

Deduster KD7030

 Krämer



Features

- Highest **conveying capacities**
- **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 KD7030

- Conveying of tablets of 3–35 mm diameter, and capsules
- Conveying capacity/throughput (per hour):
 - 90'000 (round tablet Ø 26.3 x 7 mm)
 - 1'800'000 (round tablet Ø 9.1 x 3.2 mm)
 - 6'300'000 (round tablet Ø 4.8 x 2.3 mm)
 - 770'000 (oblong 16.3 x 7.6 x 5.7 mm)

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



Option:
Product Diverter V2000



Pivoting and fully
removable Window



Option:
Various helix surfaces
available on request

Deduster Type	KD7030	
Dimensions		
Weight	kg	63 – 112
Outlet height	mm	1160 – 2560
Inlet height	mm	725 – 910
Conveying height	mm	400 – 1600
Tablet inlet diameter	DIN	Tri-Clamp 3"
Technical Data (all conveying ranges)		
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)	m3/h	100 – 250
Noise emission at 1 m distance	dB(A)	< 68
Protection rating of drive unit	IP50	

