

AM-SORT

About Us

AM-Flow supports companies in scaling their manufacturing operations through advanced automation solutions.

Our modular product portfolio optimizes post-processing workflows and seamlessly integrates with existing systems - enabling efficient, connected, and high-mix production environments in both additive and traditional manufacturing.



Intelligent workflow routing



Gentle handling of intricate parts



5-10s takt time

AUTOMATED SORTING

Streamline your production workflow with fast, accurate, and fully automated sorting. AM-Sort eliminates manual sorting by automatically directing each product to its correct destination based on identification data by AM-Vision, ensuring consistent and error-free handling.

By automating this critical step, manufacturers can significantly reduce labor dependency, increase throughput, and maintain a reliable, scalable workflow in high-mix production environments.

PRECISION AT SCALE

AM-Sort uses intelligent decision-making to classify and route each individual product with high accuracy. Whether handling complex geometries or a wide variety of parts, the system ensures every item is sorted correctly and efficiently either to order or next processing step.

This level of precision minimizes errors, reduces rework, and supports continuous operation making it ideal for scaling production without compromising quality or control.



Let's talk!



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DATA-DRIVEN FLOW CONTROL

AM-Sort transforms sorting into a fully traceable and optimized process. By capturing and logging detailed data at every step, the system provides valuable insights into product flow, performance, and process efficiency.

Combined with upstream identification and downstream handling, AM-Sort enables seamless decision-making across the workflow-improving visibility, enhancing quality control, and driving continuous optimization of your production operations.

General information

- Takt-time: 5-10 seconds
- Outputs: 8 + 1 (configurable)
- Display at every exit
- Pneumatic controlled flippers

Product size

- Minimum size: 10x10x10mm
- Maximum size: 300x300x300mm

System

- Dimensions: 4700x1250x1170mm
- Weight: 500 kg

Software

- AM-Logic integrates all AM-Flow modules with existing IT infrastructure, including ERP and MES systems, providing a cohesive digital backbone for efficient factory operations and full traceability of products

Technical requirements

- Power supply:
 - Connected to AM-Vision
- Connectivity:
 - Local area network with 100 Mb/s
 - 1 Gb/s Ethernet connection
- Air supply: 5-8 bar/ 202 l/min



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