

Deduster KD7030



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

- Upward conveying range of 400–1600 mm
- Conveying of tablets of 3–35 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
-  Atex Certification II 3/D 140°



 
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Option:
Product Diverter V2000



Pivoting and fully
removable Window



Option:
Various helix surfaces
available on request

Deduster Type	KD7030 -	400	800	1200	1600
Dimensions					
Weight	kg	67	81	96	110
Outlet height	mm	1165 – 1350	1565 – 1750	1970 – 2155	2375 – 2560
Inlet height	mm	725 – 910			
Conveying height	mm	440	840	1245	1650
Tablet inlet/outlet diameter	TC	ISO DN 65			

Technical Data

Power supply	100 – 240 V, 50 / 60 Hz
Maximum current	A 1
Compressed air (p = 1.5 – 2 bar)	l/min 100 – 200
Air extraction (pu = 10 – 20 mbar)	m ³ /h 150 – 350
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	6'300'000
Round Ø 9.1 x 3.2 mm	tablets / hour	1'800'000
Round Ø 12.1 x 3.7 mm	tablets / hour	574'000
Round Ø 16 x 4 mm	tablets / hour	378'000
Round Ø 23.4 x 5.7 mm	tablets / hour	140'000
Round Ø 25 x 7 mm	tablets / hour	95'000
Oblong 16.3 x 7.6 x 5.7 mm	tablets / hour	770'000
Capsules 19.5 x 7 mm, No. 1	capsules / hour	816'000