

# SMARTPM

Industry | Future

## METAFLEX<sup>300</sup>

Powered by MIC

### Increase the hours of operation of your critical assets

The METAFLEX300 is an autonomous warehouse management and machine feed solution.

Powered by the MIC automation platform, it allows a quick first step towards productivity improvements and autonomy.



### An intelligent pick & place and storage system

#### Plug & Play

Minimum impact during the set up and implementation.

#### Easy to use

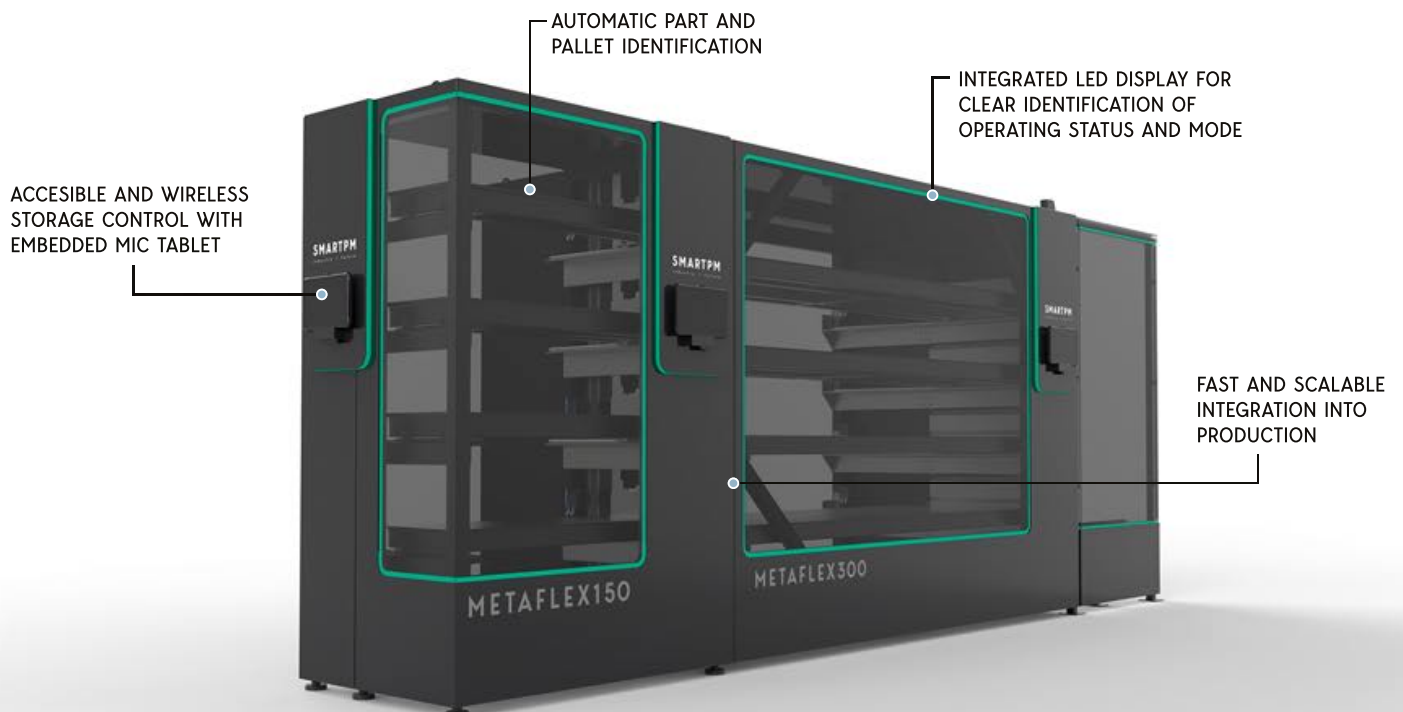
Intuitive and simple user interface.

#### Scalable

Configurable and able to grow to accompany the processes.

#### Flexible

Versatile use to serve different machining processes and types of parts (weight and volume).



**Increase autonomy in your processes**

# METAFLEX<sup>300</sup>

Powered by MIC



LOADS UP TO 3\* OR MORE\*\* MACHINES



SUPPORTED WEIGHT BY THE ROBOT



UP TO 5 LEVELS OF STORAGE



UP TO 1,800 KG PER LEVEL



CAPACITY UP TO 60 PALLETS

- Storage capacity up to 9,000 kg providing "hours" of unattended production
- Up to 5 levels of storage with flexible configuration
- Compatible with other storage systems
- From only 3 m<sup>2</sup> footprint
- Feeding one or multiple machines and 3,200 mm transfer path
- Small to medium parts: up to 300 kg (part+fixture) using a 6 axis ABB robot
- Management of both palletized parts and tools
- Various pallet types supported: up to 500 mm width



- Real time storage control with embedded MIC tablet
- MIC monitoring and traceability
- Wireless and touch screen providing remote access
- Preset workflows library
- Able to integrate inspection processes
- Automatic part or pallet type identification and gripper change management
- Functional SMARTPM storage enclosure with integrated 360° led display for clear identification of operating status and mode



Automation powered by

## MIC MANUFACTURING INTELLIGENCE CORE



Workflow manager



Device manager



Dynamic Planner



Dashboard

### Compatible with different types of pallets and customized fixtures

As a reference the system could host up to:

	Max. dimensions per part	Total parts
UPC 320	400x400x400	48
MTS 400/500***	500x500x400	20

\* Depend on machine size, accessibility and cell layout. \*\* With optional linear track. \*\*\* Parts mounted on adjacent positions

SEE IT IN MOTION  
IN YOUR YOUTUBE CHANNEL



DISCOVER THE **METAFLEX** FAMILY FOR DIFFERENT LOAD CAPACITIES

## SMARTPM

Industry | Future

info@smartpm.es  
(+34) 943 707 097

www.smartpm.es



FOLLOW US



Enabling  
autonomous  
production