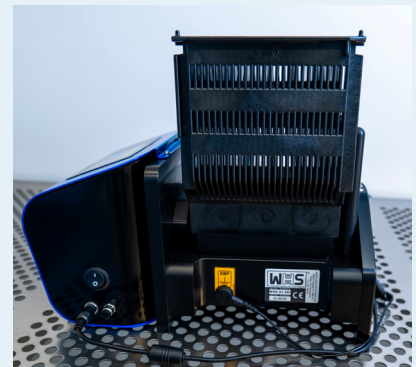
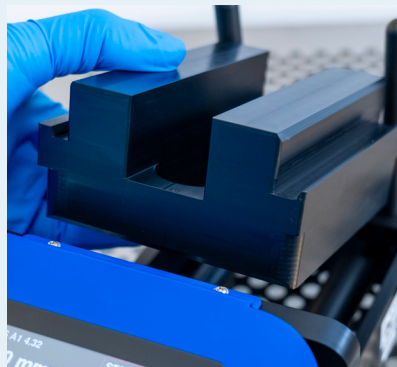
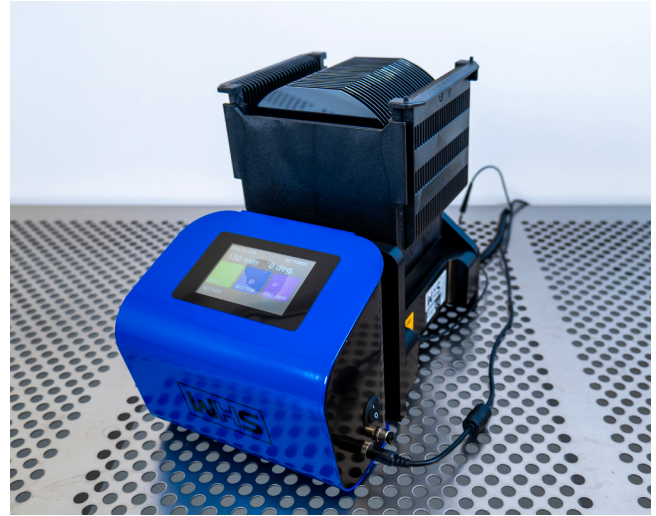


AUTOMATIC WAFER FLAT ALIGNER

The WHS-A1 series from WHS is a state-of-the-art automatic flat aligner designed for precise wafer alignment across 76-, 100-, 125-, 150-, and 200-mm wafers, ensuring accuracy within $\pm 1^\circ$.

Built with cutting-edge technologies and ESD-safe materials, the WHS-A1 is ideal for handling advanced materials like InP, GaAs, GaN, and SiC, making it a perfect solution for today's compound semiconductor industry. The system features a motorized stage for gentle wafer lifting, safeguarding the wafer edges and maximizing production yield.

The integrated touchscreen interface allows users to access multiple programs, including standard alignment, thin/compound wafer alignment, and edge-inspection modes. Designed for cleanroom



environments, the WHS-A1 operates in ISO 3 (Class 1 FS209E) conditions, ensuring compliance with the strictest cleanliness and contamination control standards.

Quick-disconnect roller assemblies make the aligner easy to maintain, minimizing downtime, while compatibility with SEMI-compliant wafer cassettes provides seamless integration into existing processes.

Whether used for lot integrity, crystal orientation, or wafer edge inspection, the WHS-A1 is engineered to enhance operational efficiency and product quality. Manufactured in an ISO9001 and CE certified facility, the WHS-A1 aligns with the highest global standards for safety, performance, and reliability.

