

Centrifugal (Rotary) Sifter

High Throughput

No Vibration

Robust Construction

Dust Free Operation

Simple Maintenance

Gravity & Inline Version Available

Applications

- **Screening**

Before processing & post processing to ensure no form of sack (bag) fibres, lumps, paper shreds or other foreign material can enter the production process & the end product respectively

- **Delumping**

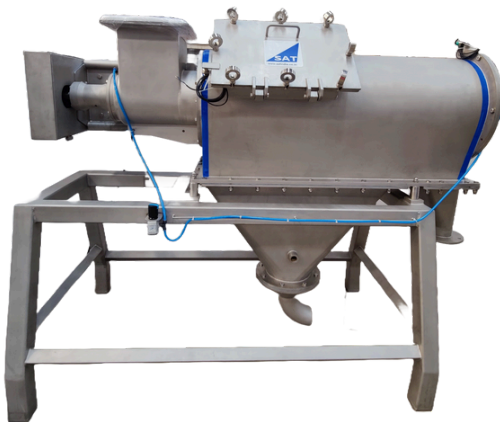
Breaking lumps without loss of product

- **Fractioning**

Separation of bulk materials according to particle size

Advantages

- Higher throughput compared to conventional sifters
- Smaller footprint
- No dust generation
- Quick clean design
- Complete machine dismantling without tools



Solutions For :

- Food & Beverages
- FMCG
- Pharmaceutical
- Petrochemicals
- Chemicals & Specialty Chemical
- Foundries
- Ceramics
- Paints & Pigments and many more

Design :

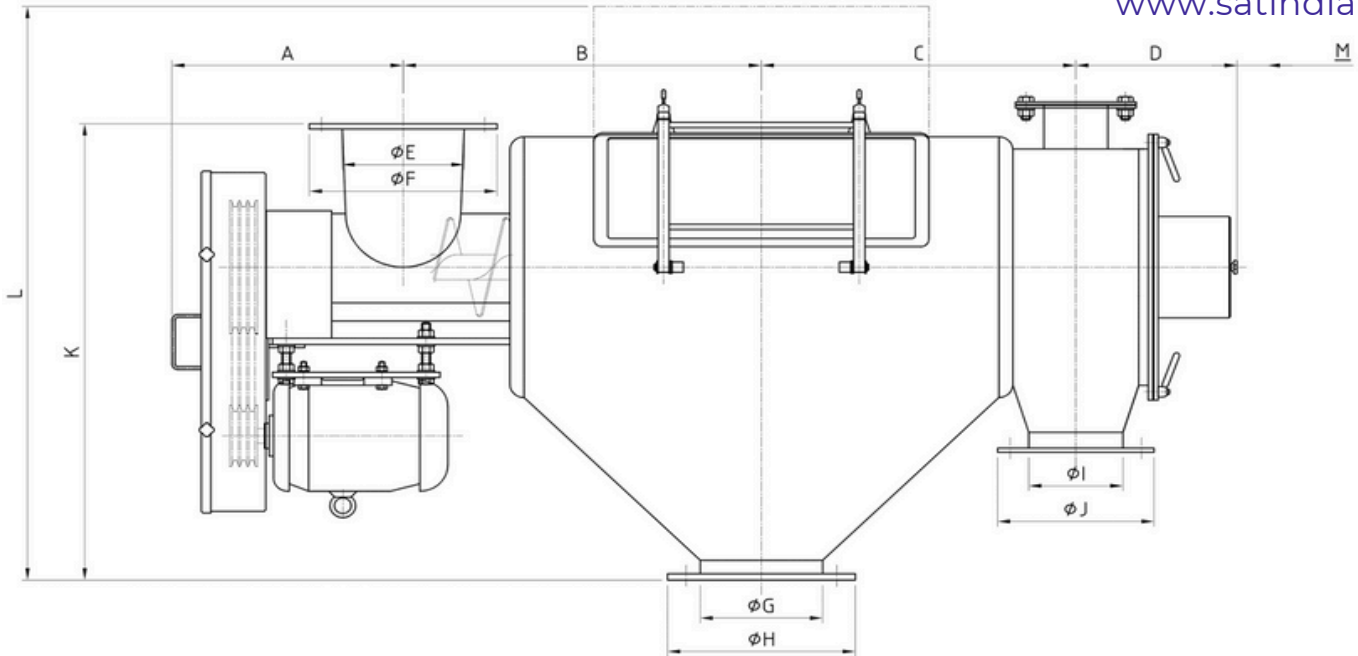
The product is metered into the sifter via the inlet section. This can be achieved by a rotary airlock valve or a metering screw

The screw profile of the impeller introduces the material in the screening chamber where it is gently swirled through the mesh by the fluidizing bars

The undersize (fines) drop through while coarser particles are carried to the oversize chamber and discharged

Provision of an adjustable baffle plate at the end of the screen facilitates adjustment to ensure that no fines can enter the coarse section

Drawing & Dimension Table :



Size	A	B	C	D	E	F	G	H	I	J	K	L	M
SCR-08	390	540	515	288	203	336	219	336	168	280	845	1070	1600
SCR-12	415	640	565	288	219	336	219	336	168	280	875	1100	1750
SCR-16	420	640	565	312	219	336	219	336	168	280	945	170	1850

Note : Higher sizes available on request

Technical Data :

- Material of Construction in Mild Steel / SS 304 / SS 316
- External finish - Matt / Glass bead blast, Internal finish - Mirror / Matt / Glass bead blast
- Inspection Door, Non drive end plate and Motor cover with safety switches
- Various screen types and materials to suit to application

Optional Accessories :

- Magnet assembly on inlet port
- Level sensor at oversize outlet
- Quick opening bin assembly / Pneumatic valve on oversize outlet

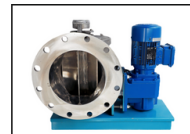
Other Products :



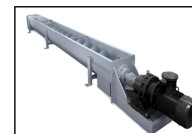
BIN ACTIVATOR



STORAGE SILOS



ROTARY AIRLOCK VALVE



SCREW CONVEYORS



PNEUMATIC CONVEYING SYSTEMS