



Your partners in PET recycling  
**From bottle to flake**





## PET sorting for closed loop bottle-to-bottle recycling **Bühler & Pellenc ST bring you combined expertise**

Our partnership provides plastic recyclers with double the expertise and service for the highest and most reliable optical sorting solution. As a critical element of the recycling line, our combined optical sorting solution gives you peace of mind in quality and consistency of your plastic.

Our joint team provides a customer-centric and consultative approach, combining a wide range of technologies and personnel with deep application knowledge and experience.

We bring a new dimension of expertise to PET sorting, helping you achieve optimal efficiency and contribute to a circular economy.







!!! Complementary sorting technologies and combined expertise



Complete front-end and back-end sorting solutions for food grade recycling



Application driven technical consultation on complete bottle-to-flake solution



Single point of customer contact for wash-line suppliers and operators

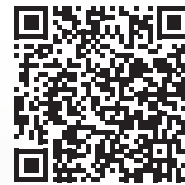
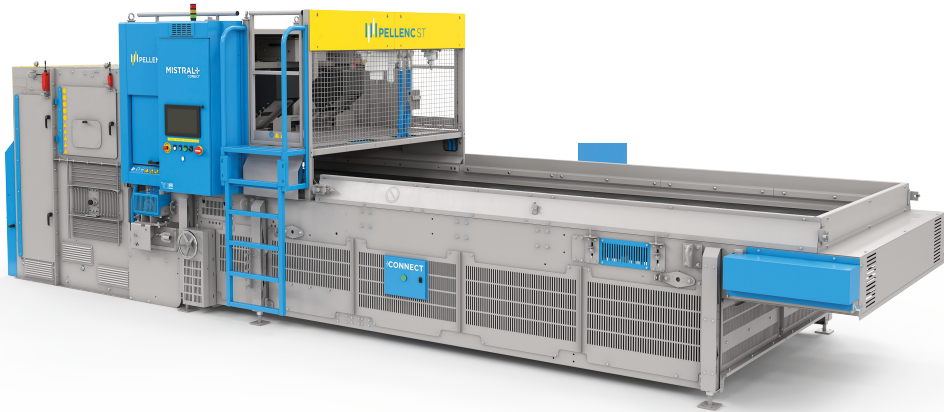


Combined global testing facilities in Europe, USA, and Japan, plus an extensive global network of local offices

## Application driven solution

# A new benchmark in PET sorting for closed loop recycling

### Mistral+ Connect



Scan to know more



Full sorting system (TÜV)



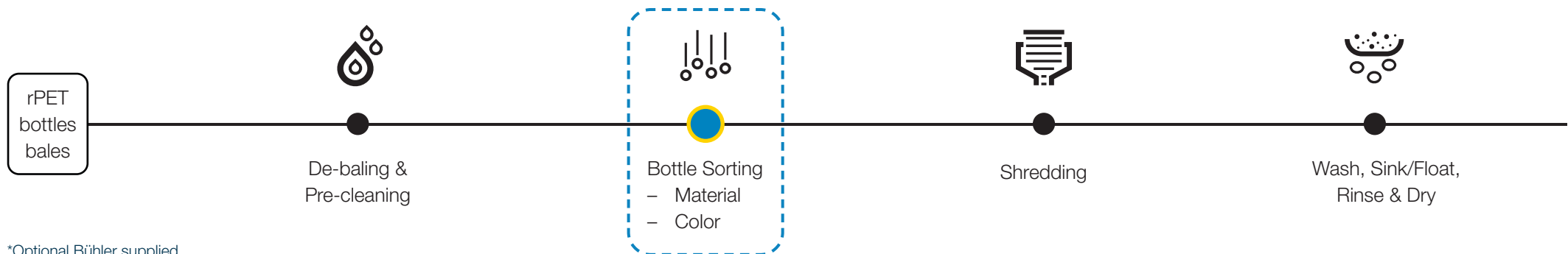
Highest throughput



Easy access and maintenance



Future proof (upgradability guarantee)



\*Optional Bühler supplied



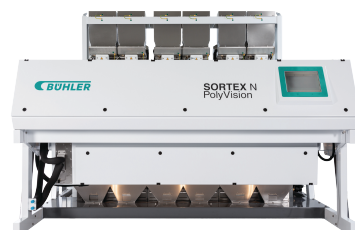
**SORTEX J SpectraVision**



**SORTEX A GlowVision**



**SORTEX N PolyVision**



Scan to know more



Complementary range of technologies



High throughputs



Outstanding performance



Low cost of ownership



Eddy Current



Sieving/\*Size  
gradation



Flake sorting  
– Material  
– Color

Non-food grade rPET



Solid State  
Polycondensation  
(SSP)

Food grade rPET

**Digitalization** is one of the most significant changes most industries have seen in a lifetime.



**Increase  
productivity**



**Act fast and  
save money**



**No technical  
skills required**



## Transforming Together: Client Achievements



“ With an oriented-performance approach shared by both Pellenc ST and Bühler suppliers, we quickly reached the requested food-grade quality. ”

**Martin Brass**  
**Regional Engineering & Projects Manager**  
**at BIFFA POLYMERS**



“ Our facility delivers state-of-the-art quality thanks to the best-in-class sorting solutions from Bühler and Pellenc ST, enabling RPET FLAKE to have a tangible impact on the sustainability of PET recycling. ”

**Antonio Martínez Mocholí**  
**Chairman & General Manager**  
**at RPET FLAKE**

**RPET FLAKE**



## Bühler Group



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