

# Deduster E2000

E2000S

E2000A

Medium performance conveying

Optional electropolished helix



Versions with stainless steel cylinder or acrylic glass cylinder



Compatible with peripherals due to patented very low vibration housing



Our bestseller for standard applications

Krämer point-welded helix



Drive unit dust protected, protection rating IP50

Controller C820IR integrated in drive unit (external controller C820ER optional)



Conveying heights:  
250 - 500 - 750 -  
1000 - 1250 -  
1500 mm

## Basic operation of the deduster E2000

- Upward conveying range 250 - 1500 mm
- Buffering allows continuous operation of tablet press / capsule filling facility
- Conveying of tablets of Ø 3 - 25 mm and capsules

## Design

- Conveying performance complies with standard demands
- Construction according to GMP specifications
- Upward conveying of tablets / capsules generated by continuously adjustable vibration
- The process can be controlled visually
- The electronic control allows the pre-selection and reproduction of operating conditions
- The electronic control is available as built-in (C820IR) or as an external (C820ER) controller
- The device outlet can be fitted with peripherals such as metal detectors, diverter switches, slides etc.
- The outlet can be rotated up to 360° facing the inlet
- The deduster complies thus with any local situation

## Versions

- Model E2000S - stainless steel housing (AISI316L) with acrylic glass inspection window (PMMA)
- Model E2000A - acrylic glass housing (PMMA)

## Deburring and dedusting

- Air flow system removes efficiently dust particles from tablets
- Air flow system is an optimized combination of blow air and vacuum dust extration

## 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

## Options

- Deduster base mounted (for lowest inlet height)
- Different inlet hoppers
- Stainless steel (AISI316L) inspection window
- Electropolished spiral
- Handle for roll-away stand
- Validation documents

Deduster type	E2000 –	250	500	750	1000	1250	1500
<b>Measures</b>							
Weight	kg	55	66	75	81	92	98
Conveying height	mm	256	516	744	1'029	1'287	1'585
Maximum tablet diameter	mm	25	25	25	25	25	25
Dedusting path	m	5	7	9	11	15	18
<b>Technical Data</b>							
Power supply 100 - 240V, 50/60Hz		x	x	x	x	x	x
Maximum current	A	1	1	1	1	1	1
Compressed air ( $p_u = 1.5 - 2$ bar)	l/min	50 - 100	50 - 100	50 - 100	50 - 100	50 - 100	50 - 100
Air extraction ( $p_u = 10 - 20$ mbar)	m <sup>3</sup> /h	100 - 250	100 - 250	100 - 250	100 - 250	100 - 250	100 - 250
Noise emission at 1 m distance	dB(A)	< 70	< 70	< 70	< 70	< 70	< 70
Protection rating of drive unit		IP50	IP50	IP50	IP50	IP50	IP50
<b>Conveying Capacity</b>							
Round Ø 4.8 x 2.3 mm	x 1'000 tablets / hour	3'500	3'500	3'500	3'500	3'500	3'500
Round Ø 9.1 x 3.2 mm	x 1'000 tablets / hour	1'200	1'200	1'200	1'200	1'200	1'200
Round Ø 12.1 x 3.7 mm	x 1'000 tablets / hour	410	410	410	410	410	410
Round Ø 16 x 4 mm	x 1'000 tablets / hour	280	280	280	280	280	280
Round Ø 23.4 x 5.7 mm	x 1'000 tablets / hour	103	103	103	103	103	103
Round Ø 25 x 7 mm	x 1'000 tablets / hour	68	68	68	68	68	68
Oblong 16.3 x 7.6 x 5.7 mm	x 1'000 tablets / hour	425	425	425	425	425	425
Capsules 19.5 x 7 mm, No. 1	x 1'000 tablets / hour	448	448	448	448	448	448