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SORTEX N
PolyVision

**SORTEX® N
PolyVision.**

Polymer flakes sorting
in a range of capacities.

Innovations for **a better world.**

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SORTEX N PolyVision.
Polymers sorting solution.

The SORTEX N PolyVision is an optical sorter for plastic PET flakes offering capacities of up to 6t/h. Its PolyVision technoloy detects same-in-colour polymer contaminants including PVC, PP. PE, PS, PA, POM, PMMA, SAN, as well as foreign materials including rubber and silicon and residual coloured flakes.

Flexible sizing

Available with up to three chutes, the SORTEX N PolyVision features a flexible sorting configuration capable of handling up to six tons of product per hour.

Consistency

Automatically adjusted lighting systems compensate for varying light levels to deliver the most consistent operation.
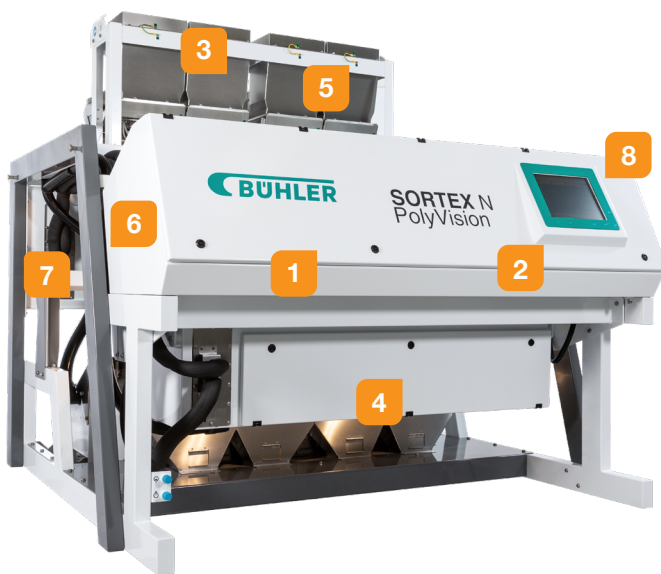
Usability

ProSortX 4.0 simplifies the user interface and provides useful insights both on and off the machine for the Operator and Plant Manager. This means greater visibility into machine performance and any changes in throughput over time.

Connectivity

The SORTEX N PolyVision includes includes Bühler Insights Connect hardware. Compatible with SORTEX Monitoring System powered by Bühler Insights, it allows processors to monitor sorting performance and receive alarm notifications from anywhere in the world - resulting in reduced product wastage and downtime and greater transparency on performance.

Loose Labels

PS

PS after oven test

Rubber and Silicone

PVC

PVC after oven test

Color PET

PP–PE

PP–PE after oven test

Key features
at a glance.

1 **PolyCam™** delivers clear separation of PET from other polymers

2 **ProSortX 4.0** - now with EasySim™ sensitivity adjustment and Sortex Monitoring System connectivity

3 **Fully-integrated** and controllable anodized chute **feeding system**

4 **Sealed optical & control cabinets** - rated up to IP5X to protect against dust ingress maintaining a stable and reliable operation in dusty environments

5 **Flexible capacity** of 1, 2 or 3 modules, offering up to 6t/h

6 **SmartEject™ technology** - fires precisely at the whole object to ensure efficient removal

7 **PolyVison Detection System** - trans-reflective inspection system enables sorting for both color and polymer flakes

8 **Bühler Insights connectivity** with SORTEX Monitoring System lifts efficiency, quality and traceability to entirely new levels

SORTEX N PolyVision, 2 modules

1 module

3 modules

Technical Details.

Module	Width	Depth (door shut)	Height	Weight	Typical air requirements* 0.6-0.8 Mpa	Typical power consumption** (220v, 50/60 Hz single phase)
	mm	mm	mm	kg	L/s	kW
N1	1365	2181	2042	600	17.2	1.5
N2	1959	2181	2042	856	34.4	2.2
N3	2623	2181	2042	1100	51.6	4

#Unpacked weight. Figures will vary based on machine specifications.
*Figures will vary based on contamination levels. **Figures will vary based on machine specifications.

The Bühler Advantage.

Bühler is locally relevant, but globally leveraged. With almost 100 service stations and application centers in all key regions around the world, our customers have access to qualified engineers and original spare part warehouses as and when they need them. Our expert Sales and Service Engineers are on hand to ensure plant and equipment availability and project execution.

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