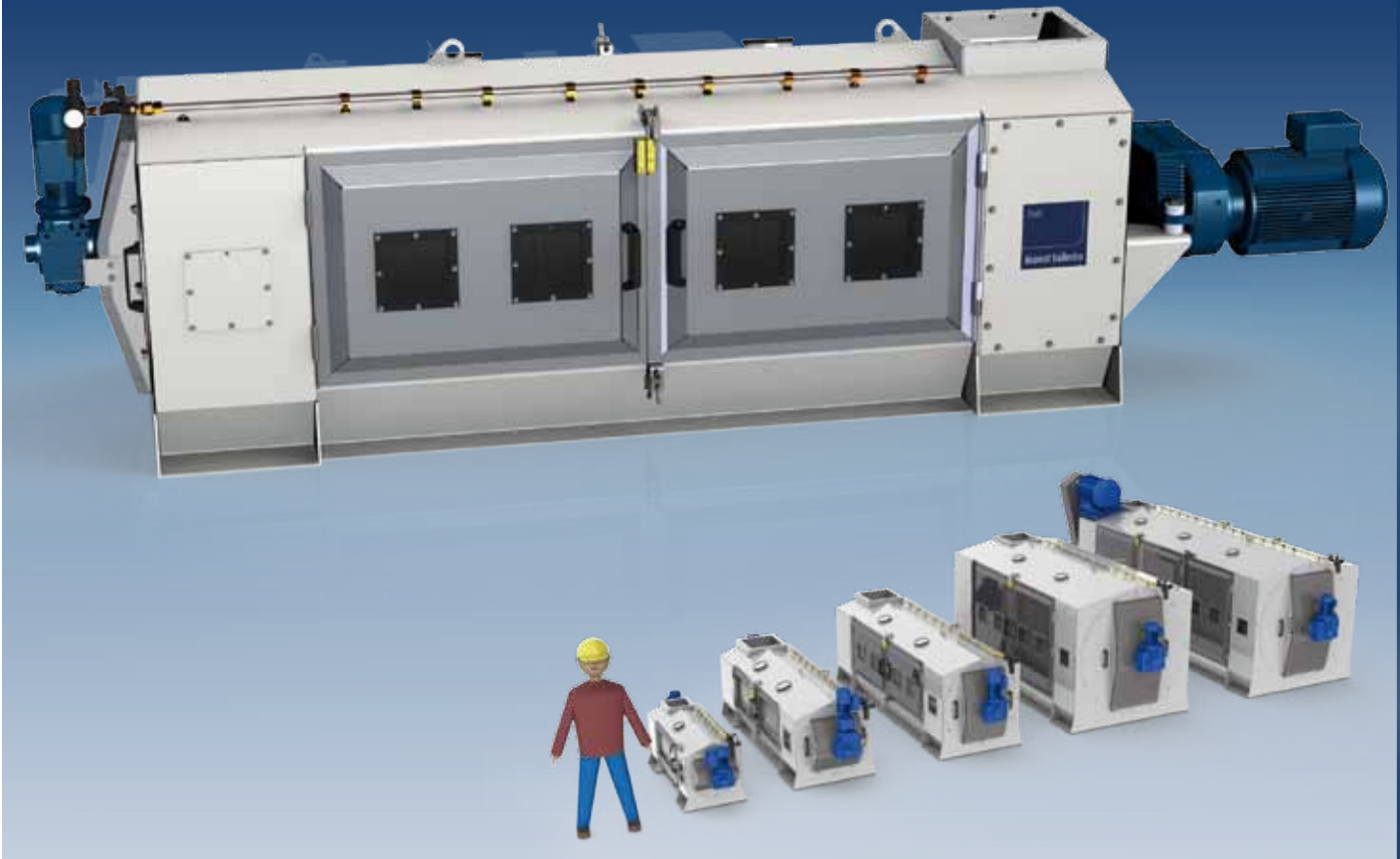


# Rotary sifters

## 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 lead STOLZ to design a range of high performance rotative sifters, called «turbosifter».

