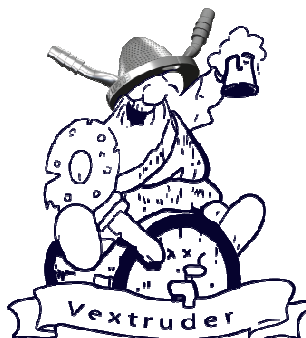




Modularity Member!

General Description

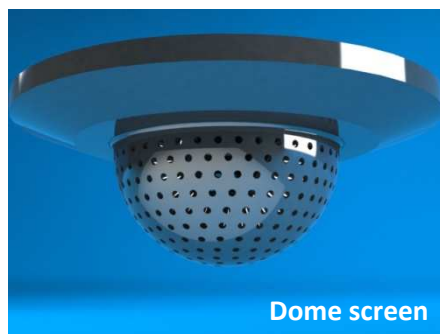
- Lab scale extrusion (100-1000 g/hr) with integrated spheroniser
- Jacketed screens! Capabilities for Melt processing!
- Segmented jacketed feed screw housing
- Jacketed spheroniser suitable for stand-alone use
- Swing-away spheroniser, mounted on the plexi door
- Elliptical, dome and conical extrusion heads and screens
- Screens with different compaction factors available
- Different levels of control modules possible (see modular documentation)
- Integrated on a trolley, wall mounted or on a table stand



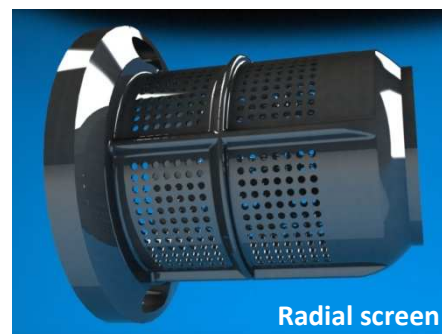
Spheroniser diameter	Batch capacity
90 mm	25 grams
130 mm	250 grams



Elliptical screen



Dome screen



Radial screen

Simple to use & full transparency

- Two processes in one machine
- Full transparent plexi cover
- Quick changeover, no tools required
- Easy cleanability and strip down of components in minutes
- Product cooling for temperature sensitive products
- Installation in containment isolator possible



Manual Control



Basic Control



Excel Control

High Accuracy with Excel Control

- Critical process data such speeds and feed screw torque are recorded
- Real time graphs and batch reporting capability

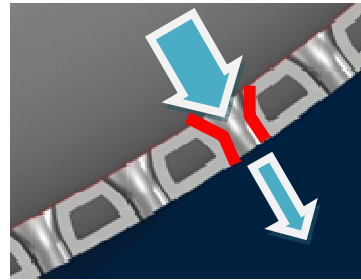


Vertical Extruder



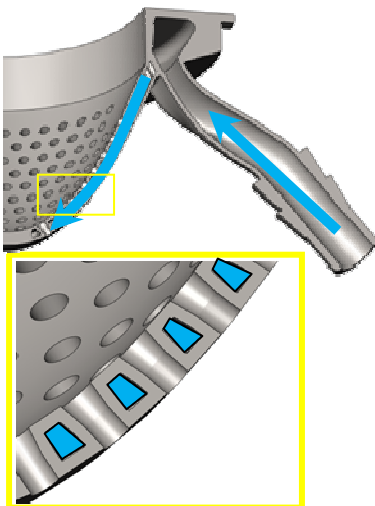
Gravitation adds an extra dimension to your extrusion process, making melt applications possible with a single screw.

Screen with 'trumpet design'



Various plain/straight or trumpet design screens are available offering extra compaction during the extrusion. Compaction forces from 1 to 2.5

Jacketed screens



Keep full control over temperature of the screen. Water passes around every hole in the screen, maintaining the screen at a constant temperature during the whole extrusion process. Alternatively it can be heated/cooled depending on the application.

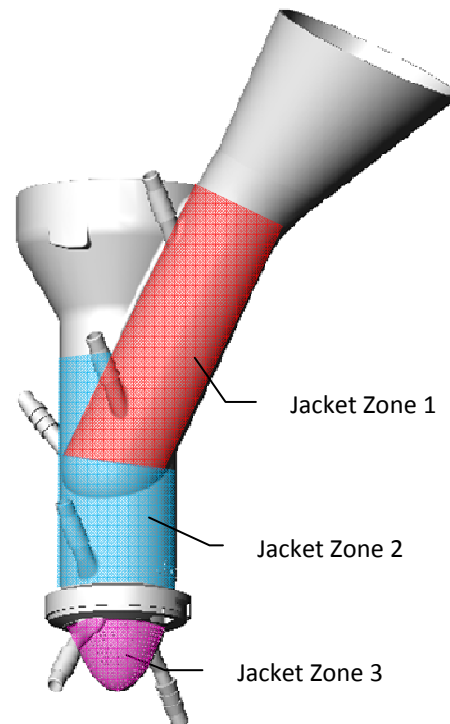
Sectional Jackets for Heating/cooling

Each zone in the extruder can be temperature controlled independently:

Melt or solidify in the same process...

Cool temperature sensitive products

Cool screen to **prevent drying out** the exterior layer of extrudates



Applications

- Normal extrusion
- Extra dense extrusion (compression + cooling)
- Melt extrusion
- Melt solidification + extrusion

Spheroniser

- Multiple vessel sizes
- Multiple chequered plate dimensions
- Jacketed vessel available