FEATURES AND ADVANTAGES

- Antistatic construction with grounded wafer and cassette paths
- Quick-disconnect rollers for simplified cleaning and maintenance
- Accurate primary flat alignment within $\pm 1^\circ$
- Supports alignment, lot integrity, and edge inspection tasks
- Engineered for SEMI-compliant wafer handling

AUTOMATIC WAFER FLAT ALIGNER

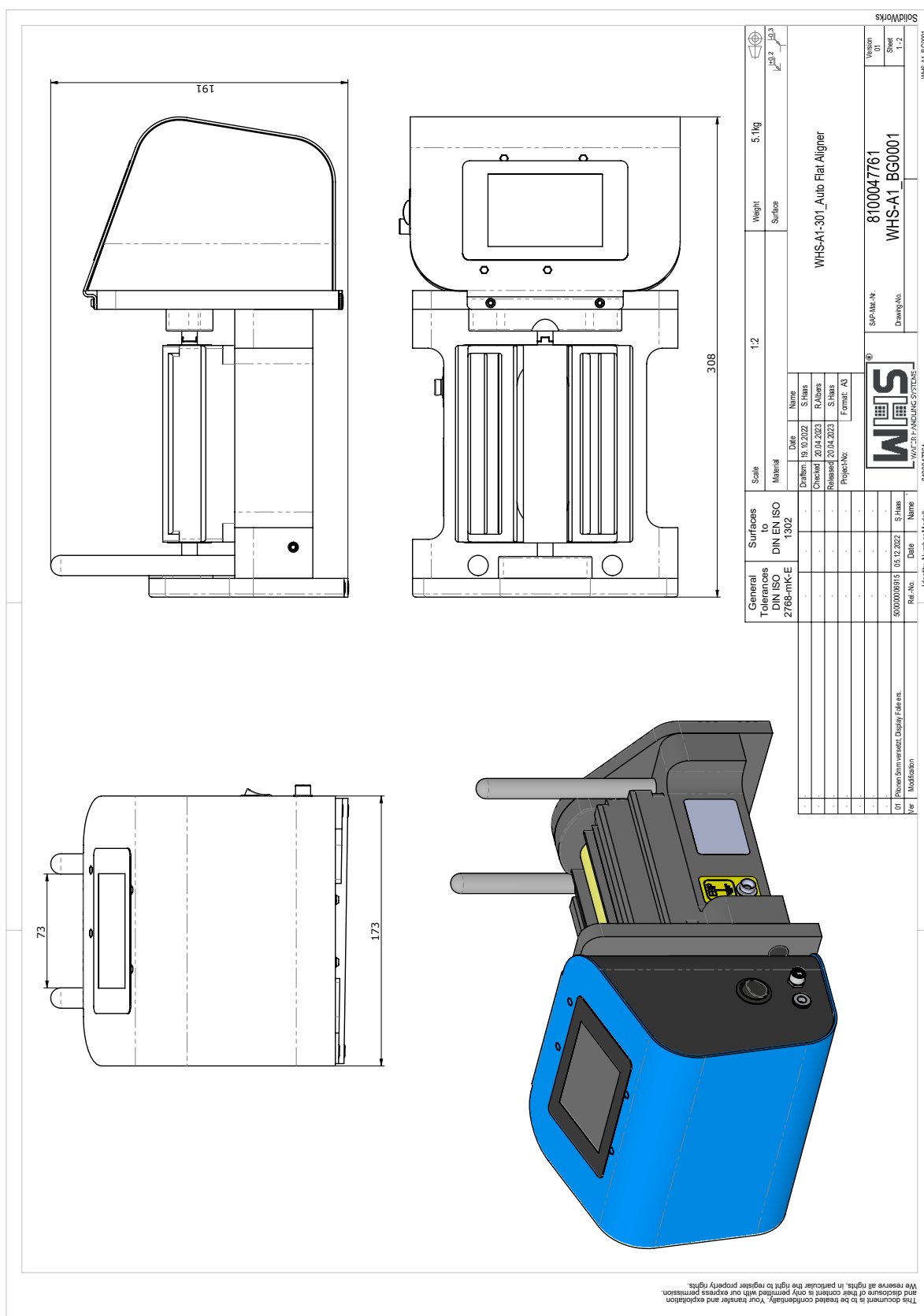
ITEM	SPECIFICATIONS
Wafer size	76 mm, 100 mm, 150 mm, 200 mm or multi-size
Base material	Antistatic Polyoxymethylene
Roller material	Antistatic EPDM
Cleanliness	ISO 3 (Class 1 FS209E)
Replacement roller	WHS-SP-A1/A2/A6-R6_1
*** NOTE: Please specify cassette model number(s) when ordering ***	

