

Recycling Technologies

DE-LABELLER for PET bottles washing plants



The "sleeves" are not a problem anymore!



TYPES AND APPLICATIONS

DLB 15 treats the bottles rejected by the main NIR sorter.
The machine has to be installed downstream after the detectors line.

DLB 30 / DLB 60 - suitable for high flow rates - treat the whole flow of bottles at the beginning of the washing line.



ADVANTAGES

- Removal of all types of labels with an efficiency of 80-90%.
- Recovery of PET bottles with PVC or PETG full body sleeves label.
- Almost total detachment of the labels: with a flow of 100% of bottles with full body sleeves we can achieve an efficiency higher than 80%.
- Labels dry removal.
- Bottles surface dry cleaning.
- Continuous process and treatment with settable residence time.
- Integrity of bottles and necks, to enable the use of downstream detectors and avoid material losses.
- Recovery and valorisation of the dry labels, thus reducing disposal costs.
- Improved efficiency of polymer and colour recognition by means of electronic detectors.
- Greater PET flakes purity.
- Low wearing of parts.
- Low operation cost.
- Easy operation and maintenance.
- Optimized plant engineering.



MODELS

		DBL 15	DBL 30	DBL 60
PET bottles	kg/h	1500	3000	6000
Installed power	kW	55	110	132



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