

Flowrox Product Portfolio

Flowrox specializes in flow control, pumping, environmental & filtration solutions. Flowrox products and services are enhanced with IIoT solutions and intelligent systems. Flowrox serves number of process industry applications, especially in mining, minerals processing, chemical, energy & environmental industries.

Valves



Flowrox PV and PVE Pinch Valves

- Sizes: DN25-800
- Pressure rating up to 100 bar
- Manual, pneumatic, electric, hydraulic
- For isolation and control



Flowrox PVG and PVEG Pinch Valves

- Sizes: DN50-250
- Pressure rating 10 bar
- Manual, pneumatic, electric (PVG)
- For isolation in low cycling applications



Flowrox Slurry Knife Gate Valves

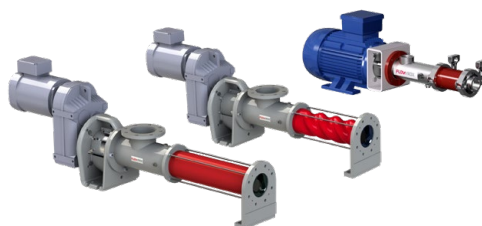
- Sizes: DN50-1500
- Pressure rating 10/20 bar
- Manual, pneumatic, electric, hydraulic
- For isolation

Pumps



Flowrox Peristaltic Pumps

- For transfer, dosing and metering
- Dosing: max pressure up to 16 bar
- Transfer: 100 m³/h max pressure up to 10 bar



Flowrox Progressive Cavity Pumps

- D: Dosing, max pressure up to 12 bar
- EL: Flow rates up to 188 m³/h max pressure up to 6 bar
- E: Flow rates up to 228 m³/h max pressure up to 10 bar



Flowrox Centrifugal Pumps

- For abrasive and corrosive slurries
- Heavy-duty construction
- Flow rates from 2,3 m³/h to 4 000 m³/h

Packaged Pumping Systems



Faster, Simpler & Safer Pump Installations

- Compact design ensures simple start-up on site
- Packaged and tested with integral piping, auxiliaries & termination

Digital Services



Enhance your process performance with Digital Services

- Flowrox Malibu™ platform is a customized user interface
- Combined online process monitoring, maintenance and analysis tool

Filters



Flowrox Filter Press™

- Fully automatic operation
- Detailed analysis of process & filtration testing
- Close co-operation & full support at delivery, installation and start-up



Flowrox Ceramic Disc Filter™

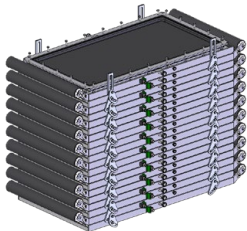
- Highly efficient filtration
- Lowest energy consumption
- Operates continuously with high capacity
- Complete service



Flowrox Smart Filter Press™

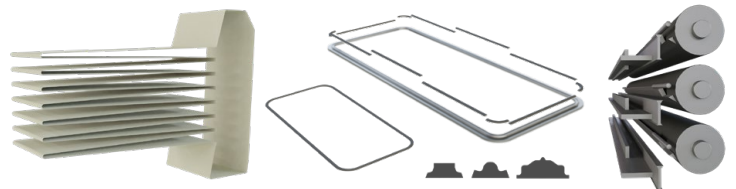
- Highest capacity compared to conventional recessed filter presses
- Unmanned availability above 98%
- Unique design ensures automatic cake discharge even with sticky products

Filter Service



Complete Plate Packs for Tower Press Filters

- 1,6 m² or 6 m² filter plates
- Cupped or flat designs, right or left
- All included components are high-quality
- Design of every part is based on extensive filtration experience and best practice to optimize filtration



Filter Service Solutions

- Filter cloths, plate seals, diaphragms, vats, plates and frames. Rollers, scrapers, grids, hydraulics and mounting components available for complete filter plate packs
- Ceramic disc filter elements (size 0.25 m²)
- Modernizations, refurbishments, spare parts and full maintenance support

Environmental Technologies



Flowrox Plasma Oxidizer

- Non-thermal plasma technology for water purification
- Alternative to ozone, UV and chemical treatment
- Plasma generated oxidants effectively remove colour, odour and organic residues while disinfecting the water



Flowrox GeoBox™

- Roll-off geotextile filtration and dewatering unit
- Removes up to 90% of water from waste and process sludges
- Easy and cost-efficient transportation of solids or concentrated sludge



Flowrox Oy
P.O. Box 338, FI-53101 Lappeenranta
Finland
Tel. +358 201 113 311

www.flowrox.com
info@flowrox.com

