

SMARTPM

Industry | Future

METAFLEX 150

Powered by MIC

Pick & place and intelligent storage

The METAFLEX150 storage system, powered by the MIC automation platform, is prepared to be easily integrated in the manufacturing process and provide autonomy to one or more machines.



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).



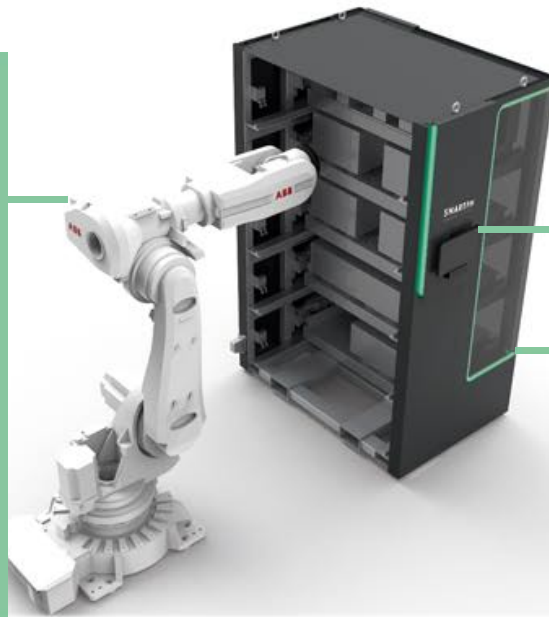
Increase autonomy in your processes

METAFLEX 150

Powered by MIC

Autonomous warehouse management and machine feed solution

- 6 axis ABB robot.
- Management of both palletized parts and tools.
- Payload up to 150kg.
- Range 2,2 m.
- Various pallet types supported (from 50 mm for electrodes to 320 mm for small and medium parts).
- Automatic pallet type identification and gripper change.
- Flexible, configurable and able to expand to bigger solutions.



- MIC monitoring and traceability.
- Wireless and touch screen.
- MIC modules: Core, UI, Processes, Inspect, Data y Builder.

- SMARTPM storage enclosure with integrated 360° led.
- Footprint 1,5 m2.
- Single or multiple machine feed.
- Preset workflows library.
- Preset to integration with CMM inspection systems.
- Small parts, tools and fixtures.



LOADS UP TO 3 MACHINES*



SUPPORTED WEIGHT BY THE ROBOT



UP TO 5 LEVELS OF STORAGE



UP TO 500 KG PER LEVEL



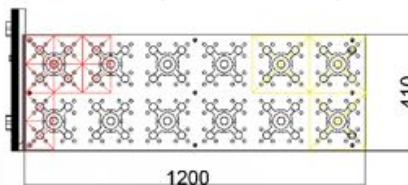
Allows mixed configuration with different pallet types

Adaptable to different palletization systems

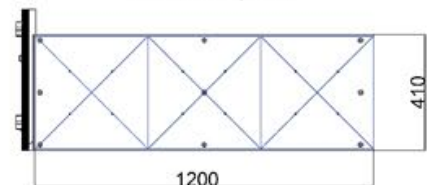
Reference with ITS and UPC systems (adaptable to other type of pallets):

	Max. dimensions per part	Number of parts per level	Total amount of parts
ITS50C	100x100x300	48	240
ITS148	200x200x300	12	60
UPC320	400x400x300	3	15

ITS50C 48 parts / ITS148 12 parts



UPC320 3 parts



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

* Depends on the machine size, accessibility and cells distribution

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Enabling
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