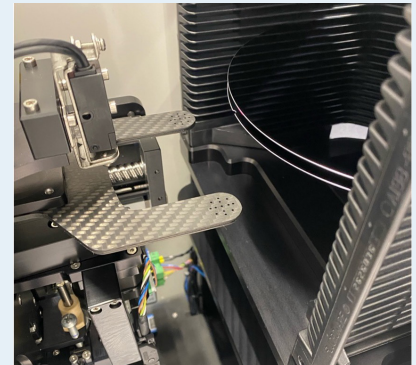
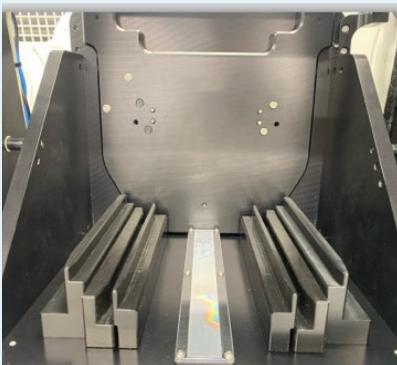


## 2-CASSETTE WAFER SORTER

The WHS-T4 is a state-of-the-art automatic wafer sorter designed to enhance wafer handling and sorting efficiency. Capable of handling 100 mm, 150 mm, or 200 mm wafers, with an optional dual 150 mm/200 mm configuration, the WHS-T4 provides users with flexibility in wafer processing without requiring hardware modifications. Users can effortlessly split, merge, compress, or create custom wafer mixes by sorting wafers based on their IDs, making it a versatile tool for semiconductor fabs.

The WHS-T4 features two ergonomic tilt-stage load ports, a linear robot, and an optical wafer notch/flat aligner for precise sorting. The system includes a standard ID reader, with customers having the choice between Cognex or IOSS brand readers for OCR, barcode, or data matrix recognition. SECSGEM software



compatibility facilitates lot and ID tracking throughout the fab and allows for partial remote control of the system through an MRP system, ensuring seamless integration into production workflows.

Despite its advanced capabilities, the WHS-T4 maintains a compact footprint—just 871 mm x 1700 mm x 373 mm—ideal for cleanroom environments with limited space. The system can handle wafers ranging from 220  $\mu\text{m}$  to 1000  $\mu\text{m}$  in thickness and supports automatic sorting in 25-slot cassettes, with optional configurations for 12, 13, or 26-slot cassettes. It also features an optional internal wafer buffer stage for handling 50-wafer lots.

With a throughput of up to 650 wafers per hour and ESD-safe construction to protect against electrostatic discharge, the WHS-T4 delivers reliable, high-

performance wafer sorting. Manufactured in an ISO9001 certified facility and CE certified, it ensures robust performance and long-term reliability in semiconductor manufacturing environments.

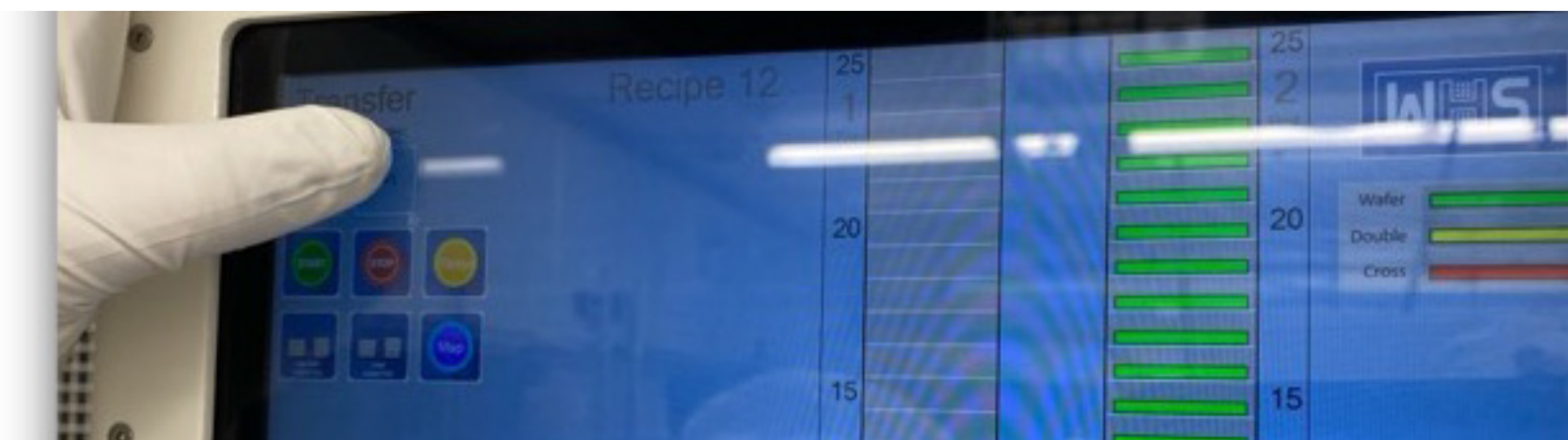
### FEATURES AND ADVANTAGES

- Supports 100 mm, 150 mm, 200 mm, with 150 mm/200 mm option
- Compact design (871 mm x 1700 mm x 373 mm) for cleanrooms
- SECSGEM compatible for tracking and remote control
- Choice of Cognex or IOSS ID readers

