Flyer SORTEX N PolyVision en 1024 Z&B 244387



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

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.

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

Connectivity
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.

Flexible sizing
Available in three chute sizes capable of handling up to 6 tons of product per hour.

Key features
at a glance.



1. **PolyVision inspection system** includes in-house developed PolyCam technology to deliver clear separation of PET from other polymers along with color separation
2. **Rubber Catcher Kit** designed to capture bouncing rubber particals that don't feed consistantly (optional)
3. **Label Reduction Kit** developed to remove fragments of label from the sorting stream
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 6 t/h
6. **SmartEject technology** - fires precisely at the whole object to ensure efficient removal
7. **Ultra bright halogen system** with superior visibility
8. **Bühler Insights connectivity** with SORTEX Monitoring System lifts efficiency, quality and traceability to entirely new levels (optional)

Technical Details

Module	Width	Depth (door shut)	Height	Weight	Typical air requirements*	Typical power consumption**
	mm	mm	mm	kg	0.6-0.8 Mpa L/s	(220v, 50/60 Hz single phase) 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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