

# eCaps

SEGMENTABLE BRUSH **CAPSULE POLISHER**  
WITH **METAL DETECTOR**

PHARMA **TECHNOLOGY** 



The **eCaps** is based on a new generation of modular segments of 400mm. Each section includes a patented rotational brush, specifically designed to elevate, dedust and polish any size and shape of capsules, from 000 to 5.

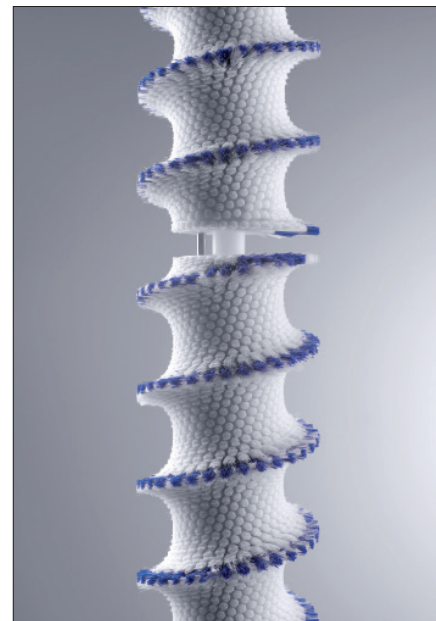
The modular design offers 3 different conveying heights: 1000 - 1400 - 1800mm and interchangeability between each polishing segment.

The patented technology combines a homogeneous vacuum flow on one side, which provides very high polishing performances, and a unique aspiration window design on the other, to ensure complete emptying of any type of capsule shape.

Utmost care has been taken to simplify the design in order to reduce the amount of parts to be assembled and disassembled, and to eliminate the need for tooling.

The eCaps is equipped with **Ceia metal detector**, and optionally with **Empty Capsule Eliminator (ECE)** and/or **2-way diverter**.

Patented segmentable brush

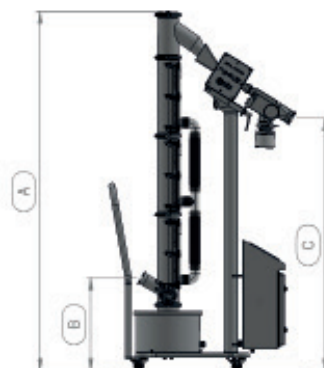


- Ergonomic
- Efficient
- Robust
- Reliable
- Total emptying with all capsules size/weight
- 3 different elevation heights
- Viewing windows to monitor process
- Optional ECE & 2-way diverter

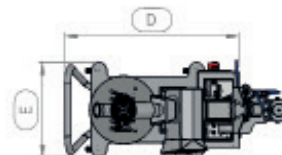
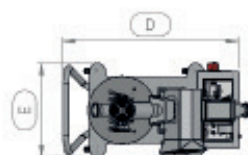
Technical data	eCaps 1000 CE	eCaps 1400 CE	eCaps 1800 CE
Total height (A)	1430 mm	1830 mm	2230 mm
Inlet height (B)	475 mm	475 mm	475 mm
Outlet height (C)	885 mm	1285 mm	1685 mm
Outlet height with ECE (F)	590 mm	990 mm	1390 mm
Floor dimensions (DxE)	895 mm x 480 mm	895 mm x 480 mm	895 mm x 480 mm
Net weight (+/- 5Kg)	140 kg	145 Kg	150 kg
Gross weight (+/-5Kg)	155 kg	160 Kg	165 kg

Technical data for all units	
Inlet chute	TC ISO 1127 DN 50
Outlet chute	TC ISO 1127 DN 50
Conveying adjustment	Rotation speed
Self emptying	Yes
Requested air extraction	110 to 150 m³/h pressure drop 1100 to 1500 Pa
Dust extraction connection	TC ISO 1127 DN 50
Requested compressed air	N/A
Compressed air connection	N/A
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
Packing	Box on 1 US pallet
Capacity / Speed :	Caps/hour
Capsules T5	250.000
Capsules T4	250.000
Capsules T3	200.000
Capsules T2	200.000
Capsules T1	180.000
Capsules T0	180.000
Metal detector :	Ceia THS/PH21 EE
Head opening	100 x 40 mm
Stainless steel 316L	0,50 mm
Non-ferro	0,35 mm
Ferro	0,30 mm

eCaps with metal check



eCaps with metal check & ECE



eCaps with optional Empty Capsule Eliminator (ECE)



ECE



2-ways diverter



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