

# CORE MODULES SETUP

AM-Flow enables companies scaling their additive manufacturing production by providing digital part identification solutions that allow companies to automate their post-processing workflow.

Combining expert knowledge in the field of 3D-shape identification, industrial machine vision and AI software, together with the integration of AM production-line hardware and MES software, AM-Flow delivers building blocks to end-to-end automate the 3D-printing process.



## Part recognition puts you in control of your workflow

VISION uses machine learning algorithms to identify parts. Parts are identified based on their unique geometry using computer vision technology.

## Digital tracking and tracing make paper history

Our LOGIC software connects to your ERP or MES software, enabling full track and trace of your parts throughout production is history.

## First step towards your lights-out factory

VISION is the initial step in realizing a fully lights out AM factory. Once the part is identified, you can route the part to the next batch step. You are in control.

## VISION



### Performance

Scan time: 0.2 sec per part  
Conveyor speed: 5 sec per part  
Max part size: 400 x 300 x 300 mm  
Accuracy first time right: 97%  
Accuracy recognition top 3: 100%  
Zero false positives

### Benefits

Cost reduction, Less manual handling, Quality improvement, Lead Time minimalization,

## SORT 7+1



### Performance

Conveyor speed: 5 sec per part  
Max part size: 400 x 300 x 300 mm

### Benefits

Increased workflow efficiency, Tracking & tracing, Certifiable production process, Automatic data entry, Automatic counting, Industry 4.0 Digital thread.

## BAGGING



### Performance

Tabletop Bagging & Labelling module, fully integrated with LOGIC and SORT  
Min-max bag size: 55-260 x 102-430 mm  
Speed: 25 bags per minute

### Benefits

Custom Bagging & Labelling, Lead Time reduction, Labels fully customizable

### Let's talk!

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