



## NutraTec- Tablet Deduster for Food Supplements

The NutraTec is a tablet deduster specially developed to meet nutraceutical production needs. The solution brings together all the expertise from the pharmaceutical industry while offering efficiency and cost orientation for the nutraceutical market.

The unit offers a high level of robustness with its segmented 316L stainless steel spiral, as well as a direct view of the tablet's process thanks to its fully transparent cover.

The technology combining enlarged circumferential dust extraction channels and central air jets on the tablets provides a very efficient dedusting while ensuring high throughput. Utmost care has been taken to make it as user-friendly as possible, eliminating the need for tooling.

### KEY BENEFITS

- Efficient dedusting
- Robustness
- cGMP compliance
- Reliable operation
- Fast and easy cleaning & dismantling

## TECHNICAL SPECIFICATIONS



316L Stainless steel spiral



Optional 2-way diverter

Minimum product size	Ø 4 mm
Maximum product size	Ø 25 mm
Conveying adjustment	Frequency / Voltage
Self emptying	Yes (without aspiration)
Requested air extraction	150 to 200 m <sup>3</sup> /h pressure drop 1500 to 2000Pa
Dust extraction connection	TC ISO 1127 DN 50
Requested compressed air	Min. 6 bar
Compressed air connection	QS6
Noise level (without product)	≤70 dB (A)
Power supply	110V / 230V
Frequency	50 Hz / 60 Hz
Polymer contact parts	FDA Tritan MX 711
Contact parts finishing	RA < 0,8 µm
Frame parts	Stainless steel 304
Frame finishing	Brushed 320
Frame mounted on wheels	Yes
IQ-OQ protocol	Available
Material certificates	Available
<b>Metal detector</b>	<b>CEIA THS/PH21 EE</b>
Head opening	100 x 40 mm
Accuracy stainless steel	0,50 mm
Accuracy non-ferro	0,35 mm
Accuracy ferro	0,30 mm
<b>Speed examples</b>	
Round tablets Ø 6 mm x 3 mm	1 900 000 tabs/H
Round tablets Ø 8 mm x 3,5 mm	600 000 tabs/H
Round tablets Ø 13 mm x 4 mm	290 000 tabs/H
Shaped tablets 15 x 8 x 5 mm	300 000 tabs/H
Shaped tablets 21 x 10 x 7 mm	140 000 tabs/H