



## iSort - Tablet Sorting Device

The iSort is the perfect solution to improve the packaging line efficiency by sorting **broken, twins or capped** tablets before entering the feeding system. Installed upstream of a blistering or bottling machine, the iSort has been designed to automatically detect and remove undersized tablets and product fragments that contaminate the feeding system, avoiding jamming and costly downtime on the packaging line.

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

### KEY BENEFITS

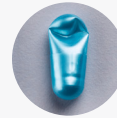
- Increase blister line efficiency by reducing downtime
- Excellent sorting capabilities even for oblong products
- High speed inspection up to 500.000 tablets per hour
- Highly precise thanks to the automatic sorting adjustment
- Available in «DT» Dust Tight and «C» Containment ≤OEB4 versions
- Central HMI with OPC UA, CFR 21 Part 11 compliant
- Easy cleaning, handling and maintenance



## SORTING



Broken tablets



Twin tablets



Capped tablets

## TECHNICAL SPECIFICATIONS

Minimum/Maximum product	From 4 mm to 25 mm	
Conveying adjustment	Frequency / Voltage	
Self emptying	Yes	
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 µm	
Frame parts	Stainless steel 304	
Frame finishing	Mirror polished	
Frame mounted on wheels	Yes	
IQ-OQ protocol & Material certificates	Available	
<b>Capacity examples *</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>Dimensions</b>	<b>iSort with iLift 2500</b>	<b>iSort with iLift 3000</b>
Inlet height with 60 liters hopper	1155 mm (+/-5mm)	1155 mm (+/-5mm)
Outlet height	1855 mm (+/-5mm)	2355 mm (+/-5mm)
Total height	2465 mm (+/-5mm)	2965 mm (+/-5mm)
Floor dimensions	1685 mm x 760 mm	1685 mm x 760 mm

\* Subject to product shape