



Roller Discharge System

Roll Discharge is most commonly used by clients when:

- the suspension to be separated has high solid content
- the filter cake is sticky and highly thixotropic

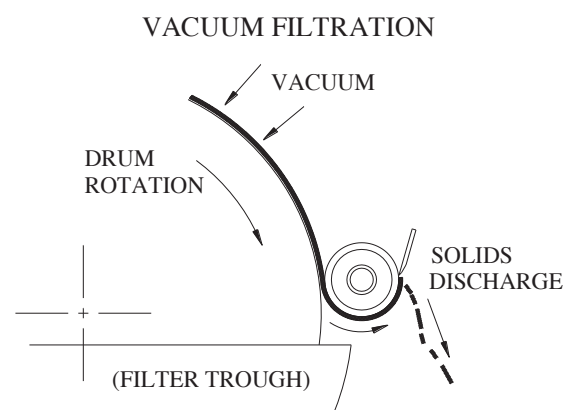
The process

A roller, mounted next to the drum's surface, rotates with the drum and peels the filter cake from the filter cloth onto the roller itself. To enable this to happen effectively the roller is already coated with a thin layer of the sticky, filtered solids, which adheres to the filter cake and shears it from the drum surface. The vacuum is released directly prior to the filter cake reaching the roller, allowing the transfer of the filter cake onto the roller.

A discharge blade continuously removes the filtered solids from the roller.

Most suitable for use in the processing of:

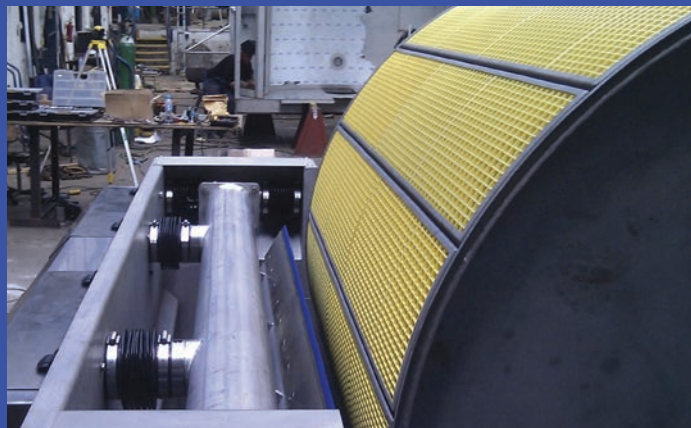
- Fine chemicals
- Pigments
- Clays
- Foods



Other Discharge Options



Belt Discharge



Precoat Discharge



Scraper Discharge



String 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

