

PRODUCT CONFIGURATIONS



Z-0896

Pneumatic Weigh Filling System



USA

FLEXICON CORPORATION
2400 Emrick Boulevard
Bethlehem, PA 18020-8006
USA
Tel: 1 888 FLEXICON
(1 888 353 9426)
Tel: 1 610 814 2400
Fax: 1 610 814 0600
E-mail: sales@flexicon.com
Web: www.flexicon.com

UK

FLEXICON (EUROPE) LTD
182 John Wilson
Business Park
Harvey Drive
Whitstable, Kent CT5 3RB
United Kingdom
Tel: +44 (0)1227 374710
Fax: +44 (0)1227 365821
E-mail: sales@flexicon.co.uk
Web: www.flexicon.co.uk

SPAIN

FLEXICON (EUROPE) LTD
Méndez Núñez 3-5, Principal
08003 Barcelona
Spain
Tel: +34 647 670 302
E-mail: ventas@flexicon.es
Web: www.flexicon.es

SOUTH AFRICA

FLEXICON AFRICA (PTY) LTD
P.O. Box 10450
Linton Grange
Port Elizabeth 6015
South Africa
Tel: +27 41 453 1871
Fax: +27 41 453 1670
E-mail: sales@flexicon.co.za
Web: www.flexicon.co.za

CHILE

FLEXICON CHILE LTD
Avenida Andres Bello #1051
Oficina #1602
Providencia
Santiago
Chile
Tel: +56 2 2415 1286
Fax: +56 2 2415 1393
E-mail: ventas@flexicon.com
Web: www.flexicon.com

AUSTRALIA (SYDNEY)

FLEXICON CORPORATION
(AUSTRALIA) PTY LTD
Suite 5, Level 3
45-47 Hunter St.
Hornsby, NSW 2077
Australia
Tel: +61 (0)7 3879 4180
Fax: +61 (0)2 9477 5548
E-mail: sales@flexicon.com.au
Web: www.flexicon.com.au

AUSTRALIA (BRISBANE)

FLEXICON CORPORATION
(AUSTRALIA) PTY LTD
78 Westgate Street
Wacol, QLD 4076
Australia
Tel: +61 (0)7 3879 4180
Fax: +61 (0)7 3879 4183
E-mail: sales@flexicon.com.au
Web: www.flexicon.com.au

SINGAPORE

FLEXICON SINGAPORE PTE
LTD
27 West Coast Highway
#02-22
Singapore 117867
Tel: +65 6778 9225
Fax: +65 6690 8850
E-mail: sales@flexicon.com.sg

flexicon®

Pneumatic Weigh Filling System

A pneumatic gain-in-weight filling system for free-flowing bulk solids conveys and weighs the material, and discharges it into bulk bags.

The filter receiver of the PNEUMATI-CON® vacuum dilute-phase pneumatic conveying system is mounted on load cells, enabling the system controller to weigh incoming material at high rates, and then at steady dribble-feed rates, stopping the flow once an accurate batch weight has been reached.

Pressing a "fill" button on the control panel actuates a bag inflation blower on the TWIN-CENTERPOST™ bulk bag filler to remove creases in the bag, and opens a slide gate valve at the outlet of the filter receiver, allowing the weighed batch to gravity discharge into the bag at high rates, as a vibratory deck densifies the material to stabilize the bag. A secondary set of load cells mounted beneath the bulk bag filler allows the system to confirm the final weight of the filled bulk bag.

A port within the discharge spout vents displaced air and dust to a remote bag house.

The controller then releases the bag straps and deflates the spout seal, allowing the operator to tie-off the spout and remove the filled bag.

Connecting an empty bag consists of attaching the bag straps, pulling the spout over the inflatable collar, and pushing a spout inflator button.

While filled bags are being removed and empty bags attached, a subsequent batch is being conveyed to the filter receiver and weighed, ready for another fill cycle.



A PNEUMATI-CON® pneumatic conveying system weighs material and discharges it into a TWIN-CENTERPOST™ bulk bag filler at high rates, dust-free.