

NutraTec

EASY SOLUTION

SEGMENTABLE STAINLESS STEEL **TABLET DEDUSTER**
WITH **METAL DETECTOR**

PHARMA **TECHNOLOGY** 



NutraTec
ADVANCE BY TECHNOLOGY

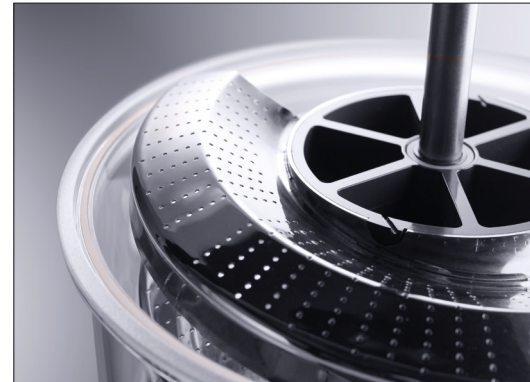
The NutraTec is a tablet deduster specially developed to meet the nutraceutical production needs. The solution brings together all the expertise from the pharmaceutical industry, while offering efficiency and cost-orientation for the nutraceutical market.

The unit offers a high level of robustness with its segmented 316L stainless steel spiral, as well as a direct view of the tablets process thanks to its fully transparent cover.

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.

316L Stainless steel spiral



Optional 2-way diverter



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



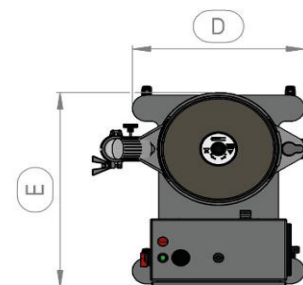
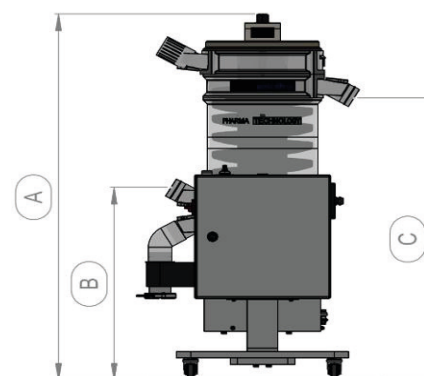
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Technical data :	NutraTec	NutraTec with metal detector
Total height (A)	1125 mm	1410 mm
Inlet height (B)	597 mm	597 mm
Outlet height (C)	870 mm	850 mm
Floor dimensions (DxE)	480 mm x 590 mm	1070 mm x 480 mm
Inlet chute	Flex Connect © (Ø56,3 mm)	Flex Connect © (Ø56,3 mm)
Outlet chute	Flex Connect © (Ø56,3 mm)	TC ASME BPE 2,5" (with MD)
Packaging	Wooden Box	Wooden Box
Net weight	160 kg	208 kg
Gross weight	180 kg	228 kg

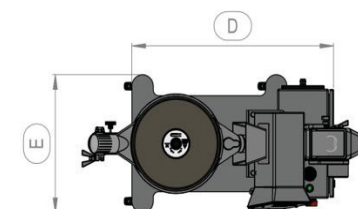
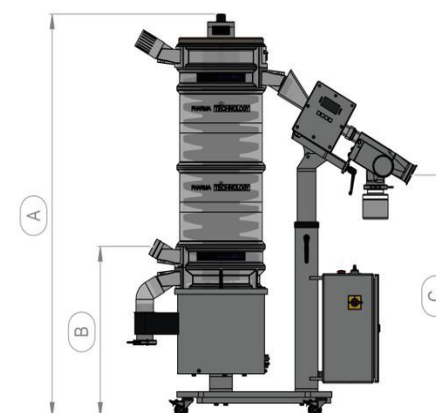
Technical data :	NutraTec
Minimum product size	Ø 4 mm
Maximum product size	Ø 25 mm
Conveying adjustment	Vibration Intensity
Self emptying	Yes
Requested air extraction	Adjustable 150 - 200 m³/h - pressure drop 150 - 500 Pa
Dust extraction connection	TC ISO 1127 DN 50
Requested compressed air	40 - 80 l/min - Min. 4,5 bar
Compressed air connection	Ø 6 mm
Noise level	<70 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	2 700 000 tabs/H
Round Ø8 x 3,5 mm	750 000 tabs/H
Round Ø13 x 4 mm	470 000 tabs/H
Shaped 15 x 7,6 x 4,7 mm	480 000 tabs/H
Shaped 21,4 x 10,4 x 7,7 mm	150 000 tabs/H

*Depending on options

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NutraTec with metal detector



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Rue Graham Bell 8
B-1402 Nivelles, BE
Tel: +32 67 70 13 00
info@pharmatec.be
www.pharmatec.be