



Big Bag Discharging

Powder Handling Excellence

DEC Big Bag Discharging

Optimal Discharging of Bridging and Sticky Products

The big bag emptying stations of Dec are based on a modular design. This allows to be ideally equipped with systems for each product's characteristics with corresponding docking systems for non-potent to highly active powders. Depending on the product flow, there is a range of discharge devices or lump breakers available. With the use of load cells, it is possible to dose accurately into the receptacle.

Massage units: the big bag discharging stations are available with compact, pneumatically operated bottom and/or side massaging units, especially suited to deal with poor flowing materials or to break up bridges.



Suction hopper: the suction hoppers are available in different sizes and can be easily adapted according to product properties. Fluidization cones and/or lump breakers can be optionally integrated.



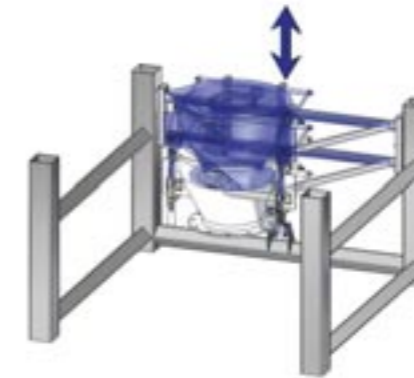
Weighing units: For precise product weighing.



Standard and module frames are available in mild and stainless steel.



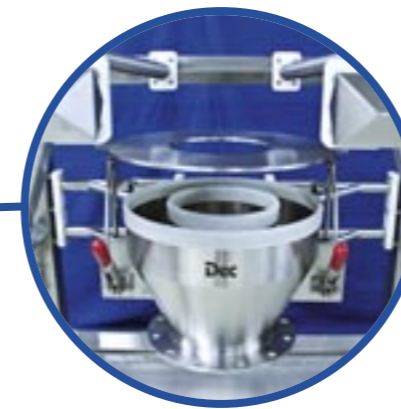
Lifting frame: Quick and safe loading of big bags by hoist or forklift. A clamping device for loose liners can be retrofitted. Special version available for low height requirements.



Discharge stretching device: The stretching device lowers the connection system and ensures a tight big bag sleeve, thus, the product can be freely discharged.

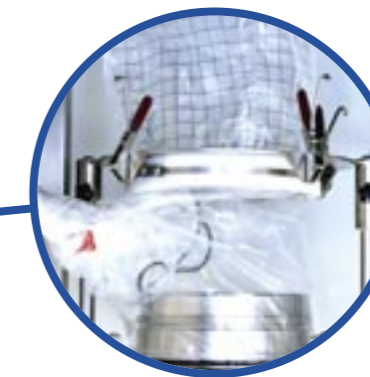
DEC Docking Systems

The right connection for your needs



Connection system

The connection system with a double ring and lever mechanism allows dust-free connection and emptying of big bags. (OEB 1-2)) Interchangeable inner tubes ensure high flexibility, e.g. change of big bags



UniDock System

The UniDock System* allows the simplified discharging of big bags, whilst ensuring a high containment level (OEB 4), efficiency and a reliable operation.

* patent pending



DCS Docking System

For highest containment requirements, the emptying station is supplied with a DCS head providing both primary and secondary containment.



Module frame

The module frame is suitable for loading with a forklift truck as well as with a chain hoist and can, depending on product characteristics, be equipped with efficient discharge supports. Thanks to its compact design, the station is perfectly suited to be used as a mobile unit.



Switzerland

Dec Group

Z. I. Larges Pièces A
Chemin du Dévent
P. O. Box 9
1024 Ecublens

Tel: +41 21 694 20 40
Fax: +41 21 694 20 59

Germany

Dec Deutschland GmbH

Max-Knöferl-Str. 6
85290 Geisenfeld

Tel: +49 8452 73223 0
Fax: +49 8452 73223 11

Ireland

Dec Ireland

Derry, Barefield
Ennis. Co. Clare
Ireland

Tel: +353 86 606 7001
Fax: +353 65 671 0111

UK

Dec UK Ltd.

The Beetham Suite
Clawthorpe Hall Business Centre
Burton
Lancashire
LA6 1NU

Tel: +44 1524 784 345
Fax: +44 1524 784 353

India

Dietrich Engineering Consultants

India Pvt. Ltd

Churchgate House
Veer Nariman Road 32-34
Mumbai - 400 001

Tel: +91 22 2288 1006
Fax: +91 22 2204 9408

Poland

Tekpro Sp. z o.o.

ul. Wojska Polskiego 9
39-300 Mielec

Tel: +48 17 788 6428
Fax: +48 17 774 5150

USA

Dec USA Inc.

1118 Industrial Pkwy.
Brick, NJ 08724

Tel: +1 732 2027536
Fax: +1 908 6030145

China

Dec China

Building 3, 526 Fute No.3 Road E,
Pilot Free Trade Zone
Shanghai, PRC 200131

Tel: +86 135 2424 8975



Powder Handling Excellence