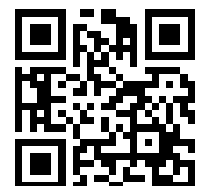
### Specifically designed for the separation of fine ground products

- 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 4 to 40 mesh

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# Rotary sifters Turbosifter

## Features and options

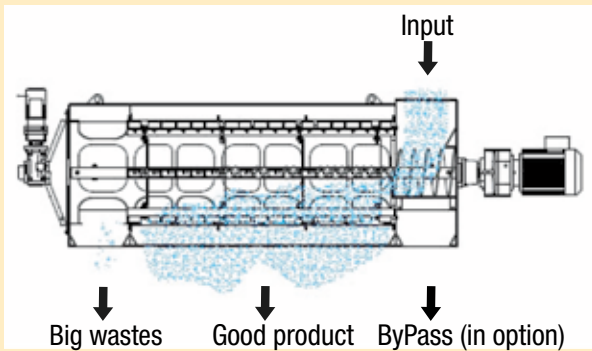
### Features

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

### Sieving products

- Various floury or pulverulent 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 – pharmaceuticals products - etc...
- Granular products like suger, rubber, plastic granulates, etc...

## Operating principle

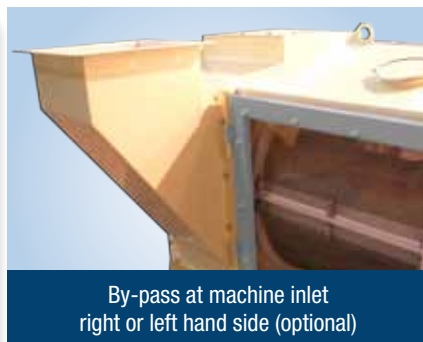


Input spout receive material to treat and a never-ending screw introduces them inside a fixed sift. A rotor with flaps dispatch products on the whole sift square and forced passing over holes or meshes. Rejects by rolling are carried along to exit, whereas small grains passed through sift.

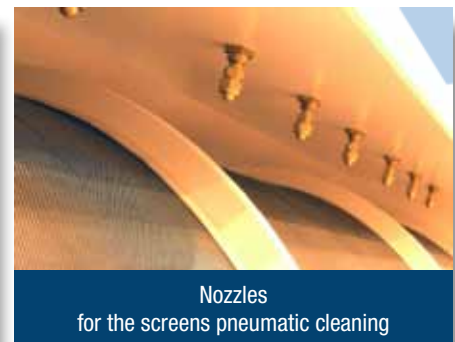
This sifter is fitted with a compressed air blowing system, allowing cleaning of screens at the end of each batch or every five minutes on difficult products.



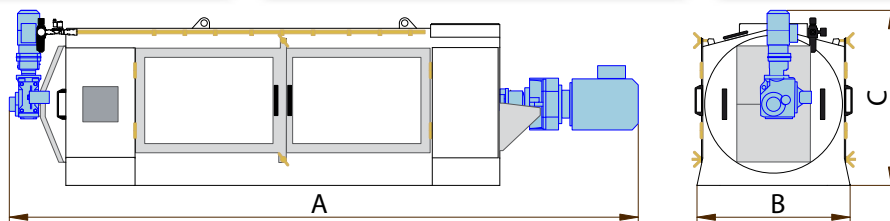
Rotor with pre-adjusted paddles



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



Nozzles for the screens pneumatic cleaning



Type	Dimensions (mm)			Rotor/Screens power (kW)	Mass (kg)	Effective area (m <sup>2</sup> )
	A	B	C			
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	15/0,37	1520	3,0
BCMT 1250	4100	1600	1400	18,5/0,37	3700	4,5
BCMT 1250+	4700	1600	2100	45/0,75	4500	7,0

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