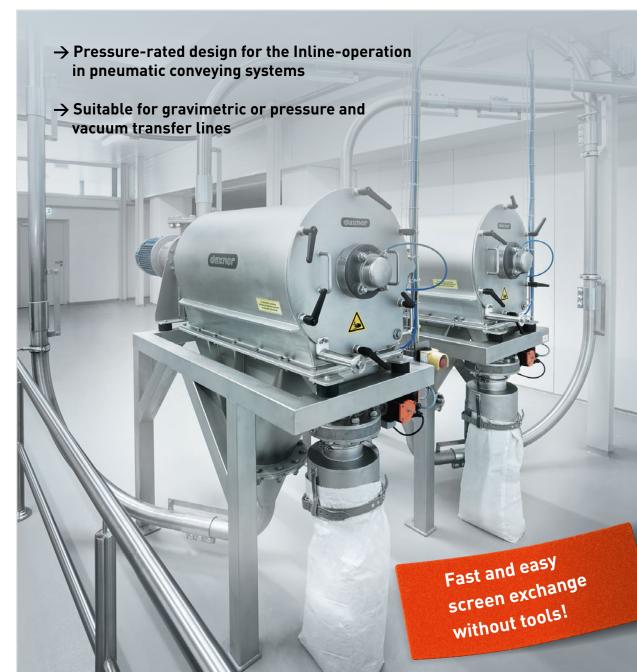


# CENTRIFUGAL SCREENER WM30 / WM30 DD

#### FOR THE CONTROL SCREENING OF MEALY AND GRANULAR PRODUCTS







## Special advantages of the WM30 DD:

- $\rightarrow$  Fast and easy screen exchange without tools
- ightarrow Glass bead blasted surface finish
- ightarrow Inside housing is welded through completely
- $\rightarrow$  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:**

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

### **Output:**

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

#### **Option:**

- ightarrow 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
- ightarrow Hygienic Design

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