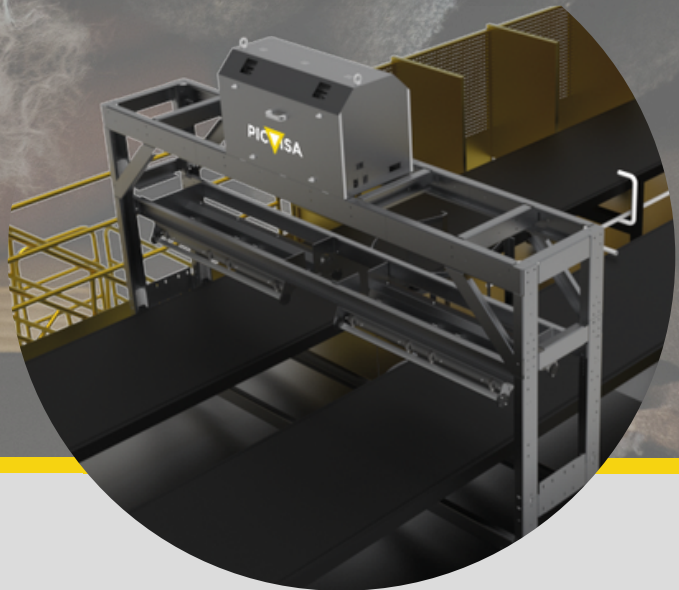


AUTOMATIC TEXTILE CLASSIFICATION

ECOSORT

Precision Categorization for Enhanced Textile
and Fashion Circularity

PICVISA



#wecansortitout

www.picvisa.com



ECOSORT TEXTILE

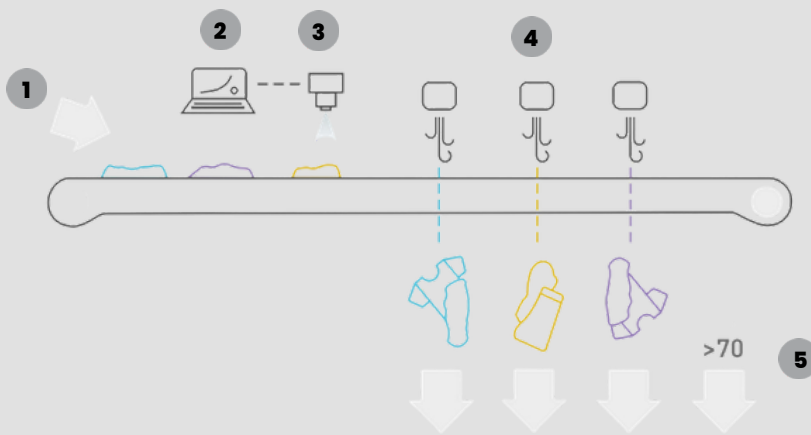
The real revolution of the textile industry

We make textile and fashion circularity possible granting proper and accurate garment automatic sorting in textile recycling centers worldwide.

- 100% surface garment analysis
- Sorting of textile based on fiber composition and colors
- Textiles are fed one-by-one and sorted in unlimited categories
- Knitted vs woven detection



Operation scheme:



Materials are placed on the feeder conveyor [1]. As they pass through the lighting area, they reflect light [3], and cameras capture images or spectra. The processing system [2] analyzes the data, and if a target object is detected, the ejection nozzles [4] activate to separate it [5] from the main flow.

Sorting of:

Compositions

Cotton	Wool
Cotton-Polyester	Polyamide
Polyester	Acetate
Wool	Pu
Wool - Pa/Po	Silk
Acrylic	Others

colors



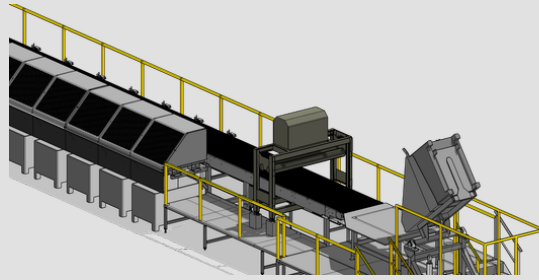
and more



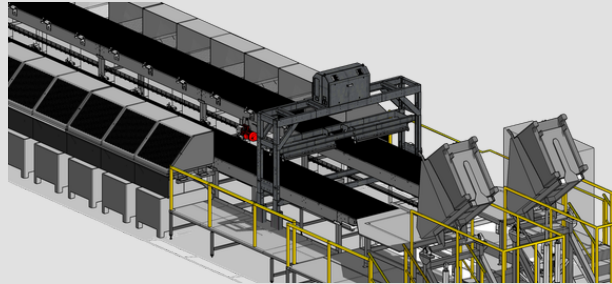
Accuracy on target recognition material

Available configurations:

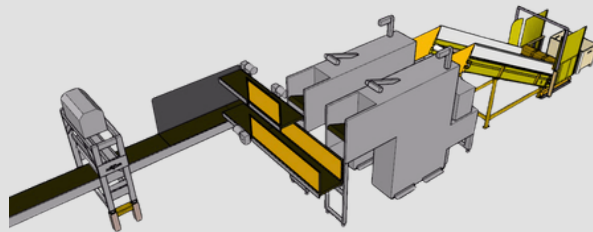
Single sensor based scanner
Throughput 1000kg/h
6 Outputs
Single Conveyor



Single sensor based scanner
Throughput 2000/3000kg/h
24 Outputs
Double /triple Conveyor



Fully automated line



Minimum supply: Sensored based scanner, conveyor, software and lateral blowing system.

Optional equipment: Automatic feeding, structure & hoppers automatic outputs, scales and more.

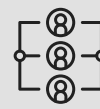
Other Services:



**ADVISORY
CONSULTATION**



**PLANT LAYOUT
& ENGINEERING**



**CUSTOMERS
NETWORK**

Design and manufacture of sensor-based sorting equipment incorporating vision and artificial intelligence technologies.



Carrer de Fructuós Gelabert, 6, 7º, 08970
Sant Joan Despí, Barcelona, Spain

+34 938 268 822
info@picvisa.com
www.picvisa.com