## 2-CASSETTE WAFER SORTER

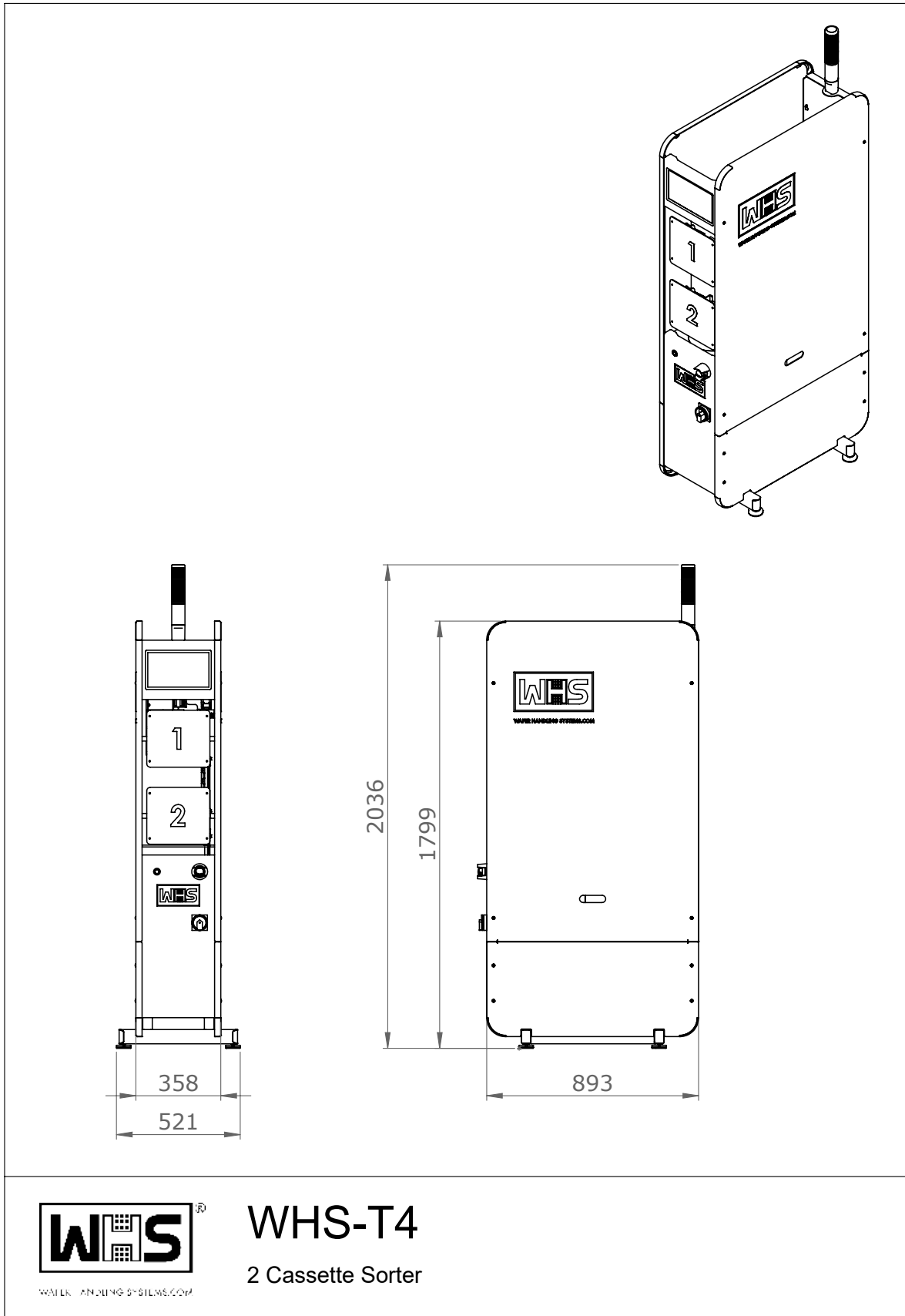
ITEM	SPECIFICATIONS
Wafer size	76 mm, 100 mm, 150 mm, 200 mm
Materials, transfer arm	Antistatic Polyoxymethylene
Materials, stage	Natural Polypropylene
Materials, guides	Antistatic Polyoxymethylene
Cleanliness	ISO 4 (FS209E Class 10)

\*\*\* NOTE: Please specify cassette model number(s) when ordering \*\*\*



### ORDERING INFORMATION

WHS-T4 -	401
CODE	MODEL
401	2-Cassette sorter with OCR, 100 mm (4")
601	2-Cassette sorter with OCR, 150 mm (6")
801	2-Cassette sorter with OCR, 200 mm (8")
701	2-Cassette sorter with OCR, dual size 150 + 200 mm (6"- 8")



WWW.WAFAERHANDLINGSYSTEMS.COM

# WHS-T4

2 Cassette Sorter

date: 31-03-2023 | scale: 1:1 | entity: mm | This drawing is owned by WHS trademark and may not be copied, reproduced or shown to third parties without written permission.

REV122024