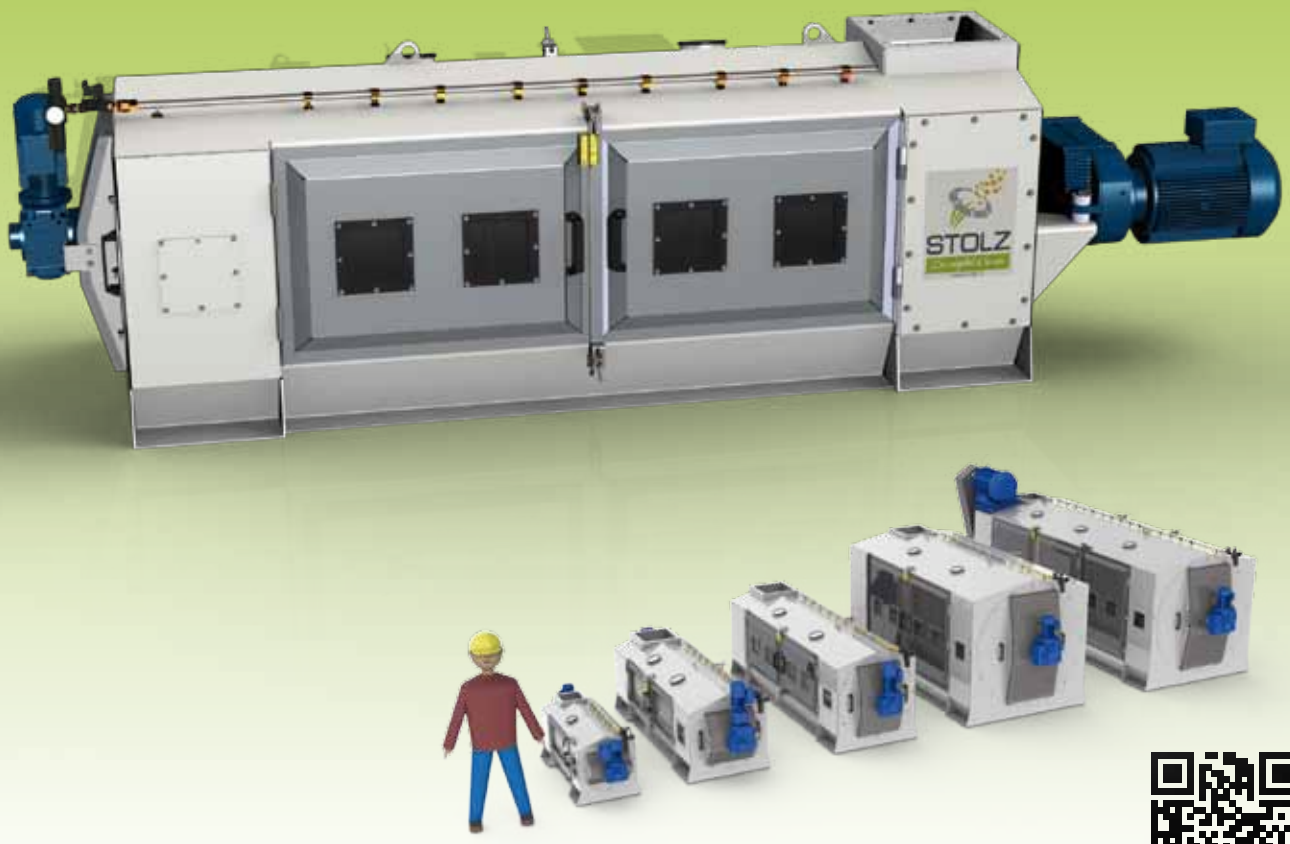
Rotary sifters
Turbosifter



The need to separate a product batch into 2 different and regular particle sizes, especially in the field of bioethanol, starch, cement, petfood, and fishfeed has lead STOLZ to design a range of high performance rotative sifters called «turbosifter».

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
- BCMF version with fixed screens for standard products not requiring any specific cleaning
- Screens from 5 mm to 0.4 mm, or from 4 to 40 mesh

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Rotary sifters Turbosifter

Features and options

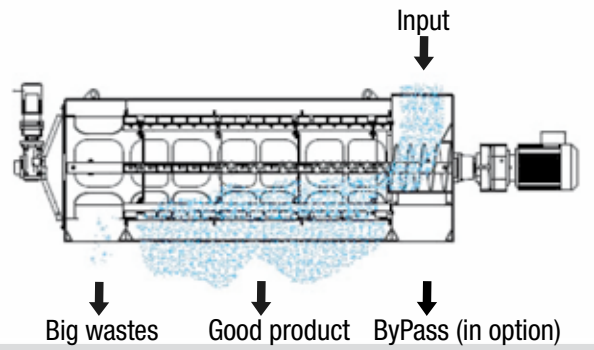
Features

- Bi-rotor innovative technology for the sifting of clogging powders sifting
- Robust structure and ATEX compliance
- High performance separation of fatty and fine products
- Drive by motor and belts, or direct gear-motor

Sieving products

- Various mealy or puwdery products : phosphates - salts - chalk - talc - casein – milk powder – dietetic products – desiccate products - aromatic - cacao – washing powder – colouring materials – insect-powder - pesticides - fertiliser - resins - PVC – paint powder – fire-extinguisher powder – pharmaceutics products - etc...
- Granular products like sugar, rubber, plastic granulates, etc…

Operating principle



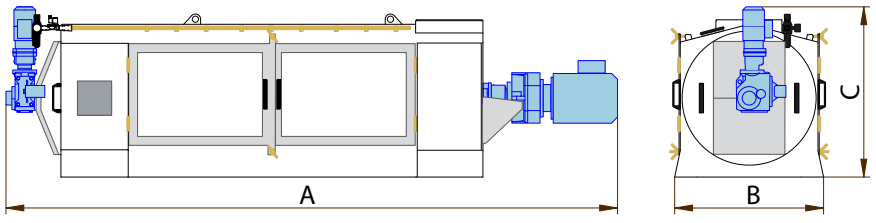
A feeding spout receives material to be processed which is introduced by a worm screw into a rotary sieve. A rotor equipped with paddles dispatches the product over the entire sieve surface area passing through holes or mesh. Rolling wastes are driven to the outlet whereas the fine grains pass through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

Rotor
with pre-adjusted paddles

By-pass at machine inlet
right or left hand side (optional)

Nozzles
for screens pneumatic cleaning



Type	Dimensions (mm)			Rotor/Screens power	Mass	Effective area
	A	B	C	(kW)	(kg)	(m²)
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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