

# One-piece flow parts washer

One-piece flow cleaning • Lean manufacturing

## New MecanoFAST

# 250



### » FAST

Cleaning and drying in few seconds



### » ULTRA COMPACT

Reduced floor space 1400 x 800mm ( 55"1/8" x 31"1/2)



### » EFFICIENT

Meets cleanliness standards  
particle size - gravimetry



### » POLYVALENT

Manual or automatic loading



**MANUFACTURED IN FRANCE**  
In our workshop located in Normandy

**MecanoLav**  
Smart Cleaning

## Custom-made cleaning a standardized solution

The MecanoFAST patented technology is based on a **dedicated part cleaning, by considering its geometry and complex shapes**. With this solid base, MecanoLav used its innovation and know-how to design this new model, the smallest of the range.



## Easy integration between process

With useful dimensions of Ø150 mm (5 7/8") and a height of 250 mm (9 13/16"), this new and ultra compact machine has a **footprint of only 1400 x 800 mm (55"1/8" x 31"1/2)**.

Designated to clean small components, it can be easily integrated inside the production line and **reduce technician walking time between processes**.

## Optimize your "takt time" continuous production flow without buffer

The MecanoFAST 250 ensures a short cycle time between **20 to 60 seconds** including the cleaning and drying process.

- » One-piece flow
- » Loading / Unloading **at the same position**
- » **No buffer required**
- » Quick machine fault detection during cycle

## High performance level targeted cleaning and drying

The part fixtures and the cleaning/drying tools are designed in our design department, depending on the parts geometry :

- » **Cleaning and drying critical areas** (blind holes, internal thread, circuits...)
- » Part temperature under 30°C
- » **Perfect drying**

## Flexible and polyvalent adaptation to the production flow

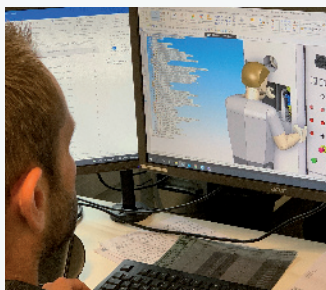
Depending on the customer requirements, MecanoFAST 250 can be manufactured in 2 versions :

- » **100% manual** > loading station equipped with a manual sliding door for process outside of the production line.
- » **Polyvalent** > protected with a light curtain, the process can be fully automated with a **robot / cobot**.

## Reduce operating cost by 50% adaptable and evolutive

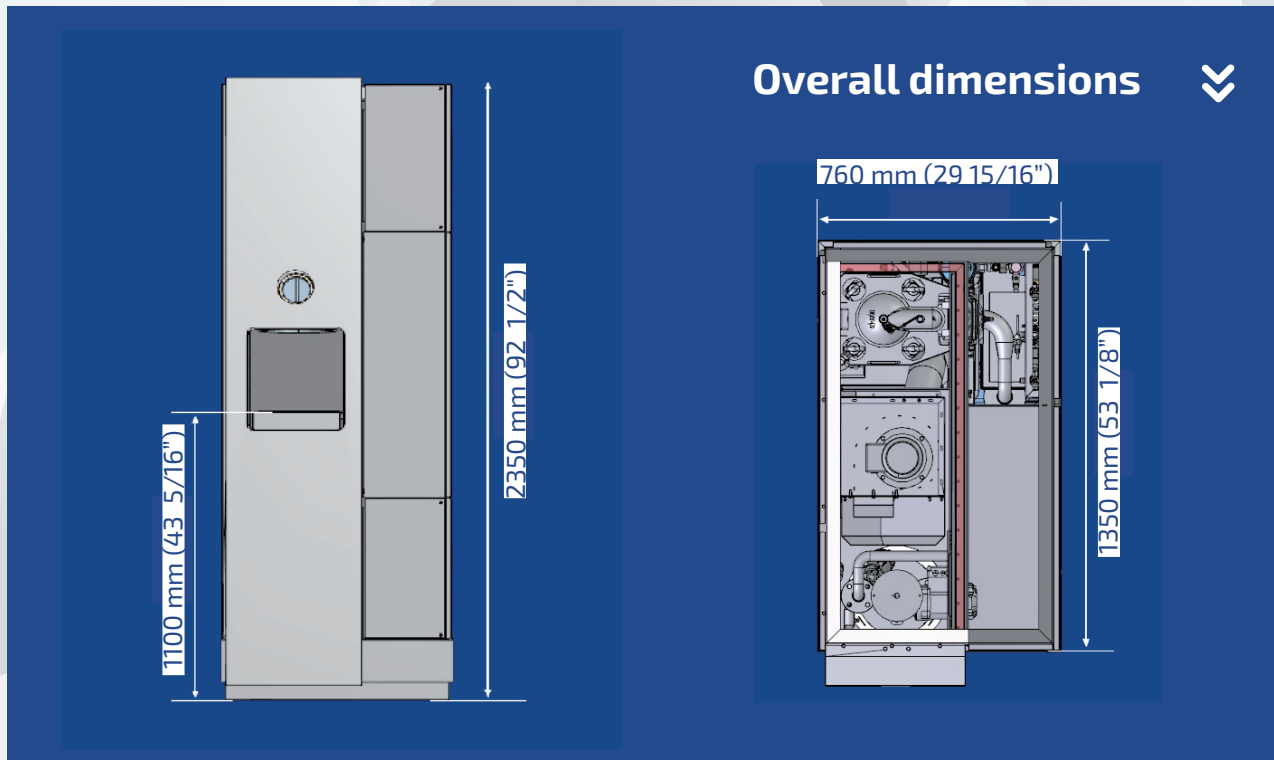
The MecanoFAST 250 is consuming **2 times less energy** and uses 4 times less water than a traditional system such as **Tunnel or Carousel process**.

- » Quick change over > less than 2 minutes,
- » Reconfigurable > only parts fixture and tools need to change/redesign



# One-piece flow degreasing / cleaning machine

## Lean manufacturing | One-piece flow cleaning



### Integrated or optional equipments ▼

- Solid painted steel frame
- Fine filtration
- Work chamber with elevator
- Cleaning and drying tools with specific part fixture
- Option between light curtain or manual sliding door for loading/unloading
- Air / air steam condenser
- PLC with touchscreen display
- Robot friendly
- Coalescent oil separator
- Automatic detergent dosing device with low level detection
- Maintenance access by sliding panels

### Line of business ▼



#### AUTOMOTIVE

- » Process outside of the production line
- » High-flow production
- » In-process & final cleaning
- » Cleaning before control
- » In robot cell

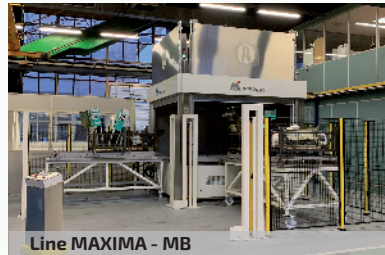


#### INDUSTRY & HT

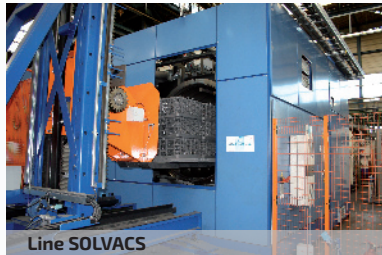
- » Cleaning before control
- » High-rate production
- » In-process cleaning
- » Final cleaning



Line MecanoFAST



Line MAXIMA - MB



Line SOLVACS



Line POWERJET



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