

ECONO FLEX

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

PHARMA **FLEX** 

SAFELINE
Metal Detection



ECONO FLEX 250 ST

The ECONO FLEX 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.

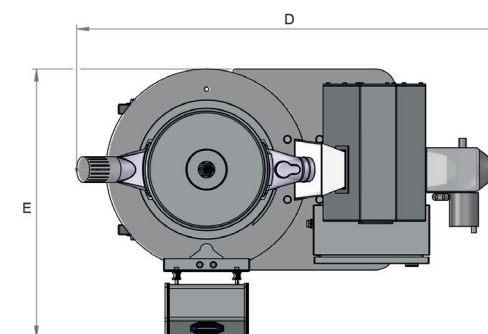
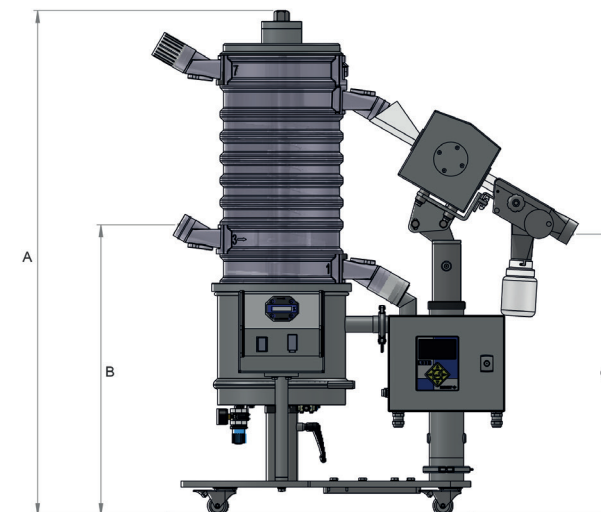
Utmost care has been taken to simplify the design in order to reduce the amount of parts to be assembled and disassembled, and to eliminate the need for tooling.

ECONO FLEX 250 LI



- 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
- Minimum floor space utilisation

Technical data :	ECONO FLEX 250 with metal detector		ECONO FLEX 500 with metal detector	
Metal detector	Lock Insight	Safeline Tablex MI800	Lock Insight	Safeline Tablex MI800
Total height (A)	1258 - 1348 mm	1256 - 1346 mm	1524 - 1614 mm	1524 - 1614 mm
Inlet height (B)	720 - 810 mm	724 - 814 mm	720 - 810 mm	720 - 810 mm
Outlet height (C)	701 - 791 mm	670 - 760 mm	968 - 1058 mm	936 - 1026 mm
Floor dimensions (DxE)	1064 x 670 mm	1129 x 670 mm	1077 x 627 mm	1129 x 670 mm
Outlet chute	Pipe ISO DN 50	Tri-Clamp ISO DN 50	Pipe ISO DN 50	Tri-Clamp ISO DN 50
Inlet chute dimensions	Flex Connect ISO DN 50		Flex Connect ISO DN 50	
Minimum product size	Ø 4 mm		Ø 4 mm	
Maximum product size	Ø 25 mm		Ø 25 mm	
Conveying speed	Adjustable		Adjustable	
Tablet conveying time	+/- 40 sec.		+/- 60 sec.	
Requested air extraction	120 - 150 m³/h - WS 200 mm		120 - 150 m³/h - WS 200 mm	
Ø Dust extraction connection	Tube DN 40		Tube DN 40	
Noise level (dB)	Max. 72 dB		≤68 dB (A)	
Power supply	110V / 230V		110V / 230V	
Power cycle	50 Hz / 60 Hz		50 Hz / 60 Hz	
Polymer contact parts	FDA Copolyester		FDA Copolyester	
SS Contact parts finishing	Mirror finish RA < 0,5 µm		Mirror finish RA < 0,5 µm	
SS Contact parts welding	Continuous TIG welding		Continuous TIG welding	
Frame parts	Stainless steel 304		Stainless steel 304	
Frame finishing	Brushed 320		Brushed 320	
Frame mounted on wheels	Yes		Yes	
IQ-OQ protocol	Available		Available	
Packaging	Box on 1 euro pallet		Box on 1 US pallet	
Netto weight	+/- 135 Kg		+/- 140 Kg	
Brutto weight	+/- 155 Kg		+/- 160 Kg	
Metal detector	Lock Insight	Safeline Tablex	Lock Insight	Safeline Tablex
Head opening	95 x 38 mm	95 x 38 mm	95 x 38 mm	95 x 38 mm
Accuracy stainless steel	Ø 0,50 mm	Ø 0,50 mm	Ø 0,50 mm	Ø 0,50 mm
Accuracy non-ferro	Ø 0,35 mm	Ø 0,40 mm	Ø 0,35 mm	Ø 0,40 mm
Accuracy ferro	Ø 0,30 mm	Ø 0,30 mm	Ø 0,30 mm	Ø 0,30 mm
Capacity / Speed exemples :				
Round tablets Ø 6 mm x 3 mm	1 900 000 tabs/H		1 900 000 tabs/H	
Round tablets Ø 8 x 3,5 mm	600 000 tabs/H		600 000 tabs/H	
Round tablets Ø 13 x 4 mm	290 000 tabs/H		290 000 tabs/H	
Shaped tablets 15 x 8 x 5 mm	300 000 tabs/H		300 000 tabs/H	
Shaped tablets 21 x 10 x 7 mm	140.000 tabs/H		140.000 tabs/H	



PHARMA  TECHNOLOGY

Rue Graham Bell 8
B-1402 Thines (Nivelles)
Belgium

Tel: +32 67 70 13 00

E-Mail: info@pharmatec.be - Web site: www.pharmatec.be