



AVANTGARDE TECHNOLOGIES

Packing station for bulk materials AVANTECHNO F21 / F31

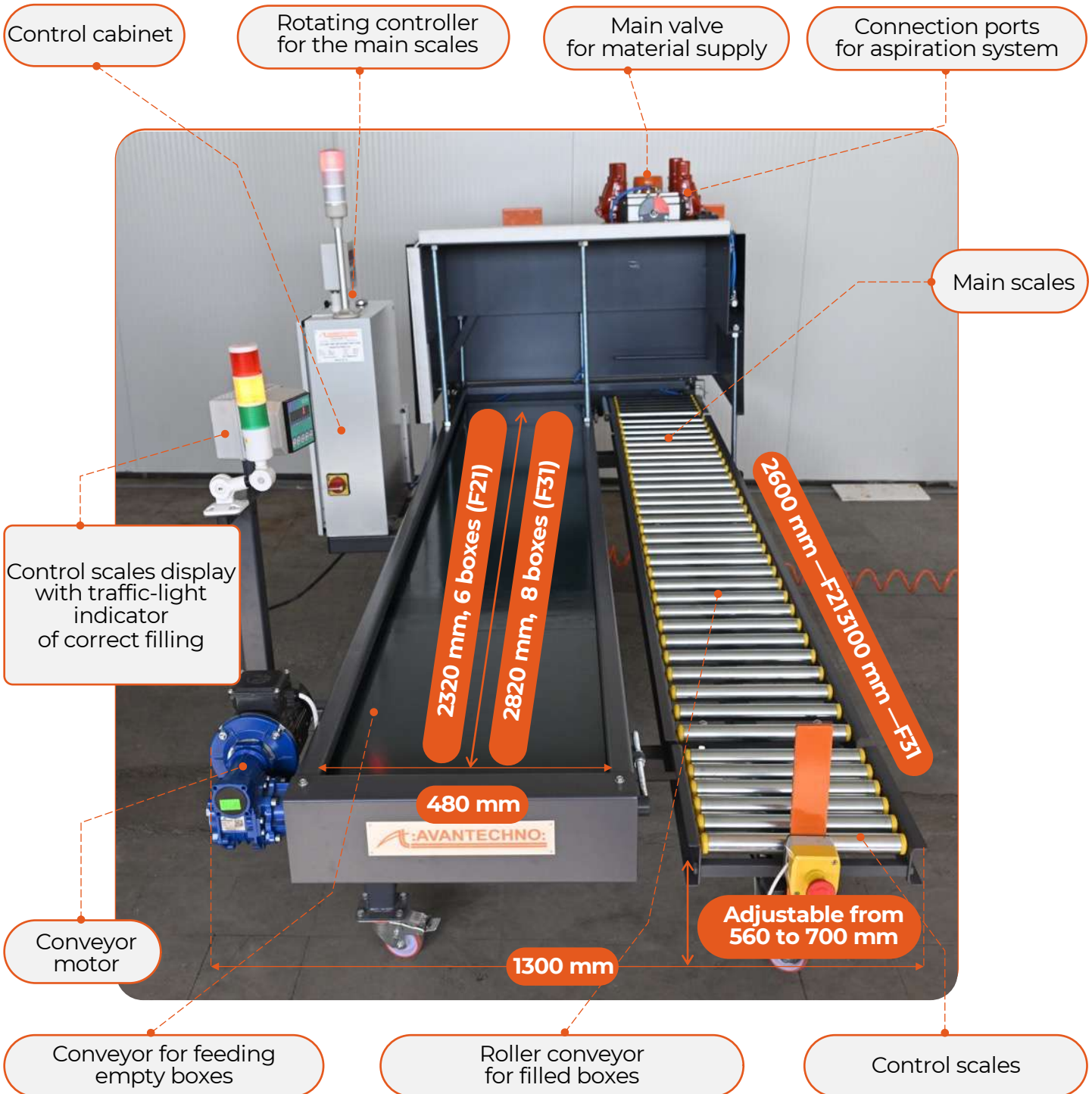


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Packing station AVANTECHNO F21/F31

Designed for dosing and packaging of powder coatings and other bulk materials into standard boxes 40*30*40 cm as a part of continuous production lines.



Station operation cycle:

- The required weight values are entered into the control panels of main scales and control scales
- Assembled empty boxes are placed on the conveyor
- The empty box is automatically fed under the dosing valve to the main scales
- The valve opens and the box is filled to the specified values
- When the set value is reached, the valve closes, the filled box is sent to the rollers by a pneumatic lever
- The next empty box is fed under the dosing valve and the cycle repeats
- The filled box reaches the control scales along the roller conveyor, the correctness of filling is checked according to the scales reading and the color of the traffic-light indicator

Design features and advantages



Control scales with traffic-light indication for correct filling



Rotating controller of the main scales



Valve position indicator



Improved aspiration connection system

Secondary start/stop control panel



Advanced automated line control system



Blowing system for prevention of sensors dusting



Improved design of the main scales



Improved design of the roller conveyor

Technical specifications

Overall dimensions (L/W/H) and weight
 model F21 - 2600 * 1300 * 1460...1600 mm, 290 kg
 model F31 - 3100 * 1300 * 1460...1600 mm, 315 kg

Conveyor length
 model F21 - 2320 mm, up to 6 boxes
 model F31 - 2820 mm, up to 8 boxes

Height of roller conveyor at operator's workplace (in control scale area)
 adjustable from 560 to 700 mm

Maximum performance
 up to 2000 kg / hour with constant flow of material

Power supply
 380V AC / 50 Hz / 0,25 kW

Maximum weight of the filled boxes
 50 kg

Standard box size
 40 * 30 * 40 cm



Limiter at the end of the roller conveyor

Emergency stop button at the operator's workplace



Adjustable line height from 560 mm to 700 mm



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Industrievertretungen