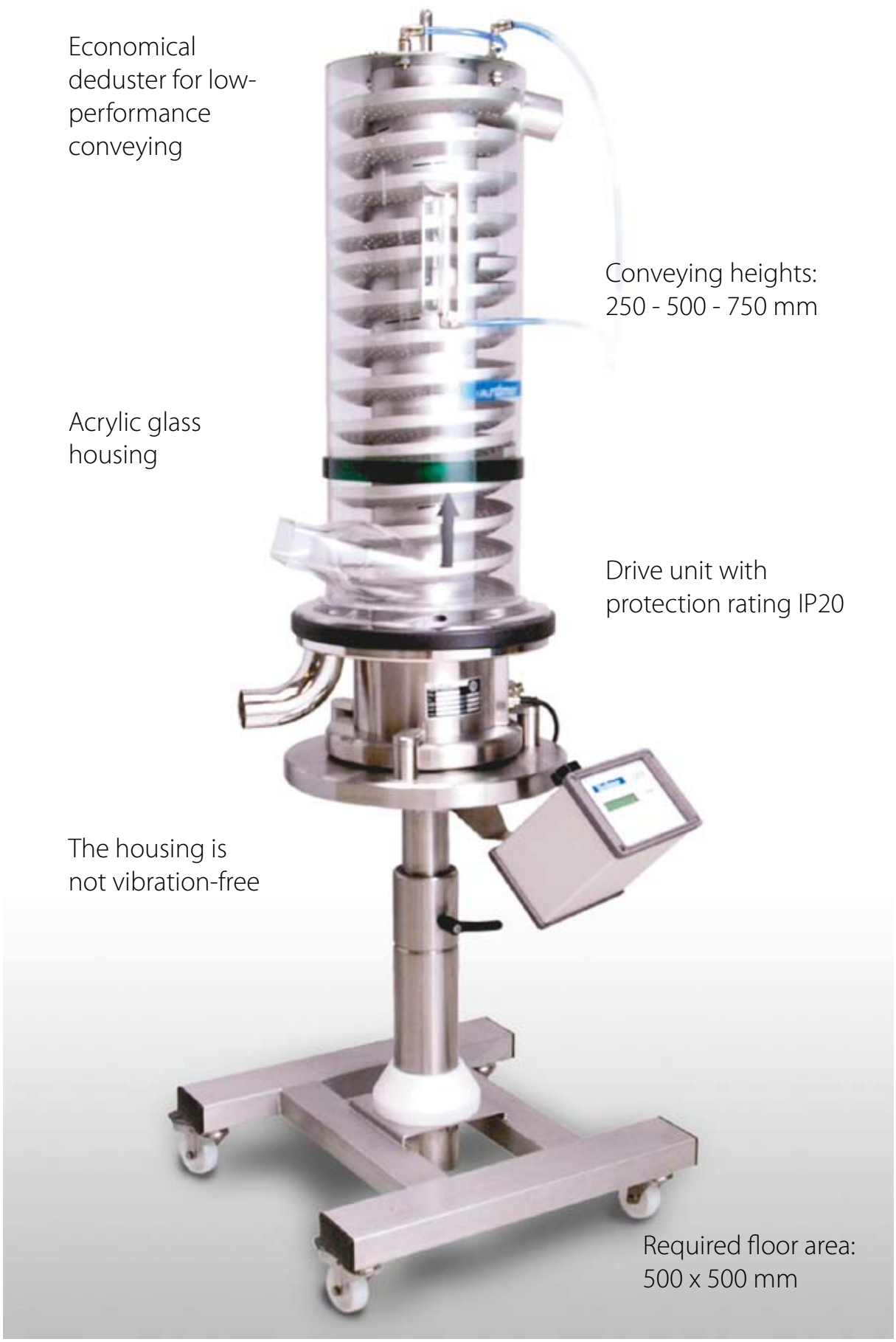
Economical deduster for low-performance conveying

Conveying heights:
250 - 500 - 750 mm

Acrylic glass housing

Drive unit with protection rating IP20

The housing is not vibration-free



Required floor area:
500 x 500 mm

Basic operation of deduster model E92

- Upward conveying range 250 - 750 mm
- Conveying of tablets of 3 - 20 mm diameter, and capsules

Design

- Acrylic glass housing (PMMA), stainless steel drive
- 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 electronic control allows the reproduction of operating conditions
- The device outlet can be fitted with peripherals such as metal detectors, diverter switches, slides etc.
- The outlet can be rotated 2 x 90° facing the inlet. The deduster is therefore adjustable to the tablet press discharge configuration.

Deburring and dedusting

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

Features

- For cleaning, the deduster can be disassembled easily and without tools by a single person
- Low maintenance
- Vibration is transmitted from the oscillating drive to the housing

Edition 15 EN

Deduster Type	E92 –	250	500	750
Dimensions				
Weight	kg	27	29	33
Overall height (without stand)	mm	658	898	1'183
Inlet height (without stand)	mm	278	278	278
Conveying height	mm	250	490	770
Maximum tablet diameter	mm	20	20	20
Maximum dedusting path	m	4.0	6.8	9.6
Technical Data				
Power supply 100 – 240 V, 50/60 Hz		x	x	x
Maximum current	A	1	1	1
Compressed air (p_u = 1.5 – 2 bar)	l/min	200 - 400	200 - 400	200 - 400
Air extraction (p_u = 10 – 20 mbar)	m^3/h	100 - 250	100 - 250	100 - 250
Noise emission at 1 m distance	dB(A)	< 75	< 75	< 75
Protection rating of drive unit		IP20	IP20	IP20
Conveying Capacity				
Round Ø 5 x 2 mm	x 1'000 tablets / hour	1'800	1'800	1'800
Round Ø 8 x 3 mm	x 1'000 tablets / hour	730	730	730
Round Ø 10 x 4 mm	x 1'000 tablets / hour	480	480	480
Round Ø 15 x 4 mm	x 1'000 tablets / hour	150	150	150
Oblong 19.4 x 8.6 x 6 mm	x 1'000 tablets / hour	120	120	120