



iCaps - Innovative Capsule Polisher

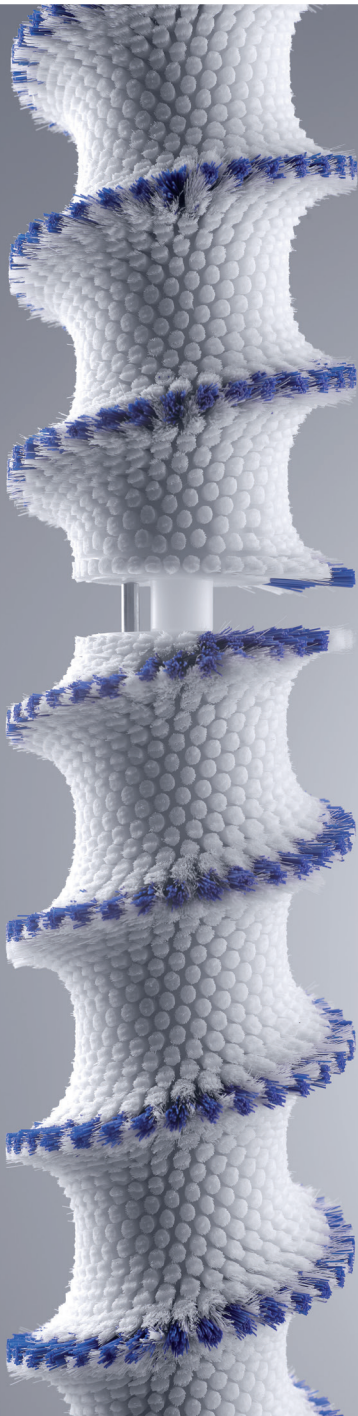
The iCaps range is based on a new generation of modular segments of 400mm. Each section includes a patented rotational brush, specifically designed to elevate, dedust and polish any size and shape of capsules, from 000 to 5. The modular design allows for adjustable height gain. Four different conveying heights are available from 1000 mm to 2200 mm.

A patented homogeneous vacuum flow channel combined with a product flow deflection ensures a very high level of dedusting and polishing performances. This new generation of unit ensures complete emptying of the unit in a few seconds with all types of capsules and weights.

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.

KEY BENEFITS

- Total emptying with all capsule formats and weight
- 4 elevation heights from 1000 mm to 2200 mm
- FDA-approved light components to handle and wash
- Ergonomic, Efficient, Robust, Reliable
- No risk of cross contamination
- Central HMI with OPC UA, CFR 21 Part 11 compliant



TECHNICAL SPECIFICATIONS

Minimum product size	T5
Maximum product size	T000
Conveying adjustment	Rotation speed
Self emptying	Yes
Requested air extraction	110 to 150 m ³ /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
Total height	1506 mm
Inlet height	459 mm
Outlet height (with metal detector)	1011 mm
Floor dimensions	± 830 mm x 480 mm
Inlet chute	TC DIN 32676 DN 50
Outlet chute (with metal detector)	TC DIN 32676 DN 50
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
Speed examples	
Capsules 5 - 4	250 000 caps/H
Capsules 3 - 2 - 1	200 000 caps/H
Capsules 0 - 00	180 000 caps/H