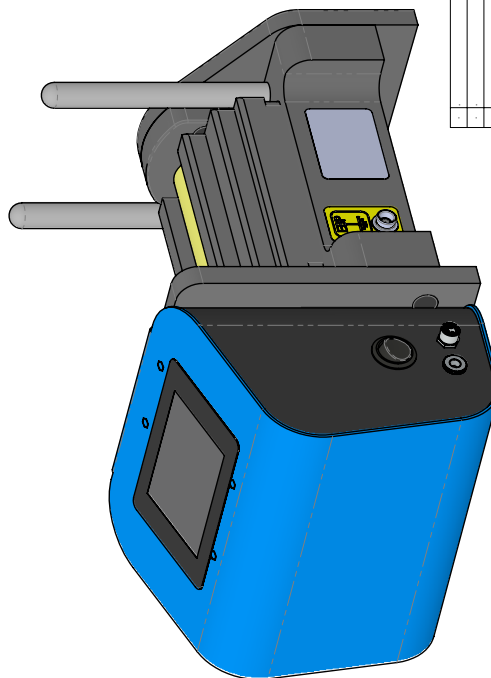


ORDERING INFORMATION

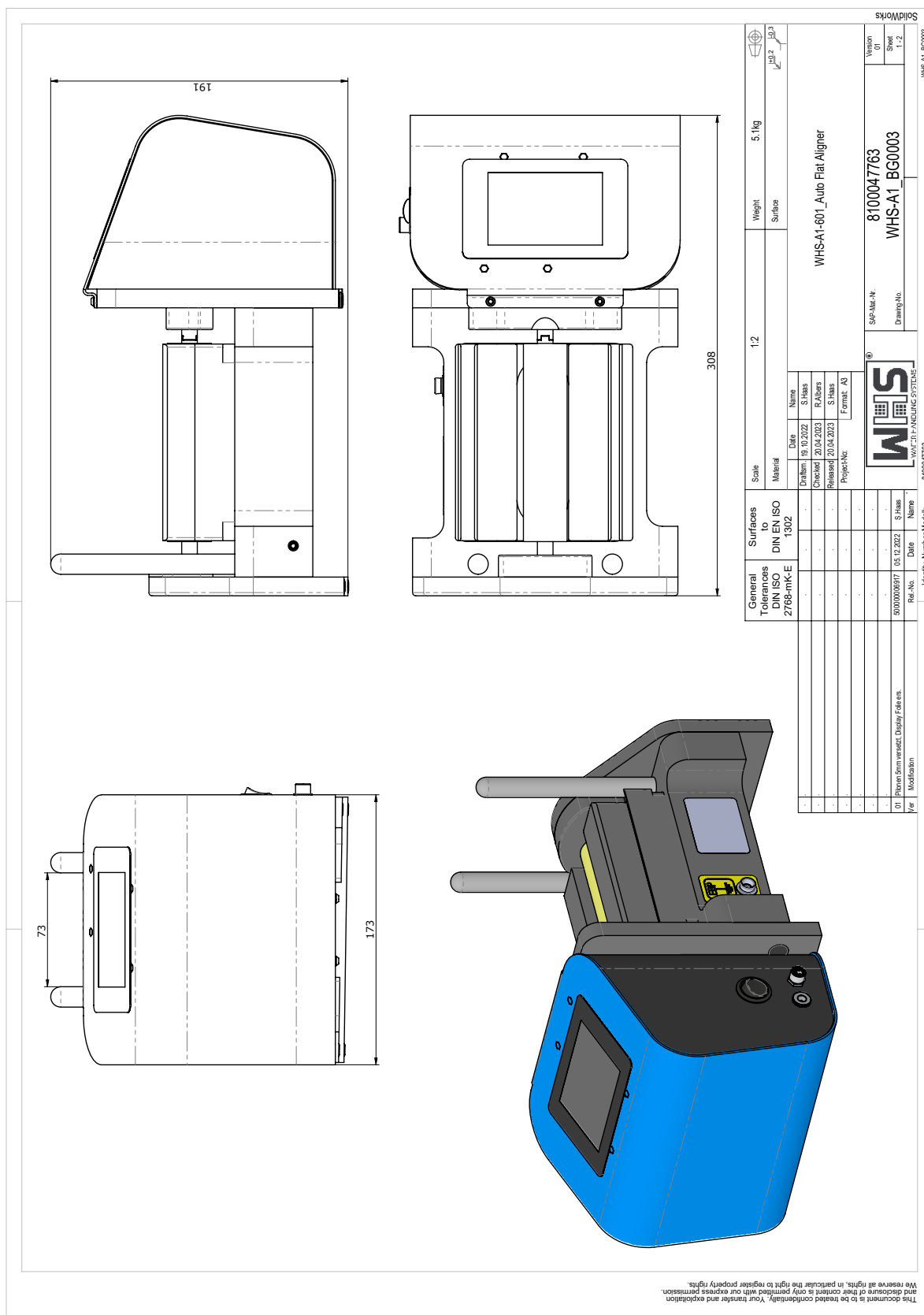
WHS-A1-	701
CODE	MODEL
301	Aligner, automatic flatfinder, 76 mm
401	Aligner, automatic flatfinder, 100 mm
601	Aligner, automatic flatfinder, 150 mm
801	Aligner, automatic flatfinder, 200 mm / NOTE: different model: stage & roller
701	Aligner, automatic flatfinder, multisize 76, 100, 125, 150 mm

