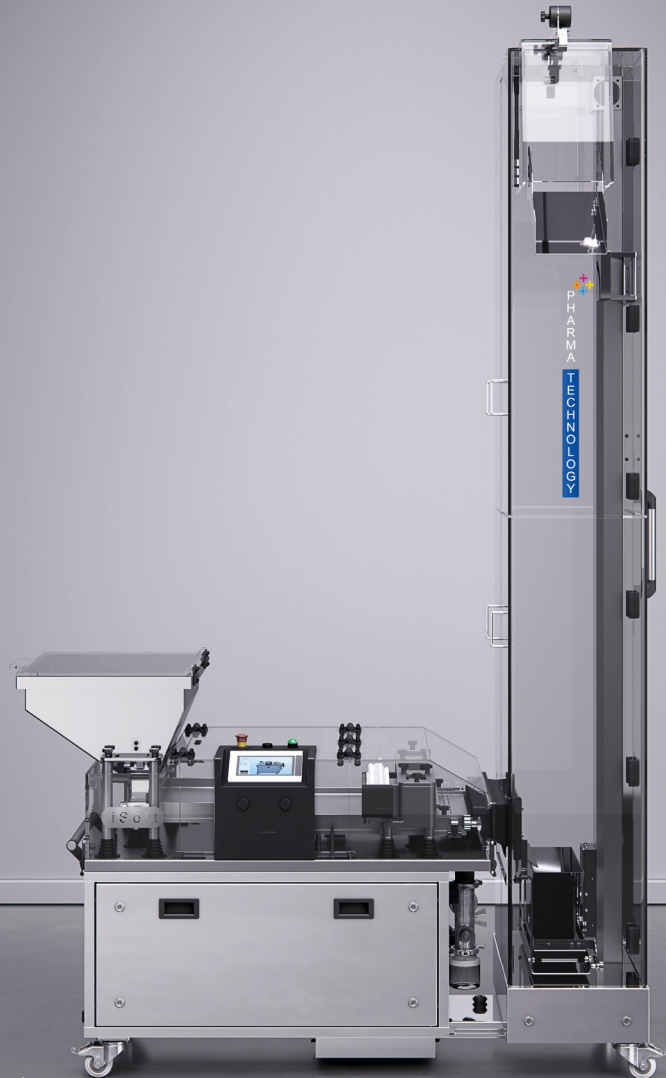


iSort

BROKEN TABLET SORTING DEVICE
WITH **BUCKET ELEVATOR iLift**

PHARMA **TECHNOLOGY** 



iSort
ADVANCE BY TECHNOLOGY

The **iSort** is a new tablet sorting device designed to increase packaging line efficiency by separating broken from good products before entering the feeding system.

The **iSort** automatically detects and removes undersized tablets and product fragments that contaminate the feeding system, thereby avoiding jamming and costly downtime on the packaging line. An option allow sorting of twin coated tablet.

Additionally, the machine is configured to be used in combination a bucket elevator (iLift) that elevates products to the blister line hopper.

Product characteristics are stored in a user-friendly software that adjusts process settings. Only one format part is needed to mechanically adapt the system to sort tablets of any size and shape. Utmost care has been taken to facilitate the assembly, dismantling and maintenance without the use of tools.

