

## ***Sealed pneumatic transfer from bulk bag to silo***

Flexicon Europe, based in Herne, Kent, UK, has developed a bulk bag discharger with integral pneumatic conveying system which has been specifically engineered to enable companies to stockpile materials such as powders, flakes and granules in silos located alongside production process lines where direct access for large-volume bulk delivery by road or rail powder tanker is impractical. The new totally sealed system prevents risk of material being released into the working environment.

The surge hopper is equipped with a high-capacity rotary airlock valve to feed material into



the pneumatic conveying line leading from a positive displacement blower at high rates. The advantage of Flexicon's pneumatic conveying system is that it creates a positive pressure in the line to facilitate transfer to the silo storage. A further refinement is the Bag-Vac<sup>®</sup> dust collector, integral to the dust-tight system, which creates a negative pressure to collapse empty bags prior to retying and disconnection, eliminating risk of any dust emissions during manual flattening of emptying used bags. [www.flexicon.co.uk](http://www.flexicon.co.uk)

***Flexicon's positive-pressure pneumatic system has been designed to fill silos situated on islands or at similar inaccessible locations***