

STOLZ

Rotary sifter TurboSifter



ENGINEERED
TO YOUR NEEDS

The need to separate a product batch into two different and regular particle sizes, especially in the field of bioethanol, starch, cement, pet food, and fish feed industry, result in the new design of a range of high performance sifters called “turbosifters” by Stolz

Specifically designed for the separation of fine ground products

- Cleaning of screens by air blowing and rotation of screens supports (BCMT version)
- Limited risk of cross-contamination
- Quick change of screens through large sized side doors
- Limited maintenance
- Screens from 5 mm to 0.4 mm, or from 4 to 40 mesh

FEATURES

- Innovative Bi-rotor technology for the sifting of clogging powders
- Robust structure and ATEX compliance
- High performance separation of fatty and fine products
- Motorisation by engine and belts, or direct gearmotor depending on the size of the machine

OPTIONS

- Low pressure or high pressure manifolds for greasy products
- High pressure manifold for fat products
- Atex Zone 22
- Vertical or horizontal air tank
- Bypass

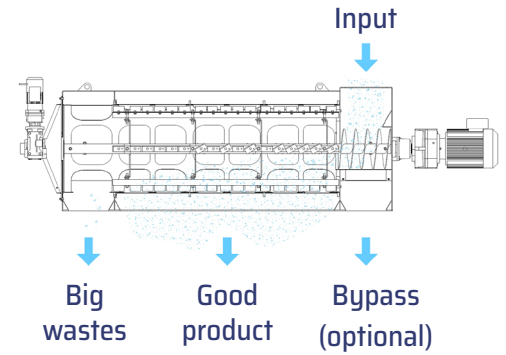
SIEVING PRODUCTS

- Various mealy or powdery products : phosphates, salts, chalk, talc, casein, milk powder, diet product dried, desiccate products, aromatic, cocoa, washing powder, colouring materials, insect-powder, pesticides, fertiliser, resins, PVC, paint powder, fire-extinguisher powder, pharmaceuticals, etc...
- Granular products like sugar, rubber, plastic granules, etc...

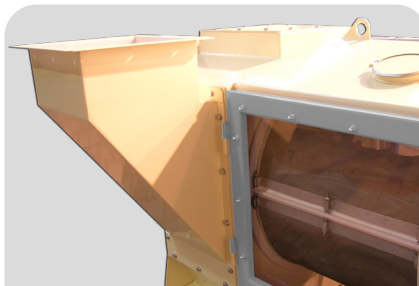
OPERATING PRINCIPLE

A feeding duct receives material to be processed which is introduced by a worm screw into a rotary sieve. A rotor equipped with paddles dispatches the product over the entire sieve surface area passing through holes or mesh. Rolling wastes are driven to the outlet whereas the fine particules pass through the sieve.

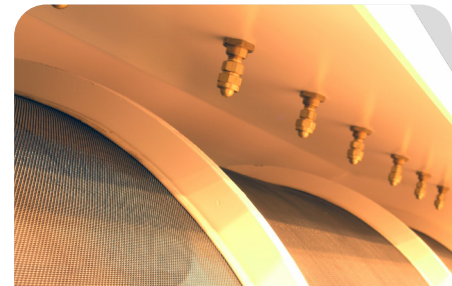
The sifter is fitted with a compressed air blowing system providing a cleaning of screens at the end of each batch or every five minutes with difficult products.



Rotor with pre-adjusted paddles

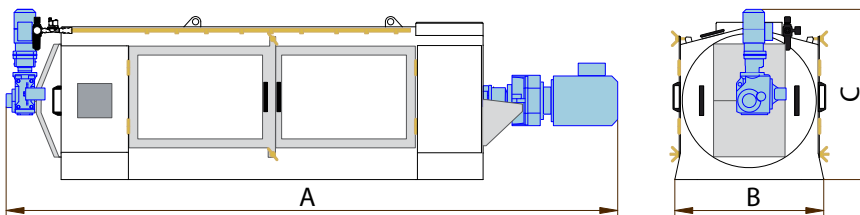


By-pass at machine inlet (option))



Nozzles for screen pneumatic cleaning

DIMENSIONS AND POWER BY TYPE



Type	Dimensions (mm)			Rotor/Screens power	Mass	Effective area
	A	B	C	(kW)	(kg)	(m ²)
BCMT 400	2330	650	730	5,5/0,37	285	0,6
BCMT 600	3500	900	1050	9,2/0,37	970	1,7
BCMT 750	4100	1000	1150	15/0,55	1520	3,0
BCMT 1250	4100	1600	1400	22-30/1.5	3700	4,5
BCMT 1250+	4700	1600	2100	45-55/2.2	4500	7,0

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