveys bulk material downstream.

The dust-free system is comprised of a receiving hopper, dust collector, bag compactor and flexible screw conveyor (also known as a helix conveyor, screw conveyor, spiral conveyor or auger conveyor).

A bag infeed chute through the sidewall of the hopper hood allows the operator to pass empty bags directly into the bag compactor, causing dust generated from both dumping and compaction to be drawn onto the system's two cartridge filters. An automatic reverse-pulse filter cleaning system releases short blasts of compressed air inside the filters at timed intervals causing dust build-up on the outer surfaces to fall into the hopper, conserving useable product. Filters are readily accessed by removing the interior baffle, and replaced rapidly using quick-disconnect fittings.

The compactor employs a large pneumatic air cylinder to compress bags into a removable bin that accommodates 50 to 80 bags. The main door, and a flapper door within the bag infeed chute, are equipped with safety interlocks that prevent operation of the compactor unless both doors are closed.

The hopper discharges into an enclosed, flexible screw conveyor designed to handle a broad variety of materials including free- and non-free-flowing bulk materials from large pellets to sub-micron powders, including products that pack, cake, seize, smear, fluidize, break apart or separate, with no separation of blended products.



*Dust generated from bag dumping and compaction is drawn onto cartridge filters equipped with air nozzles that cause collected dust to fall into the hopper on a timed cycle, conserving useable material while protecting plant personnel. An enclosed flexible screw conveyor transports material at any angle.*

# flexicon®

#### USA

FLEXICON CORPORATION  
Tel: +1 610 814 2400  
E-mail: [sales@flexicon.com](mailto:sales@flexicon.com)  
Web: [www.flexicon.com](http://www.flexicon.com)