



## About Us

AM-Flow supports companies in expanding their (Additive) Manufacturing capabilities through advanced digital identification solutions designed to streamline post-processing workflows. Our product portfolio consists of various modules for workflow optimization seamlessly integrating with existing systems in high-mix high-volume 3D factories.



Increased productivity



Labor efficiency



Consistency & precision

## AUTOMATED FEEDING

Effortlessly automate the feeding of your production line with precise, one-by-one product handling ready for individual identification. AM-Feed optimizes your workflow by streamlining product infeed, ensuring unmatched efficiency and precision.

AM-Feed combines intelligent automation with precision product handling to optimize your post-production process. By integrating this system, you can achieve greater throughput, reduced labor costs, and improved operational efficiency in a fully automated manner.

## INTELLIGENT AUTOMATION

The AM-Feed is equipped with four transport belts that allow for bulk product loading, ensuring continuous operation with a takt-time of 5 seconds per part. Its SMART Feeding System, featuring a camera for detecting and managing product flow, guarantees precise one-by-one movement of products from the transport belts to the AM-Vision input belt. This efficient process enables the AM-Feed to handle up to 720 products per hour, significantly boosting the overall throughput of your production line.





## EFFORTLESS AUTOMATION

Operators can load large batches of products onto the four transport belts of the AM-Feed. The system automatically feeds each product into the AM-Vision or AM-Quality, drastically reducing execution time from 20 minutes to just 2 minutes. This translates into a significant boost in both efficiency and productivity, freeing up valuable operator time.



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### General information

- Infeed belts number: 4
- Takt time: 5 sec
- Throughput: 720 parts per hour
- Speed : 50mm/s (infeed) 90mm/s (outfeed)

### Product size

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

### System

- Dimensions: 2000x2300x2500mm
- Weight: 450kg
- Directly attached to the entry of AM-Vision/AM - Quality

### Software

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

### Technical requirements

- Power supply
  - 110/230V ac
  - Max power: 800W
  - Idle power 250W
- Connectivity:
  - Local area network with 100 Mb/s
  - Ethernet connection to any AM-Flow standalone system



**Let's talk!**

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