



String Discharge System

This system is most commonly used for filter cakes which:

- are mechanically fragile
- are sticky and thixotropic
- are fibrous

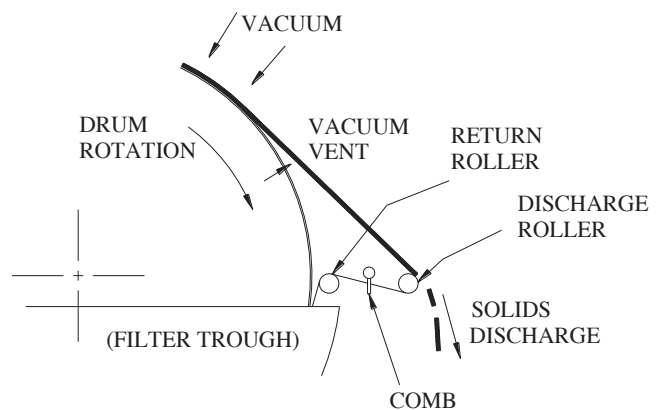
Suspensions most commonly filtered in this way tend to produce filter cakes with a naturally high residual moisture content. As such, these require the use of a filter belt to transport the solids to the discharge point.

The process

The filter is fitted with a number of closely spaced, parallel strings which pass around the drum and are aligned using a discharge comb. As the filter cake leaves the drum surface, the strings convey the solids to the discharge point.

Most suitable for use in the processing of:

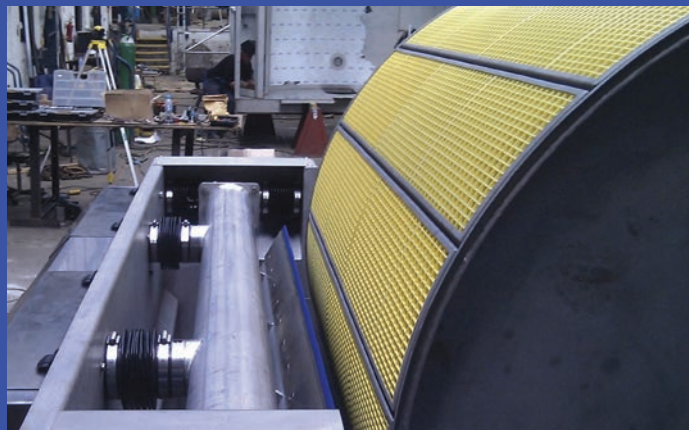
- Pharmaceuticals
- Fine chemicals
- Mineral processing
- Clays



Other Discharge Options



Belt Discharge



Precoat Discharge



Roller Discharge



Scraper Discharge



Clarity Through Engineering

For more information, please contact Filtration Services:

Filtration Services Limited
Unit 5, Sutton Mill, Byrons Lane
Macclesfield, Cheshire SK11 7JL
United Kingdom

tel: +44 (0)1625 616109
fax: +44 (0)1625 434678
email: info@filtrationservices.co.uk

www.filtrationservices.co.uk

