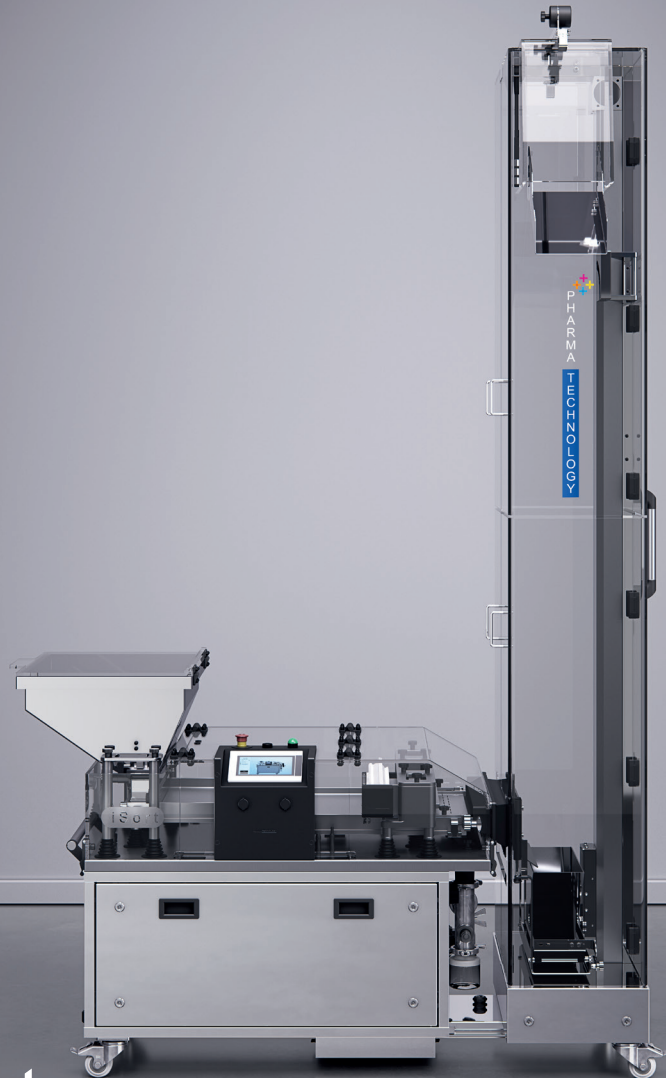


# iSort

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**



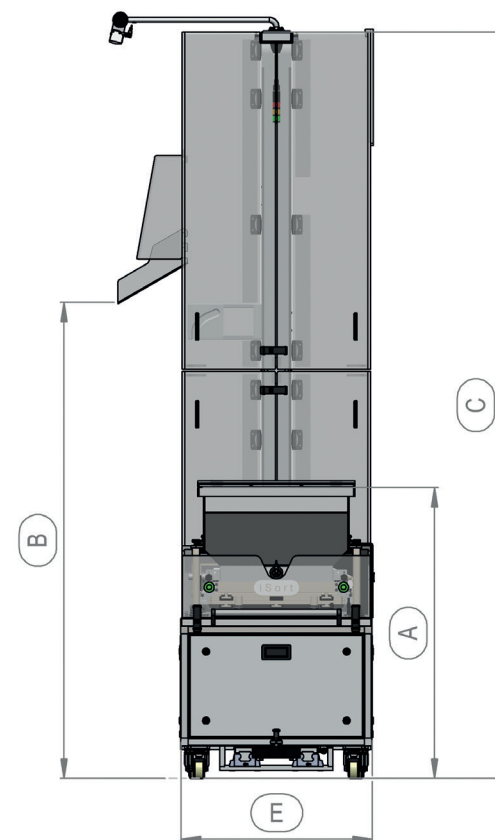
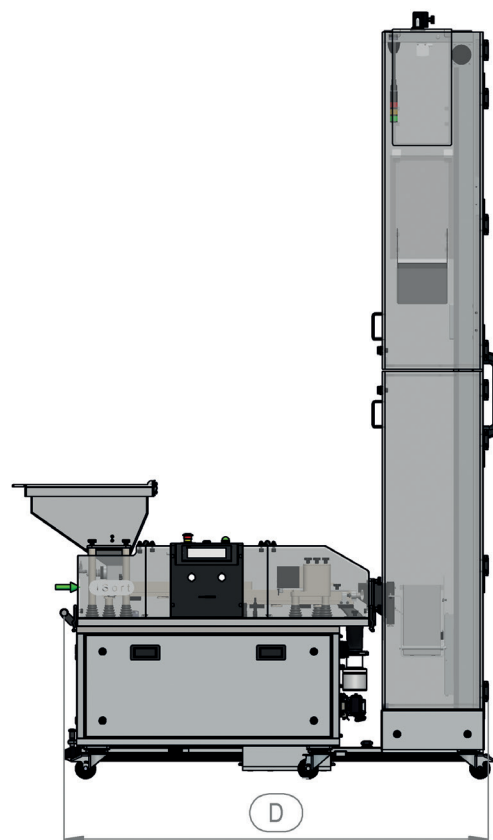
**Venturi conveying system**



- 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)	2465 mm (+/-5mm)	2965 mm (+/-5mm)
Floor dimensions (DxE)	1685 mm x 760 mm	1685 mm x 760 mm
Minimum product size	4 mm	
Maximum product size	25 mm	
Conveying adjustment	Frequency/Voltage	
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	
Power supply	110V-60Hz or 230V-50Hz	
Contact parts	Approved FDA nickel aluminium & PU	
Format part	One part, easy to assemble without tools	
Contact parts finishing	RA <0,5 u	
Frame parts	Stainless steel 304	
Frame finishing	Mirror polished	
Frame mounted on wheels	Yes	
IQ-OQ protocol	Available	
Material certificates	Available	
<b>Capacity exemples *</b>	<b>Tablets / hour *</b>	
Tablet Ø 8 x 2 mm	900.000	
Tablet Ø 13 x 4 mm	650.000	
Oblong tablet 19 x 8 x 9 mm	420.000	
<b>Long run case study on sorting ratio *</b>	<b>≤ 75% of the tablets length/diameter *</b>	
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	
<b>Containment level:</b>	<b>Standard «DT» Dust-Tight, or optional «C» 0EB3</b>	

\* Subject to products shape



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