## BROKEN TABLET SORTING DEVICE WITH BUCKET ELEVATOR ILIFT





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



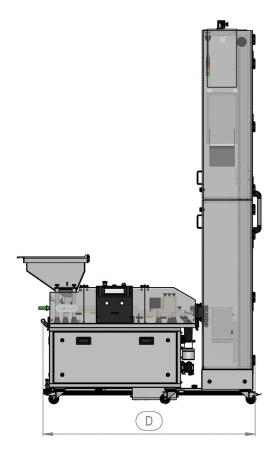
Venturi conveying system

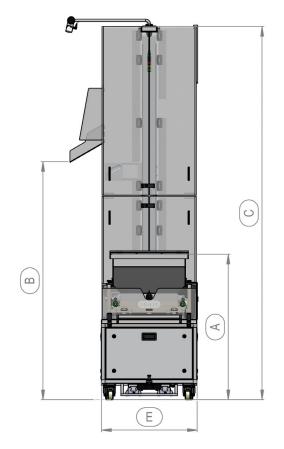


- 100% sorting of broken tablets (up to 75% of the full length)
- Increase blister line efficiency by reducing downtime
- Sort out up to 500.000 large tablets per hour
- Patented automatic anti jamming system on the sorting table
- Handle all types of tablets
- Final dedusting before entering the blister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

