

Diverter V4000 / V5000



Krämer
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Features

- **Diverter positions (2 - 12 outlets)** and divert sequence can be defined according to customers need
- Can be integrated with **tablet deduster** or **capsule polisher** and operated from the deduster touchscreen or by remote control of stand-alone version
- **Sample collection containers** or **In-Process-Control (IPC)** can be integrated to a discharge location
- **V5000** available as **DT (Dust-Tight)** and **WIP (Wash-in-Place)** solution
- Easy **assembly** and **disassembly**, no tools are needed
- Easy to **clean**

Diverter V4000 / V5000

- Available with conveying heights of 1000 mm and taller
- Suitable for tablet diameters of 3 – 35 mm

Design

- Designed according to cGMP specifications
- Large see through cover allows for easy viewing of the process
- The inlet can be rotated 360°
- Brushless electric motor integrated in the diverter holder
- Non-contact monitoring of tablet jam at the diverter inlet
- Also available as stand-alone solution

Features

- Various configuration options of the diverter positions
- Fail-safe position monitoring
- Atex Certification II 2D/- Db 140 °C
- High-Containment OEB 5 < 1 µg/m³ (V5000 only)

Control mode

- Can be controlled by tablet count of the tablet press or capsule filling machine
- Automatic diverting by preset time interval through the Krämer HMI
- Manual pushbutton switching through the Krämer HMI

Inlet und Outlets

- Round inlet with 30° inclination
- Optional: Outlet hoses made of PU
- Optional: Outlet pipes made of AISI316
- Various other options available upon request



Outlet can be supplied with hose connectors or triclamp flanges



Jam sensor before diverter system and wash nozzles



Option: Customized hoses or tubes to suit the application specific collection container spacings or hoses

Diverter Type	V4000	V5000
Dimensions		
Weight*	kg 10 – 15	10 – 15
Height	mm 285	285
Diameter	mm 468	468
Number of outlets	2 – 12	2 – 12
Tablet inlet/outlet connection	TC 2.5" / Ø 60	TC 2.5" / DN50

Technical Data

Power supply	VDC	24
Maximum current	A	1.7
Protection rating of drive unit		IP65
Water consumption	l/min	32

*Depends on number of outlets and optional versions

Throughput

Round Ø 4.8 x 2.3 mm	tablets / hour	2'600'000
Round Ø 9.1 x 3.2 mm	tablets / hour	1'000'000
Round Ø 12.1 x 3.7 mm	tablets / hour	308'000
Round Ø 16 x 4 mm	tablets / hour	210'000
Round Ø 23.4 x 5.7 mm	tablets / hour	78'000
Round Ø 25 x 7 mm	tablets / hour	51'000
Oblong 16.3 x 7.6 x 5.7 mm	tablets / hour	318'000
Capsules No. 1 - 4	capsules / hour	300'000
Capsules No. 00 - 0	capsules / hour	250'000