



AUTOMATED FEEDING

Effortlessly automate the infeed of your production line with controlled, one-by-one product handling-ready for downstream identification, inspection, or sorting. AM-Feed streamlines product input by transforming bulk batches into a continuous, structured flow, ensuring consistent efficiency and precision across your workflow.

AM-Feed combines intelligent automation with reliable part separation to optimize upstream processes. By integrating this system, manufacturers can increase throughput, reduce manual handling, and improve overall operational efficiency within automated production environments.

INTELLIGENT AUTOMATION

AM-Feed is equipped with multiple conveyor belts that enable bulk product loading and continuous operation. Its smart feeding system uses vision-based detection to regulate product flow, ensuring accurate singulation and controlled transfer to downstream systems such as identification or quality inspection modules.

This controlled and consistent feeding process enables high throughput while maintaining precision, supporting scalable operations in high-mix, high-volume environments.

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.



One-piece flow feed conveyor



Automated part singulation



Fixtureless part handling



5-10s takt-time





EFFORTLESS AUTOMATION

Operators can load large batches of products directly onto the AM-Feed conveyors in under a minute, after which the system automatically manages separation and infeed. This significantly reduces operator touch time while improving consistency and reliability.

By automating the transition from bulk handling to individual product processing, AM-Feed frees up operator capacity and enables more efficient use of labor across the production workflow.



LEARN MORE



General information

- Infeed belts number: 4
- Takt time: 5-10 sec
- 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 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!

+31-85-0187687

info@am-flow.com

BIC 1, Eindhoven, NL