Dutlet height (B)	Technical data iSort	iSort with iLift 2500	iSort with iLift 3000
Total height (C)   2500 mm (+/-5mm)   3000 mm (+/-5mm)   1685 mm x 760 mm   1765 mm   1685 mm x 760 mm   1765 mm	Inlet height with 60 liters hopper (A)	1155 mm (+/-5mm)	1155 mm (+/-5mm)
Teleor dimensions (DxE)	Outlet height (B)	1855 mm (+/-5mm)	2355 mm (+/-5mm)
Maximum Product Size  Maximum Product Size  Maximum Product Size  Maximum Product Size  Conveying Adjustment  Self Emptying  Requested air extraction  Dust extraction connection  Noise Level (with product)  Power Supply  Metal Contact Parts  Co	Total height (C)	2500 mm (+/-5mm)	3000 mm (+/-5mm)
Maximum Product Size  Conveying Adjustment  Self Emptying  Requested air extraction  Power Supply  Metal Contact Parts  Contact Parts  Contact Parts  Frame Parts  Frame Portocol  Material Certificates  Capacity/Speed Examples  Fablet Ø 13 x 4 mm  Fablet Ø 13 x 4 mm  Fablet Ø 13 x 4 mm  For India Part Indi	Floor dimensions (DxE)	1685 mm x 760 mm	1685 mm x 760 mm
Conveying Adjustment  Self Emptying  Requested air extraction  Poust extraction connection  Vioise Level (with product)  Power Supply  Metal Contact Parts  Contact Parts  Contact Parts Finishing  Frame Parts  Contact Parts  Stainless Steel 304 - Al 6082  Frame Finishing  Frame Martial Certificates  Q-OQ Protocol  Material Certificates  Capacity/Speed Examples  Fablet Ø 8 x 2 mm  Cong Run Case Study-Sorting ratio *  Fablet Ø 8 x 2 mm  Fablet Ø 8 x 2 mm  Fablet Ø 8 x 2 mm  Cong Run Case Study-Sorting ratio *  Fablet Ø 8 x 2 mm  Cablet Ø 8 x 2 mm  Fablet Ø 13 x 4 mm  Fablet Ø 14 x 8 x 9 mm  Fablet Ø 15 x 8 x 9 mm  Fablet Ø	Minimum Product Size	Ø4 mm (Smaller on demand)	
Self Emptying   YES	Maximum Product Size	Ø25 mm	
Between 150 - 200 m³/h - 50 - 2000 Pa	Conveying Adjustment	Vibration Intensity	
Dust extraction connection  TC ISO 1127 DN 50  Aloise Level (with product)  Power Supply  Aluminum with Surface treatment Stainless Steel 316L/430  Format Part  Contact Parts Finishing  Frame Parts  Frame Parts  Stainless Steel 304 - Al 6082  Frame Finishing  Frame mounted on wheels  Q-OQ Protocol  Available  Available  Capacity/Speed Examples  Fablet Ø 8 x 2 mm  Fablet Ø 13 x 4 mm  Dolong Run Case Study-Sorting ratio *  Fablet Ø 13 x 4 mm  Tablet Ø 14 x 8 x 9 mm	Self Emptying	YES	
A	Requested air extraction	Between 150 - 200 m³/h - 50 - 2000 Pa	
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           Q-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 **           Cong Run Case Study-Sorting ratio *         ≤ 75% of the tablets length/diameter *           Tablet Ø 8 x 2 mm         100% sorted           Tablet Ø 13 x 4 mm         100% sorted           Debtong tablet 19 x 8 x 9 mm         100% sorted           Oblong tablet 19 x 8 x 9 mm         100% sorted	Dust extraction connection	TC ISO 1127 DN 50	
Aluminum with Surface treatment Stainless Steel 316L/430  Format Part  One part, easy to assemble without tools  Ra ≤ 0,8 μm  Frame Parts  Stainless Steel 304 - Al 6082  Frame Finishing  Frame mounted on wheels  Q-OQ Protocol  Available  Available  Capacity/Speed Examples  Tablet Ø 8 x 2 mm  Tablet Ø 13 x 4 mm  Delong tablet 19 x 8 x 9 mm  Aluminum with Surface treatment Stainless Steel 316L/430  One part, easy to assemble without tools  Ra ≤ 0,8 μm  Stainless Steel 304 - Al 6082  Brushed 320  Yes  Available  Available  Available  Tablets / hour *  Tablet Ø 8 x 2 mm  Tool.000 **  Stollong tablet 19 x 8 x 9 mm  Tools of the tablets length/diameter *  Tablet Ø 8 x 2 mm  Tools of the tablets length/diameter *  Tablet Ø 13 x 4 mm  Tools orted  Delong tablet 19 x 8 x 9 mm  Tools orted	Noise Level (with product)	<70 dB (A)	
Stainless Steel 316L/430  Format Part  One part, easy to assemble without tools  Ra ≤ 0,8 μm  Frame Parts  Stainless Steel 304 - Al 6082  Frame Finishing  Frame mounted on wheels  Q-OQ Protocol  Material Certificates  Capacity/Speed Examples  Fablet Ø 8 x 2 mm  Fablet Ø 13 x 4 mm  Stainless Steel 304 - Al 6082  Brushed 320  Yes  Available  Available  Tablets / hour *  Tablet Ø 13 x 4 mm  Stainless Steel 304 - Al 6082  Frame Finishing  Frame mounted on wheels  Available  Tablet Ø 13 x 4 mm  Stainless Steel 316L/430  Tablet Ø 8 x 2 mm  Tablet Ø 13 x 4 mm  Tablet Ø 13 x 4 mm  Tablet Ø 8 x 2 mm  Tablet Ø 13 x 4 mm  Tablet Ø 14 x 8 x 9 mm	Power Supply	110 V / 230 V	
Contact Parts Finishing         Ra ≤ 0,8 μm           Frame Parts         Stainless Steel 304 - Al 6082           Frame Finishing         Brushed 320           Frame mounted on wheels         Yes           Q-OQ Protocol         Available           Material Certificates         Available           Capacity/Speed Examples         Tablets / hour *           Fablet Ø 8 x 2 mm         700.000 **           Fablet Ø 13 x 4 mm         500.000 **           Cohlong tablet 19 x 8 x 9 mm         350.000 **           Fablet Ø 8 x 2 mm         100% sorted           Fablet Ø 13 x 4 mm         100% sorted           Cholong tablet 19 x 8 x 9 mm         100% sorted           Cholong tablet 19 x 8 x 9 mm         100% sorted	Metal Contact Parts		
Frame Parts         Stainless Steel 304 - Al 6082           Frame Finishing         Brushed 320           Frame mounted on wheels         Yes           Q-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 **           Tablet Ø 8 x 2 mm         100% sorted           Tablet Ø 13 x 4 mm         100% sorted	Format Part	One part, easy to assemble without tools	
Frame Finishing         Brushed 320           Frame mounted on wheels         Yes           Q-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 **           Tablet Ø 8 x 2 mm         100% sorted           Tablet Ø 13 x 4 mm         100% sorted	Contact Parts Finishing	Ra ≤ 0,8 µm	
Frame mounted on wheels         Yes           Q-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 Ø 13 x 4 mm         100% sorted           Oblong tablet 19 x 8 x 9 mm         100% sorted	Frame Parts	Stainless Steel 304 - Al 6082	
Q-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 Ø 13 x 4 mm       100% sorted         Oblong tablet 19 x 8 x 9 mm       100% sorted	Frame Finishing	Brushed 320	
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	Frame mounted on wheels	Yes	
Capacity/Speed Examples         Tablets / hour *           Fablet Ø 8 x 2 mm         700.000 **           Fablet 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 *           Fablet Ø 8 x 2 mm         100% sorted           Fablet Ø 13 x 4 mm         100% sorted           Oblong tablet 19 x 8 x 9 mm         100% sorted	IQ-OQ Protocol	Available	
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 Ø 13 x 4 mm       100% sorted         Oblong tablet 19 x 8 x 9 mm       100% sorted	Material Certificates	Available	
Fablet 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 *         Fablet Ø 8 x 2 mm       100% sorted         Fablet Ø 13 x 4 mm       100% sorted         Oblong tablet 19 x 8 x 9 mm       100% sorted	Capacity/Speed Examples	Tablets / hour *	
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	Tablet Ø 8 x 2 mm	700.000 **	
Long Run Case Study-Sorting ratio *       ≤ 75% of the tablets length/diameter *         Fablet Ø 8 x 2 mm       100% sorted         Fablet Ø 13 x 4 mm       100% sorted         Oblong tablet 19 x 8 x 9 mm       100% sorted	Tablet Ø 13 x 4 mm	500.000 **	
Fablet Ø 8 x 2 mm       100% sorted         Fablet Ø13 x 4 mm       100% sorted         Oblong tablet 19 x 8 x 9 mm       100% sorted	Oblong tablet 19 x 8 x 9 mm	350.000 **	
Fablet Ø13 x 4 mm         100% sorted           Oblong tablet 19 x 8 x 9 mm         100% sorted	Long Run Case Study-Sorting ratio *	≤ 75% of the table	ts length/diameter *
Oblong tablet 19 x 8 x 9 mm 100% sorted	Tablet Ø 8 x 2 mm	100% sorted	
	Tablet Ø13 x 4 mm	100% sorted	
Containment level: Standard «DT» Dust-Tight, or optional «C» 0EB3	Oblong tablet 19 x 8 x 9 mm	100% sorted	
	Containment level: Standard «DT»	Dust-Tight, or optional «C	» 0EB3

<sup>\*</sup> Subject to products shape









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<sup>\*\*</sup> Depending on product size