

CENTRIFUGAL SCREENER WM30 / WM30 DD

FOR THE CONTROL SCREENING OF MEALY AND GRANULAR PRODUCTS

- Pressure-rated design for the Inline-operation in pneumatic conveying systems
- Suitable for gravimetric or pressure and vacuum transfer lines



Fast and easy
screen exchange
without tools!



Special advantages of the WM30 DD:

- Fast and easy screen exchange without tools
- Glass bead blasted surface finish
- Inside housing is welded through completely
- Machine material in stainless steel AISI 304

Functional principle:

Rotating paddles generate centrifugal force, which presses the material through a stationary screen. Particles smaller than the screen mesh width surpass the screen whereas particles sizes larger than the mesh width pass on to the rough's outlet.

Through the centrifugal force and the generated vibrations, the screen jacket is keeps cleaned.

Design:

- Stainless steel housing with sturdy front plates on both sides
- Rotor shaft with paddle assembly and ball bearings
- Double shaft sealing rings
- Removable front plate including fast action clamps, safety switch and tilting mechanism
- Negative pressure reinforcement at discharge cone
- Butterfly valve DN150 pneumatically confirmed
- Flange socket and bagging spout with bag clamp
- Support frame with pipe construction AISI 304
- Connecting set for the intake pipe DN125
- Discharge hopper with outlet-pipe DN125
- Transmission with torsionally flexibl coupling
- Drive with 3-phase a.c. motor 3.0 kW; 400 V; 50 Hz
- DS motor: coated
- Optional dust explosion rated design (ATEX)

Output:

- Depending on product properties and mesh width
- Mesh width 600 - 4000 my
- Screen basket material: Nitex

Option:

- Sieve box made of perforated metal plate
- Rotorshaft including feeding screw incl. collection tray, removable without tools
- Inspection lid incl. safety switch and switching magnet
- Hygienic Design

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