

# 001MA

## Driven Automated Storage System

**Modular storage system** which operates in a synchronised manner with the movement shuttles, designed for **vertical storage of sashes, frames or finished windows**.

Ideal for organising the workflow or for optimising production space, as it **creates a buffer** which is able to compensate for lags in the production line.

Each element is constructed entirely of powder-coated welded tubular section steel and is composed of **160 mm wide compartments**, each equipped with **lateral rollers** which facilitate the entry and exit of the frame, as well as with an **anti-tipping frame on the first compartment**.

### Introduction

#### Modular, for perfect configuration

The movement of the frames is performed by tracks with **belts driven by the shuttle** through mechanical coupling (gear wheel and pinion) assisted by **arms covered with brushes**, installed on **vertical racks inclined by 8-10°**.

### The Plus of Driven Automated Storage System

#### Stop manual handling

1. **Creates a buffer** which is able to compensate for different timings in the production line.
2. The components **can be called to the workstations** in four different ways.
3. Allows **automatic classification** of the welded (creation of frame/sash kit) or glazed elements.
4. **Eliminates manual movement** of the elements.



The operation of the driven automated storage and retrieval system is configurable to meet customer requirements. The various components can be called to the workstations in four different ways:

- By individual frame/window.
- By **individual order position**.
- By **entire order**.
- The system **automatically** takes the pieces to the stations when the kit is complete.

## Specifications

### Dimensions

Length	4.300 mm
Width	2.400 mm
Height	3.400 mm
Weight	2.400 mm

### Details

Installed Power	3,0 Kw
Power Supply	400 V
Air Consumption	- NI/min
Operating Pressure	- bar

## Operating Features

### Composition

#### Structure

160 mm wide compartments.  
Lateral rollers.  
Anti-tipping frame on the first compartment.  
Arms covered with brushes.  
Vertical racks inclined by 8-10°.

#### Machining

Vertical storage of sashes, frames or finished windows.

**Operators** n. 1

## Technical Features

### Performance

Depending on the system to which it is connected.

### Workable Frame Dimensions

Length	2.800 mm
Width	1.400 mm

## Optional

**Upon request the machine can be equipped with:**

**200 mm** compartment with **belt**.

Individual **160 mm** compartment with **belt** driven by electric gear motor with inverter.

**Driven movement on both sides** of the module.

Individual **200 mm** compartment with **belt** driven by electric gear motor with inverter.