Patented sorting system



Venturi conveying system

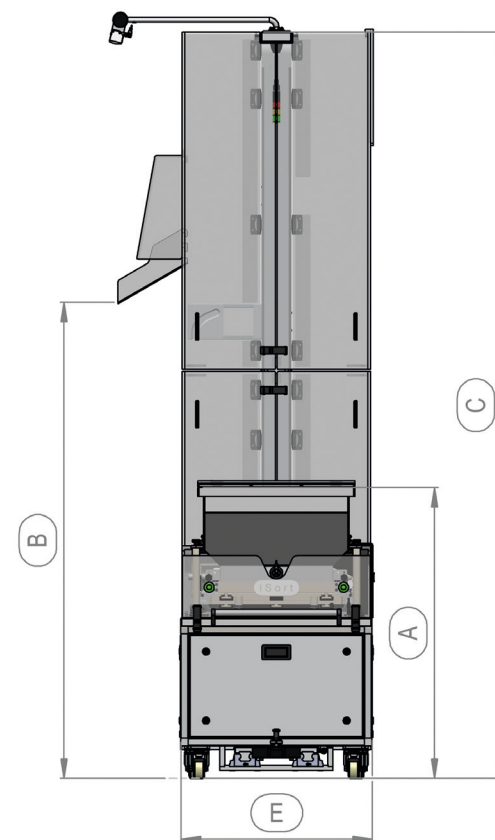
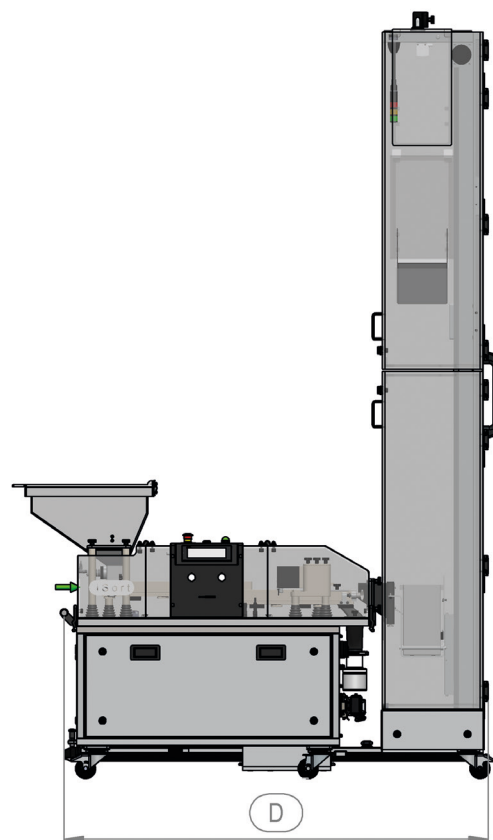


- 100% sorting of broken tablets (up to 75% of the full length)
- Increase blister line efficiency by reducing downtime
- Sort out up to 500.000 large tablets per hour
- Patented automatic anti jamming system on the sorting table
- Handle all types of tablets
- Final dedusting before entering the blister machine
- Reduce dust emission in the packaging area
- «DT» dust-tight and «C» containment OEB3-4 versions
- Automatic changeover based on pre-set adjustment

Technical data iSort	iSort with iLift 2500	iSort with iLift 3000
Inlet height with 60 liters hopper (A)	1155 mm (+/-5mm)	1155 mm (+/-5mm)
Outlet height (B)	1855 mm (+/-5mm)	2355 mm (+/-5mm)
Total height (C)	2500 mm (+/-5mm)	3000 mm (+/-5mm)
Floor dimensions (DxE)	1685 mm x 760 mm	1685 mm x 760 mm
Minimum Product Size	Ø4 mm (Smaller on demand)	
Maximum Product Size	Ø25 mm	
Conveying Adjustment	Vibration Intensity	
Self Emptying	YES	
Requested air extraction	Between 150 - 200 m³/h - 50 - 2000 Pa	
Dust extraction connection	TC ISO 1127 DN 50	
Noise Level (with product)	<70 dB (A)	
Power Supply	110 V / 230 V	
Metal Contact Parts	Aluminum with Surface treatment Stainless Steel 316L/430	
Format Part	One part, easy to assemble without tools	
Contact Parts Finishing	Ra ≤ 0,8 µm	
Frame Parts	Stainless Steel 304 - Al 6082	
Frame Finishing	Brushed 320	
Frame mounted on wheels	Yes	
IQ-OQ Protocol	Available	
Material Certificates	Available	
Capacity/Speed Examples	Tablets / hour *	
Tablet Ø 8 x 2 mm	700.000 **	
Tablet Ø 13 x 4 mm	500.000 **	
Oblong tablet 19 x 8 x 9 mm	350.000 **	
Long Run Case Study-Sorting ratio *	≤ 75% of the tablets length/diameter *	
Tablet Ø 8 x 2 mm	100% sorted	
Tablet Ø13 x 4 mm	100% sorted	
Oblong tablet 19 x 8 x 9 mm	100% sorted	
Containment level: Standard «DT» Dust-Tight, or optional «C» 0EB3		

* Subject to products shape

** Depending on product size



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