

# NutraCaps

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

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)

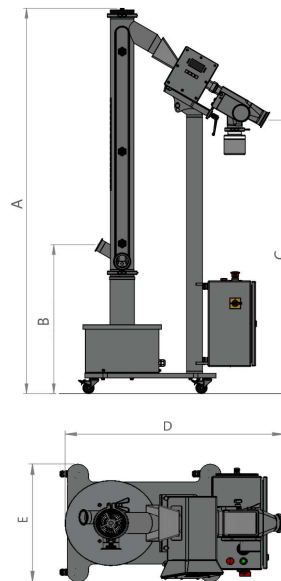




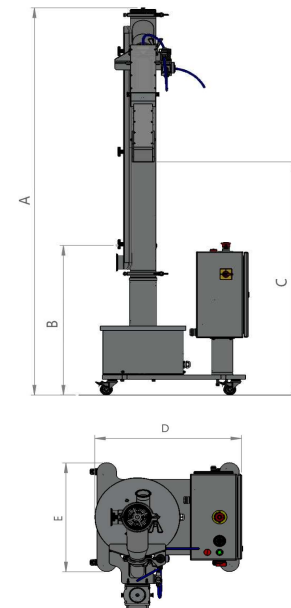
Technical data :	NutraCaps with metal detector	NutraCaps with ECE	NutraCaps with MD and ECE
Total height (A)	1706 mm	1706 mm	1706 mm
Inlet height (B)	660 mm	660 mm	660 mm
Outlet height (C)	1211 mm	1030 mm	924 mm
Floor dimensions (DxE)	830 mm x 480 mm	600 mm x 480 mm	1030 mm x 480 mm
Inlet chute	TC DIN 32676 DN 50	TC DIN 32676 DN 50	TC DIN 32676 DN 50
Outlet chute	TC ISO 1127 DN 50	-	-
Packing	Box on 1 US pallet	Box on 1 US pallet	Box on 1 US pallet
Net weight	145 Kg	110 Kg	155 Kg
Gross weight	165 Kg	130 Kg	175 Kg

Technical data :	NutraCaps
Minimum product size	T5
Maximum product size	T000
Conveying adjustment	Rotation speed
Self emptying	Yes
Requested air extraction	110 to 150 m³/h pressure drop 1100 to 2500Pa
Dust extraction connection	TC ISO 1127 DN 50
Compressed air connection (for ECE)	QS8
Requested compressed air (for ECE)	Min. 6 bar
Noise level (without product)	≤70 dB (A)
Power supply	110V / 230V
Frequency	50 Hz / 60 Hz
Polymer contact parts	FDA POM C
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
Capacity / Speed exemples :	
Capsule T5	250 000 caps/H
Capsule T4	250 000 caps/H
Capsule T3	200 000 caps/H
Capsule T2	200 000 caps/H
Capsule T1	200 000 caps/H
Capsule T0	180 000 caps/H
Capsule T00	180 000 caps/H

NutraCaps with metal detector



NutraCaps with ECE



NutraCaps with metal detector and ECE

