

eTec

EFFICIENT DEDUSTING SOLUTION
SEGMENTABLE **STAINLESS STEEL** TABLET DEDUSTER
WITH **METAL DETECTOR**

PHARMA **TECHNOLOGY** 



eTec 500CE

The eTec range is a tablet deduster based on a segmented 316L stainless steel spiral, offering a high degree of robustness.

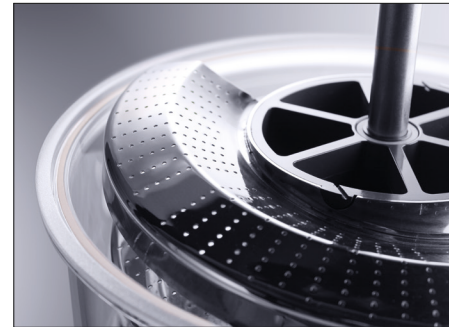
The cover is fully transparent and provides a direct view to tablets throughout the process.

This unit uses enlarged circumferential dust extraction channels and central air jets on the tablets, immediately separating any powder excess during the dedusting process.

It only takes seconds to convey the tablets to the deduster outlet and provide excellent dedusting efficiency.

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.

316L Stainless steel spiral



Optionnal 2 ways diverter



- Suitable for most high-speed tablet presses
- cGMP compliance
- Patented dust extraction solution
- Fast cleaning, easy validation
- Easy to maintain
- Small footprint

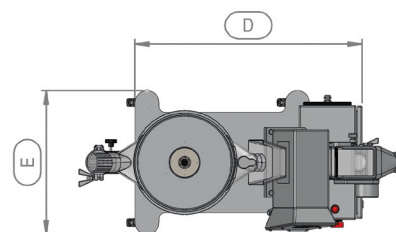
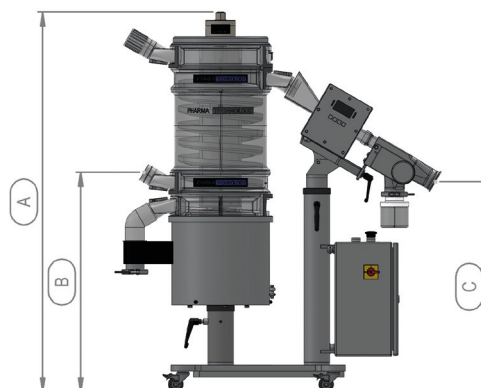


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Technical data :	eTec 250 CE Ceia THS/PH21 EE	eTec 250 Li Lock Insight	eTec 500 CE Ceia THS/PH21 EE	eTec 500 Li Lock Insight
Total height (A)	1267 mm - 1355 mm	1267 mm - 1355 mm	1542 mm - 1632 mm	1542 mm - 1632 mm
Inlet height (B)	735 mm - 822 mm	735 mm - 822 mm	735 mm - 822 mm	735 mm - 822 mm
Outlet height (C)	708 mm - 790 mm	708 mm - 795 mm	983 mm - 1072 mm	983 mm - 1075 mm
Floor dimensions (DxE)	590 mm x 480 mm	590 mm x 480 mm	590 mm x 480 mm	590 mm x 480 mm
Inlet chute dimensions	Flex Connect © (Ø56,3 mm)	Flex Connect © (Ø56,3 mm)	Flex Connect © (Ø56,3 mm)	Flex Connect © (Ø56,3 mm)
Outlet chute	TC ASME BPE 2,5	TC ISO 1127 DN50	TC ASME BPE 2,5	TC ISO 1127 DN50
Packaging	Wooden Box	Wooden Box	Wooden Box	Wooden Box
Netto weight	198 Kg	198 Kg	208 Kg	208 Kg
Brutto weight	218 Kg	218 Kg	228 Kg	228 Kg

* Depending on options

Technical data for all units:	eTec	
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	Lock Insight
Head opening	100 x 40 mm	98 x 35 mm
Accuracy stainless steel	Ø 0,50 mm	Ø 0,50 mm
Accuracy non-ferro	Ø 0,35 mm	Ø 0,35 mm
Accuracy ferro	Ø 0,30 mm	Ø 0,30 mm
Capacity / Speed exemples :	tablets / Hour	
Round Ø6,6 x 2,8 mm	2 700 000	
Round Ø8 x 3,5 mm	750 000	
Round Ø13 x 4 mm	470 000	
Shaped 15 x 7,6 x 4,7 mm	480 000	
Shaped 21,4 x 10,4 x 7,7 mm	150.000	



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