

Deduster KD7035 Combined Unit



Features

- Highest **conveying capacities**
- Control of deduster, metal detector and diverter with **one touch-screen**
- **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

Deduster model KD7035

- Upward conveying range of 400–1600 mm
- Conveying of tablets of 3–35 mm diameter, and capsules

Features

- Compact combination of deduster and metal detector
- Flexible use (on left or right side of tablet press / capsule filling facility)
- Deduster on telescopic column: flexible inlet height
- Required floor area: 600 x 700 mm
- Drive unit protection rating: IP50
- Atex Certification II 2D/- Db 200 °C

Metal detector Type: Ceia THS/PH21N

Spherical Sensitivity of aperture 100 x 40 mm:

- Ferrous (Fe): 0.25 mm
- Non-Ferrous (70Cu30Zn): 0.30 mm
- Stainless Steel (AISI316): 0.40 mm

Metal detector Type: Lock Insight

Spherical Sensitivity of aperture 95 x 38 mm:

- Ferrous (Fe): 0.30 mm
- Non-Ferrous (70Cu30Zn): 0.35 mm
- Stainless Steel (AISI316): 0.50 mm



Krämer
www.kraemerag.com



Option:
Product Diverter V4000



Pivoting and fully
removable Window



Option:
Dust-tight connection

| Deduster Type | KD7035 - | 400 | 800 | 1200 | 1600 |
|-------------------------------|----------|------------------|-------------|-------------|-------------|
| Dimensions | | | | | |
| Weight* | kg | 150 | 164 | 179 | 193 |
| Outlet height* | mm | 820 – 1005 | 1225 – 1410 | 1630 – 1815 | 2035 – 2220 |
| Inlet height | mm | 725 – 910 | | | |
| Conveying height* | mm | 95 | 500 | 905 | 1310 |
| Tablet inlet/outlet diameter* | TC | ISO DN 65 / 2.5" | | | |

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 |

* depends on brand of metal detector
(values shown for Ceia)

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 |