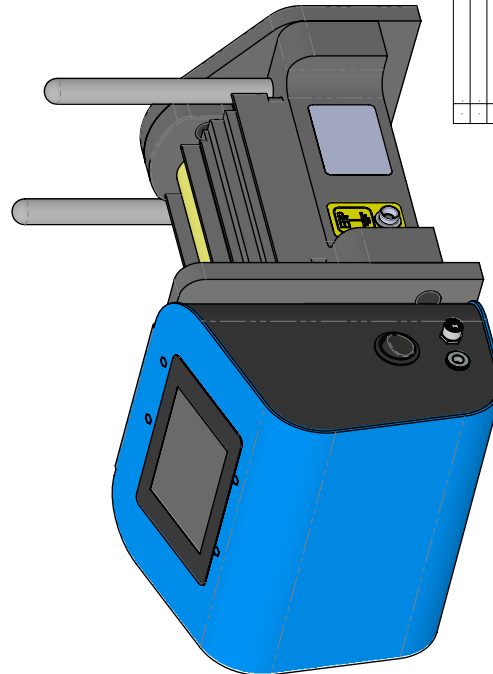
REV072025

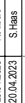


[illegible]

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	General Tolerances to DIN ISO 2768-mS-E		Surfaces to DIN ISO 1302		Scale	1:2	Weight	5.0kg	
	Material		Date		Name		Surface		
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
01	Platen 5mm versetzt, Dusty Feilers.	50000006914	05.12.2022	S Haas			8100047760 WHS-A1_BG0000		Version 01 Sheet 1-2
Ver	Modifikation	Rel. No.	Date	Name	S&P-Mat.-Nr. DWG-Nr.		Identity Number Model: 810047760		WHS-A1_BG0000

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