

eFlex

EFFICIENT DEDUSTING SOLUTION
SEGMENTABLE **POLYMER** TABLET DEDUSTER
WITH **METAL DETECTOR**

PHARMA **TECHNOLOGY** 



eFlex 500 CE

The eFlex range is a tablet deduster based on a new generation of segmented, modular spiral molded in Tritan Copolyester.

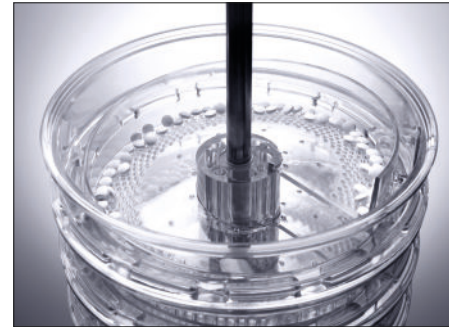
Each of the spiral segments can be removed individually for easy dismantling, cleaning, and validation, has a high degree of robustness, and is fully transparent. The clear segments provide a 360° direct view to the tablets throughout the process.

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.

Polymer modular spiral



Optionnal 2 ways diverter



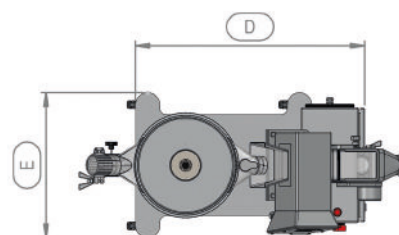
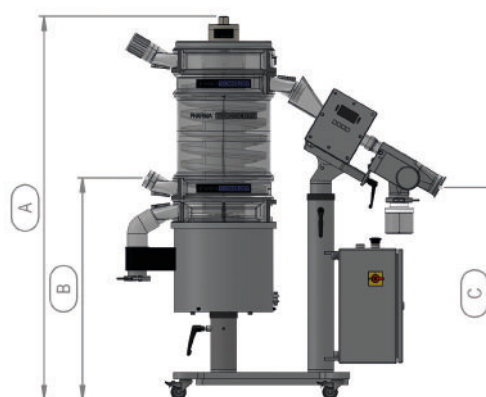
- Suitable for most high-speed tablet presses
- cGMP compliance
- FDA-certified high-tech polymer
- Patented dust extraction solution
- Ergonomic, efficient and reliable
- Fast cleaning, easy validation
- Easy to maintain
- Small footprint



Technical data :	eFlex 250 CE Ceia THS/PH21 EE	eFlex 250 Li Lock Insight	eFlex 500 CE Ceia THS/PH21 EE	eFlex 500 Li Lock Insight	eFlex 750 CE Ceia THS/PH21 EE	eFlex 750 Li Lock Insight
Total height (A)	1267 mm - 1355 mm	1267 mm - 1355 mm	1542 mm - 1630 mm	1542 mm - 1630 mm	1817 mm – 1890 mm	1817 mm – 1890 mm
Inlet height (B)	732 mm - 822 mm	732 mm - 822 mm	732 mm - 822 mm	732 mm - 822 mm	732 mm – 822 mm	732 mm – 822 mm
Outlet height (C)	708 mm - 790 mm	708 mm - 760 mm	983 mm - 1060 mm	983 mm - 1075 mm	1258 – 1332 mm	1258 – 1335 mm
Floor dimensions (DxE)	590 mm x 480 mm	590 mm x 480 mm	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)	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	TC ASME BPE 2,5"	TC ISO 1127 DN50
Packaging	Wooden Box	Wooden Box	Wooden Box	Wooden Box	Wooden Box	Wooden Box
Netto weight	190 kg	190 kg	195 kg	195 kg	210kg	210 kg
Brutto weight	210 Kg	210 Kg	215 Kg	215 Kg	230 Kg	230 Kg

* Depending on options

Technical data for all units:	eFlex	
Minimum product size	Ø 4 mm	
Maximum product size	Ø 25 mm	
Conveying adjustment	Vibration Intensity	
Self emptying	Yes (without aspiration)	
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	≤68 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 :		
Round Ø6,6 x 2,8 mm [tabs/h]	1 900 000 tabs/H	
Round Ø8 x 3,5 mm [tabs/h]	600 000 tabs/H	
Round Ø13 x 4 mm [tabs/h]	290 000 tabs/H	
Shaped 15 x 7,6 x 4,7 mm [tabs/h]	300 000 tabs/H	
Shaped 21,4 x 10,4 x 7,7 mm [tabs/h]	110.000 tabs/H	



eFlex 250 Li