

Super Rotor Sifter

General

A specially developed and patented vertical shaft construction, with two separate drives, combines eccentric and centrifugal movements for an optimum sifting result. The special steel-wire sieve fabric has 25% more throughput in comparison to perforated sheet. The refined concept has a low energy consumption and long maintenance intervals.

Advantages

- » Very compact dimensions.
- » No damage to pellets.
- » 25% more throughput area than perforated sheet.
- » Adjustable capacity.
- » Robust construction.
- » Low energy consumption.
- » Longer maintenance intervals.

Features

Single deck sifter

- » All components manufactured from mild steel.
- » Patented screen deck with screen wire.
- » Screen wire available in mesh widths from 1.9-8.6 mm, mesh width is your choice.
- » Lower frame with two drive motors:
 - » Electric motor with integrated frequency converter for centrifugal movement.
 - » Electric motor for eccentric, vibrating movement.
- » Large inspection hatches with safety switch.
- » Sifting chamber with screen deck, outlet for fines and product inlet and outlet.

Application:

- » Sifting of pellets.

Double deck sifter

- As single deck sifter, but in addition;
- » One extra upper screen deck with coarse screen wire with mesh width of 30 mm or bars.
 - » One lumps outlet.

Application:

- » Sifting of pellets.
- » Separating of lumps of pellets sticking together.



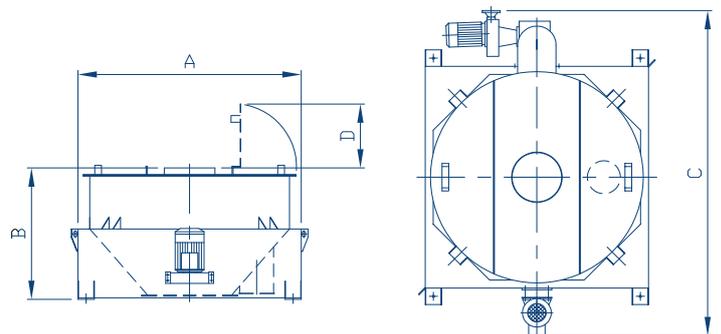
Change deck sifter

As single deck sifter, but in addition;

- » One extra upper screen deck with mesh widths from 1.9-8.6 mm, mesh width is your choice.
- » Electro-pneumatic cylinder with position detectors for screen deck selection.

Application:

- » Sifting of pellets.
- » With regular variation in pellet diameters (shortening of change-over time).



* The capacity is valid for pellets between \varnothing 4.0 and \varnothing 10 mm

Type	Capacity (t/h)*	Dimensions (mm)											
		Single Deck				Double deck				Change deck			
		A	B	C	D	A	B	C	D	A	B	C	D
SR 60	10	820	470	1340	226	1053	530	1340	116	820	620	1340	116
SR 100	30	1350	800	1980	389	1640	880	1980	711	1350	975	1980	289
SR 140	60	1736	885	2050	541	1941	1002	2050	746	1736	1092	2050	451
SR 200	120	2376	1278	2570	640	2728	1443	2570	640	2376	1541	2570	540

FEEDER SCREW

CONDITIONER

TCS - RTB

BOA COMPACTOR

PELLET MILL

COOLER

CRUMBLER

ROTOR SIFTER



PTN produces and develops high-quality, reliable machines. It strives to provide its customers with the following benefits through its products:

- » Higher yields.
- » Lower energy consumption.
- » Low maintenance requirements.
- » Access to state-of-the-art technology.

As a globally operating, specialized manufacturer of pelletisers and related machinery it is our ambition to expand to become the most respected professional OEM (Original Equipment Manufacturer).

Our strategy for achieving this ambition is to:

- » Expand and consolidate the global network of professional sales and service points.
- » Create a virtual and real image of professionalism, quality and innovation as well as a high level of standardisation and digital accessibility for strategic partners.
- » Transform technology, know-how and competences into technical and commercial added value.
- » Generate stable growth in sales and profit.



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