

The Tablets Deduster

The DV

Pharma Technology's newest vertical deduster allows dedusting and deburring any type of tablets. Stepless vibration creates a vertical ascension of the products. The deduster's height can vary between 250 mm and 1200 mm in direct relation with the outlet height required. The spiral enabling ascending movement of the tablets has been achieved in 316L stainless steel and TIG continuous welding. This equipment uses a new principle of dust extraction, immediately separating any powder excess during the dedusting process. At the concept, an utmost care has been taken concerning the noise level as well as achievement following highest GMP standards. The clean-up is easy, not requiring any tooling. Equipments are available in pearl glass or mirror finishing.

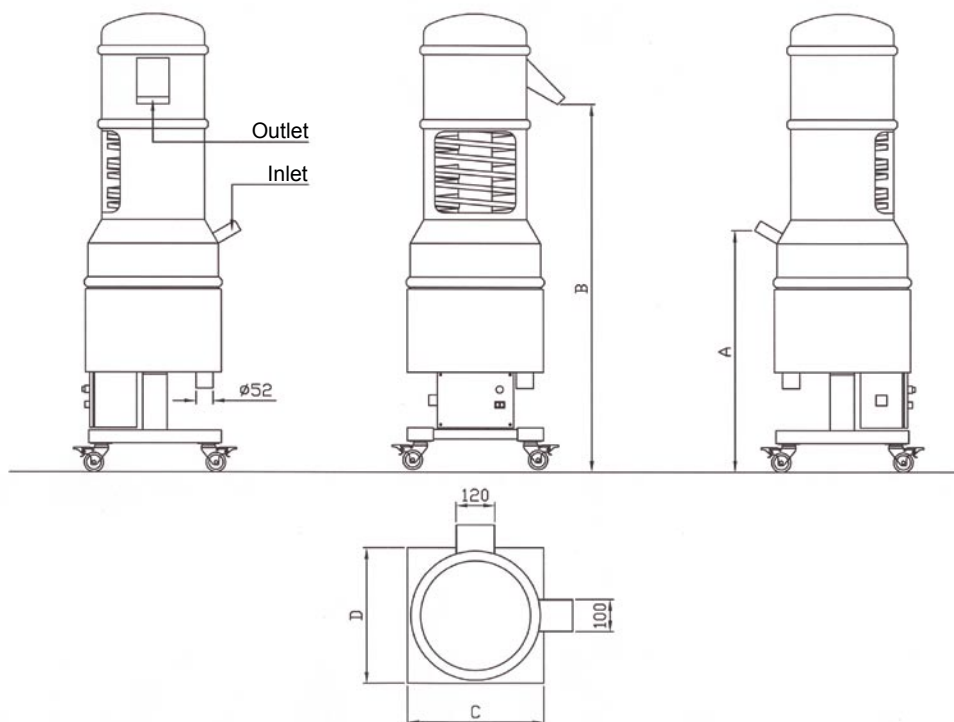


Advantages

- Lift the products during the process
- New dust extraction concept
- Minimum floor utilisation
- Low noise release
- Continuous TIG welding
- Quick dismantling - assembling
- IQ/OQ validation protocol available

Solutions

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Technical data:	DV 250	DV 500	DV 750	DV 1000	DV 1200
Adjustable inlet height (A)	730 - 820mm	730 - 820 mm	740 - 830 mm	740 - 830 mm	740 - 830 mm
Outlet height (B)	890 - 980 mm	1120 - 1210 mm	1370 - 1460 mm	1670 - 1760 mm	1860 - 1950 mm
Floor dimensions (C) x (D)	420 x 420 mm	420 x 420 mm	500 x 500 mm	500 x 500 mm	500 x 500 mm
Inlet chute dimensions	120 x 35 mm	120 x 35 mm	120 x 35 mm	120 x 35 mm	120 x 35 mm
Outlet chute	100 x 30 mm	100 x 30 mm	100 x 30 mm	100 x 30 mm	100 x 30 mm
Minimum tablet size	Ø 4 mm	Ø 4 mm	Ø 4 mm	Ø 4 mm	Ø 4 mm
Maximum tablet size	Ø 25 mm	Ø 25 mm	Ø 25 mm	Ø 25 mm	Ø 25 mm
Conveying speed	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Tablets conveying time	+/- 45 sec	+/- 60 sec	+/- 90 sec	+/- 120 sec	+/- 140 sec
Requested air extraction	200 m³/H - WS 200 mm	200 m³/H - WS 200 mm	200 m³/H - WS 200 mm	200 m³/H - WS 200 mm	200 m³/H - WS 200 mm
Ø dust extraction connection	Ø 52 mm	Ø 52 mm	Ø 52 mm	Ø 52 mm	Ø 52 mm
Noise level (Db)	Max. 75 Db	Max. 75 Db	Max. 75 Db	Max. 75 Db	Max. 75 Db
Power supply	230V AC / 110V AC	230V AC / 110V AC	230V AC / 110V AC	230V AC / 110V AC	230V AC / 110V AC
Power cycle	50 HZ / 60 HZ	50 HZ / 60 HZ	50 HZ / 60 HZ	50 HZ / 60 HZ	50 HZ / 60 HZ
Contact parts	Stainless steel 316L	Stainless steel 316L	Stainless steel 316L	Stainless steel 316L	Stainless steel 316L
Contact parts finishing	Mirror finish >0,2 µm	Mirror finish >0,2 µm	Mirror finish >0,2 µm	Mirror finish >0,2 µm	Mirror finish >0,2 µm
contact parts welding	Continuous TIG welding	Continuous TIG welding	Continuous TIG welding	Continuous TIG welding	Continuous TIG welding
Frame parts	Stainless steel 304	Stainless steel 304	Stainless steel 304	Stainless steel 304	Stainless steel 304
Frame finishing	Mirror finish	Mirror finish	Mirror finish	Mirror finish	Mirror finish
Frame mounted on wheels	Yes	Yes	Yes	Yes	Yes
IQ - OQ protocol	Available	Available	Available	Available	Available
Packaging	box on 1 euro palet	box on 1 euro palet	box on 1 US palet	box on 1 US palet	box on 1 US palet
Netto weight	75 Kg	90 Kg	105 Kg	120 Kg	135 Kg
Brutto weight	120 Kg	135 Kg	150 Kg	165 Kg	180 Kg
Capacity / Speed exemples :					
Round tablets Ø 5 mm	2 000 000 tabs/H	2 000 000 tabs/H	2 000 000 tabs/H	2 000 000 tabs/H	2 000 000 tabs/H
Round tablets Ø 8 mm	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H
Round tablets Ø 13 mm	320 000 tabs/H	320 000 tabs/H	320 000 tabs/H	320 000 tabs/H	320 000 tabs/H
Shaped tablets 8mm x 4mm	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H	500 000 tabs/H
Shaped tablets 19mm x 7mm	150 000 tabs/H	150 000 tabs/H	150 000 tabs/H	150 000 tabs/H	150 000 tabs/H

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