

NutraFlex

EASY SOLUTION
SEGMENTABLE **TABLET DEDUSTER**
WITH **METAL DETECTOR**



NutraFlex
ADVANCE BY TECHNOLOGY

The NutraFlex is a tablet deduster specially developed to meet the nutraceutical production needs. The solution brings together all the expertise from the pharmaceutical industry, while offering efficiency and cost-orientation for the nutraceutical market.

This unit is equipped with a transparent segmented spiral, giving a 360° view of the tablets process. The segments are made of Tritan Copolyester, which was chosen for its robustness and easy maintenance. The technology combining enlarged circumferential dust extraction channels and central air jets on the tablets provides a very efficient dedusting, while ensuring high throughput.

Utmost care has been taken to make it as user-friendly as possible, eliminating the need for tooling.

Polymer modular spiral



Optional 2-way diverter



- Efficient dedusting
- High output
- Robust FDA registered material
- cGMP compliance
- Ergonomic design
- Reliable operation
- Fast cleaning, easy validation
- Easy maintenance
- Small footprint

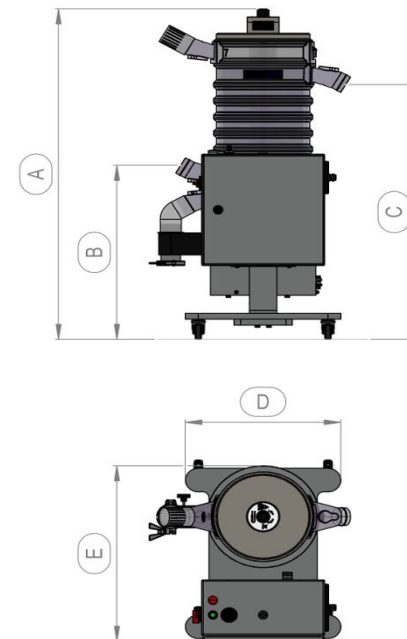


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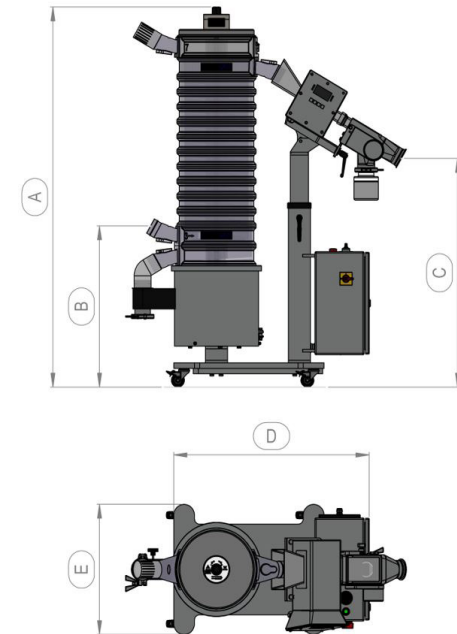
Technical data :	NutraFlex	NutraFlex with metal detector
Total height (A)	1125 mm	1510 mm
Inlet height (B)	595 mm	460 mm
Outlet height (C)	870 mm	725 mm
Floor dimensions (DxE)	600 mm x 480 mm	755 mm x 480 mm
Inlet chute	ISO DN 50 Flex Connect ©	ISO DN 50 Flex Connect ©
Outlet chute	ISO DN 50 Flex Connect ©	TC ISO 1127 DN 50
Packing	Box on 1 US pallet	Box on 1 US pallet
Net weight	150 kg	195 kg
Gross weight	170 kg	215 kg

Technical data :	NutraFlex
Minimum product size	Ø 4 mm
Maximum product size	Ø 25 mm
Conveying adjustment	Frequency / Voltage
Self emptying	Yes (without aspiration)
Requested air extraction	150 to 200 m³/h pressure drop 1500 to 2000Pa
Dust extraction connection	TC ISO 1127 DN 50
Requested compressed air	Min. 6 bar
Compressed air connection	QS6
Noise level (without product)	≤70 dB (A)
Power supply	110V / 230V
Frequency	50 Hz / 60 Hz
Polymer contact parts	FDA Tritan MX 711
Contact parts finishing	RA < 0,8 µm
Frame parts	Stainless steel 304
Frame finishing	Brushed 320
Frame mounted on wheels	Yes
IQ-OQ protocol	Available
Material certificates	Available
Metal detector	CEIA THS/PH21 EE
Head opening	100 x 40 mm
Accuracy stainless steel	0,50 mm
Accuracy non-ferro	0,35 mm
Accuracy ferro	0,30 mm
Speed examples :	
Round tablets Ø 6 mm x 3 mm	1 900 000 tabs/H
Round tablets Ø 8 mm x 3,5 mm	600 000 tabs/H
Round tablets Ø 13 mm x 4 mm	290 000 tabs/H
Shaped tablets 15 x 8 x 5 mm	300 000 tabs/H
Shaped tablets 15 x 8 x 5 mm	140 000 tabs/H

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NutraFlex with metal detector



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