

# NutraCaps

EASY SOLUTION  
VERTICAL UPHILL **CAPSULE POLISHER**  
WITH **METAL DETECTOR**

PHARMA **TECHNOLOGY** 



The NutraCaps is a capsule polisher 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 uses a rotating brush to convey, clean and efficiently polish capsules within few seconds. It is equipped with a unique dust extraction system, immediately separating any powder excess during the polishing process.

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

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

Optional 2-way diverter



Unique brush design



Optional Empty Capsule Eliminator (ECE)





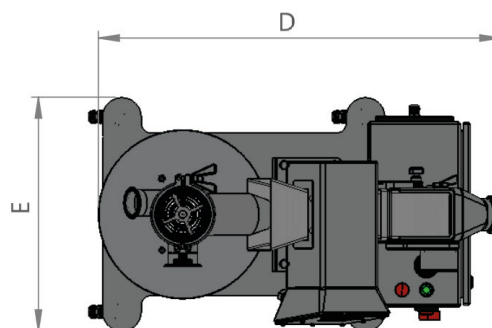
# PHARMA TECHNOLOGY

Technical data :	NutraCaps with metal detector	NutraCaps with ECE	NutraCaps with MD and ECE
Total height (A)	1506 mm	1506 mm	1506 mm
Inlet height (B)	459 mm	459 mm	459 mm
Outlet height	1011 mm	1027 mm	724 mm (C)
Floor dimensions (DxE)	755 mm x 480 mm *	755 mm x 480 mm *	755 mm x 480 mm *
Inlet chute	TC DIN 32676 DN50	TC DIN 32676 DN50	TC DIN 32676 DN50
Outlet chute	TC ASME BPE 2,5"	-	-
Packaging	Wooden Box	Wooden Box	Wooden Box
Net weight	145 Kg	110 Kg	155 Kg
Gross weight	165 Kg	130 Kg	175 Kg

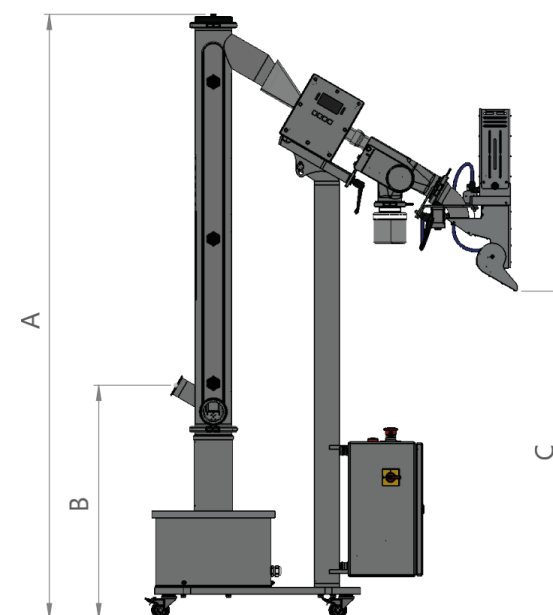
Technical data :	NutraCaps
Minimum product size	Caps 5
Maximum product size	Caps 000
Conveying adjustment	Brush Rotation Speed
Self emptying	Yes **
Requested air extraction	Adjustable 110 - 150 m³/h - pressure drop 150 - 2000 Pa
Dust extraction connection	TC ISO 1127 DN50
Compressed air connection	Ø 8 mm*
Requested compressed air (for ECE)	N/A or 350 l/min - Min. 4,5 bar *
Noise level (without product)	≤68 dB (A)
Power supply	110V ± 10 % or 230V ± 10 %
Frequency	50 Hz / 60 Hz
Non-Metallic Contact Parts	POM C - Nylon - 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
<b>Metal detector</b>	<b>CEIA THS/PH21 EE</b>
Head opening	100 x 40 mm
Accuracy stainless steel	0,50 mm
Accuracy non-ferro	0,35 mm
Accuracy ferro	0,30 mm
<b>Capacity / Speed examples :</b>	
Capsule T5	500 000 caps/H
Capsule T4	500 000 caps/H
Capsule T3	300 000 caps/H
Capsule T2	300 000 caps/H
Capsule T1	300 000 caps/H
Capsule T0	215 000 caps/H
Capsule T00	215 000 caps/H

\* Depending on options

**NutraCaps  
with MD - top view**



**NutraCaps  
with metal detector and ECE**



PHARMA TECHNOLOGY



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