

NutraFlex

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

PHARMA **TECHNOLOGY** 



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



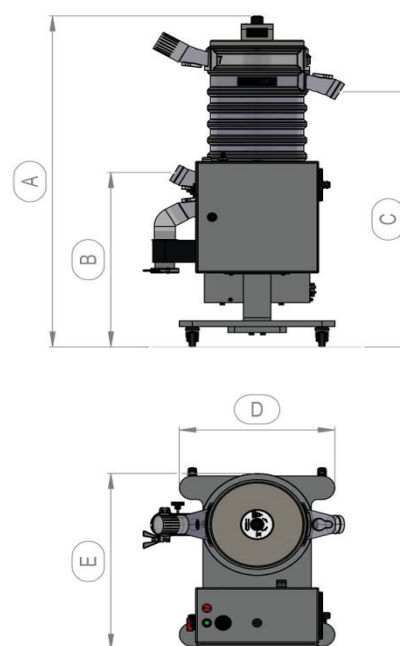
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Technical data :	NutraFlex	NutraFlex with metal detector
Total height (A)	1125 mm	1510 mm
Inlet height (B)	595 mm	460 mm
Outlet height (C)	870 mm	725 mm
Floor dimensions (DxE)	480 mm x 590 mm	1070 mm x 480 mm
Inlet chute	Flex Connect © (Ø56,3 mm)	Flex Connect © (Ø56,3 mm)
Outlet chute	Flex Connect © (Ø56,3 mm)	TC ASME BPE 2,5"
Packaging	Wooden Box	Wooden Box
Net weight	150 kg	195 kg
Gross weight	170 kg	215 kg

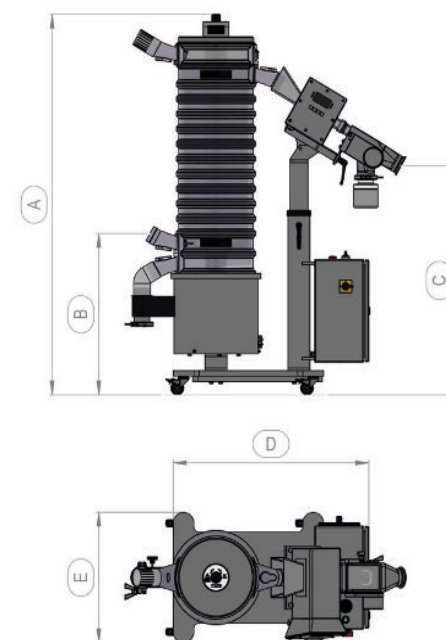
Technical data :	NutraFlex
Minimum product size	Ø 4 mm
Maximum product size	Ø 25 mm
Conveying adjustment	Vibration Intensity
Self emptying	Yes
Requested air extraction	Adjustable 150 - 200 m³/h - pressure drop 150 - 500 Pa
Dust extraction connection	TC ISO 1127 DN50
Requested compressed air	40 - 80 l/min - Min. 4,5 bar
Compressed air connection	Ø 6 mm
Noise level	<68 dB (A)
Power supply	110 V / 230 V ± 10 %
Frequency	50 Hz / 60 Hz
Non-Metallic Contact Parts	Tritan MX 711 - POM C - Silicone*
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 Ø6,6 x 2,8 mm	1 900 000 tabs/H
Round Ø8 x 3,5 mm	600 000 tabs/H
Round Ø13 x 4 mm	290 000 tabs/H
Shaped 15 x 7,6 x 4,7 mm	300 000 tabs/H
Shaped 21,4 x 10,4 x 7,7 mm	110 000 tabs/H

* Depending on options

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