Deduster KD7010



Krämer
SWISS MADE
www.kraemerag.com

Features

- **Dust-tight** window
- **Quiet** operation < 68 dB
- Featuring an **acceleration sensor** that assures constant vibration, independent of the load / amount of tablets in the deduster
- **Optimum viewing** of tablet movement with pivoting and fully removable window
- Easy **height adjustment**, full 360° **freedom of rotation** at tablet inlet
- **Vibration-free** housing, patented drive unit
- **Compact** design, minimum footprint
- Easy **assembly** and **disassembly**, no tools are needed
- Easy to **clean**

Deduster model KD7010

- Upward conveying range of 250–1500 mm
- Conveying of tablets of 3–25 mm diameter, and capsules

Design

- Constructed according to GMP specifications
- Upward conveying of tablets/capsules generated by continuously adjustable vibration
- The process can be monitored visually at all times through a large acrylic window
- The device outlet can be fitted with peripherals such as metal detectors, diverter switches, slides etc.
- The outlet can be rotated 360° facing the inlet. The deduster is therefore adjustable to the tablet press discharge configuration.

Deburring and dedusting

- Dust agitation system efficiently removes dust particles from tablets
- Dust agitation system is an optimized combination of blown air and vacuum dust extraction

Features

- A patented suspension system based on counterweights eliminates vibration of the housing
- For cleaning the deduster can be disassembled easily and without tools by a single person
- Low maintenance
- Ex Atex Certification II 3/-D 140°



Option:
Product Diverter V2000



Pivoting and fully removable Window



Option:
Various helix surfaces available on request

Deduster Type	KD7010 -	250	500	750	1000	1250	1500
Dimensions							
Weight	kg	55	66	75	81	92	98
Outlet height	mm	980 – 1165	1240 – 1425	1240 – 1425	1240 – 1425	1240 – 1425	1240 – 1425
Inlet height	mm	715 – 900					
Conveying height	mm	256	525	750	1040	1295	1590
Tablet inlet/outlet diameter	TC	ISO DN 50					

Technical Data		
Power supply 100 – 240 V, 50 / 60 Hz		
Maximum current	A	1
Compressed air (p = 1.5 – 2 bar)	l/min	50 – 100
Air extraction (pu = 10 – 20 mbar)	m^3/h	100 – 250
Noise emission at 1 m distance	dB(A)	< 68
Protection rating of drive unit		IP50

Conveying Capacity (all conveying ranges))		
Round Ø 4.8 x 2.3 mm	tablets / hour	3‘500‘000
Round Ø 9.1 x 3.2 mm	tablets / hour	1‘300‘000
Round Ø 12.1 x 3.7 mm	tablets / hour	410‘000
Round Ø 16 x 4 mm	tablets / hour	280‘000
Round Ø 23.4 x 5.7 mm	tablets / hour	103‘000
Round Ø 25 x 7 mm	tablets / hour	68‘000
Oblong 16.3 x 7.6 x 5.7 mm	tablets / hour	425‘000
Capsules 19.5 x 7 mm, No. 1	capsules / hour	448‘000

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