

Deduster KD6010



Krämer

Features

- Improved **dedusting and deburring capabilities** thanks to optimized combination of vibration, dust agitation, air and vacuum suction
- Featuring an **acceleration sensor** that assures constant vibration, independent of the load / amount of tablets in the deduster
- Very high **conveying capacity**
- 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 KD6010

- Conveying of tablets of 3–25 mm diameter, and capsules
- Conveying capacity/throughput (per hour):
 - 68'000 (round tablet Ø 25 x 7 mm)
 - 1'300'000 (round tablet Ø 9.1 x 3.2 mm)
 - 3'500'000 (round tablet Ø 4.8 x 2.3 mm)
 - 425'000 (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
- Integrated acceleration sensor allows constant flow of tablets under various load conditions
- The outlet can be rotated 360 independent of the inlet. The deduster is easily adjustable to various tablet press discharge configurations.

Deburring and dedusting

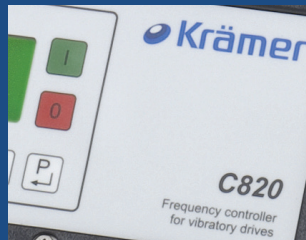
- Dust agitation system efficiently removes dust particles from tablets
- Dust agitation system is an optimized combination of blown air and vacuum dust extraction

Features

- Patented drive unit utilizing counterweights eliminates vibration of the housing
- Deduster on telescopic column: flexible inlet height
- Low maintenance



Dust agitation system



Controller featuring an acceleration sensor



Option: Various helix surfaces available on request

Deduster Type	KD6010	
Dimensions		
Weight	kg	75
Outlet height	mm	990 – 1235
Inlet height	mm	715 – 960
Conveying height	mm	250
Tablet inlet diameter	mm	60.3 x 2
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)	m3/h	100 – 250
Noise emission at 1 m distance	dB(A)	< 70
Protection rating of drive unit	IP50	

