



Development, Design and  
Production of automated  
machines for disposable  
blister card filling

# About Marti Sala S.A.

*From manual steps...*

*to automated processes.*



Marti Sala's pharmaceutical division specialises in the development, design and production of machines aimed at the automation and traceability of pharmaceutical processes.

Since its foundation in 1921, Marti Sala has developed advanced industrial items through the application of the latest available technology, in order to be leaders in our sector and provide the best solutions for our customers.

## Product Benefits

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*MS Farma undertakes virtually all the steps required to repackage tablets prior to supply to the individual patients*

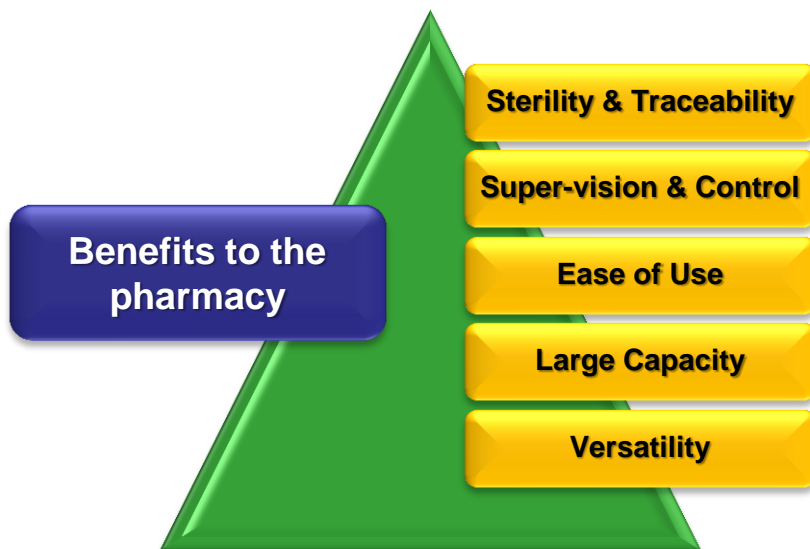
To achieve this, MS Farma is...

- ... based on a versatile systems architecture.
- ... tailor-made to fit the specific needs of each customer.
- ... designed to cater to the needs of pharmacies that handle large volumes of blister packs on a regular basis.

## Product Benefits

*One single person is sufficient to operate MS Farma.  
MS Farma handles all the allocation of tablets, sealing and  
labelling itself - the user only needs to load the tablets in its  
original packing, cartons and blister pack plastics*

MS Farma offers...



# Product Benefits

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## Sterility & Traceability

Pills remain within their original protective packaging until they are allocated to the individual prescription pack.



## All-in-one supervision & control

Integrated computer based system to manage stocks, forecast consumption, and supervise production process in real-time.



## Production reports

interactive software-based system to help compiling useful information from a combination of raw data, documents, personal knowledge, or business models to identify and solve problems.

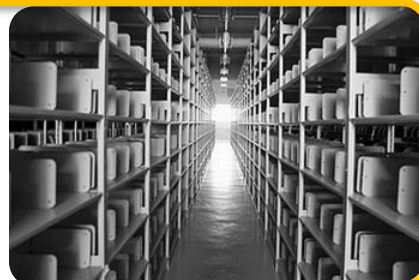
## Easy to use

Only four steps required to produce prescriptions: allocate cartons & blister plastics, introduce tablets in original packaging, enter patient's medication & dosage, press button, and let the machine do the work for you.



## Large Capacity

Standard version of MSFarma comes with sufficient capacity to house up to 350 different types of tablets simultaneously.



## Versatile

Blisters can be produced for any given point in time – MSFarma processes individual or sequenced production runs, which can be submitted, paused and restarted at your convenience.



# Hardware Features

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- MS Farma's blister trays are custom made for safety reasons in order to ensure that only the correct tablets/commercial blister packs are placed into the respective tray.
- MS Farma's standard set-up accommodates 350 different tray types, but can be increased to meet your requirements.
- MS Farma comes with 68 trays designed to handle half-tablets - this space could also be used to either increase capacity of the 'regular' blister trays or accommodate 'loose' tablets delivered in bulk packaging.
- Over-size medicines (e.g. vaccination, creams, eye-drops,etc.) can still be prescribed as MS Farma adds this information to the medication printout on the back of the blister. These tablets need to be handed to the patient separately, but the blister still makes reference to them to ensure traceability.

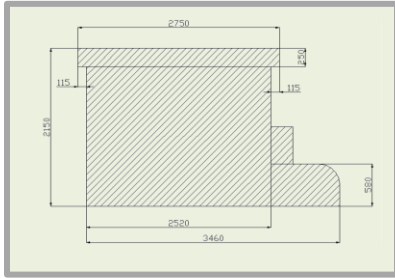


## Software Features

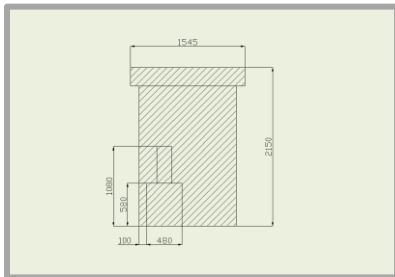
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- MS Farma's software enables the user to access, manage and update patient information, such as name, address, health-care centre, etc, whilst also allowing advanced search queries.
- Industry-standard encryption technology used to safeguard confidentiality.
- A complete production history is also kept to ensure traceability.
- MS Farma's software automatically highlights potential shortfall in stock before entering the production sequence.
- Should stocks be exceeded then the production sequence is stopped automatically and a red light at the respective stock-space indicates which medicine needs to be replaced.
- The production sequence will NOT be continued until the stocks have been refilled AND the data of the newly entered commercial blister packs (reference number, expiry date) have been entered into the system, in order to ensure full traceability of the used tablets.
- Forecast demand and a wide range of production statistics are available.
- The software is based on a graphical interface and available in English, Spanish and Catalan. Other languages can also be added, if required.

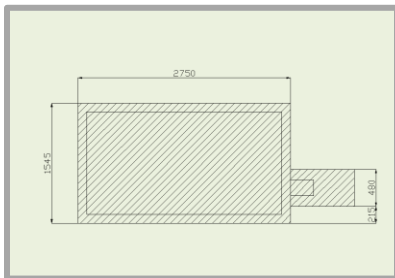
# Technical Details



Side View



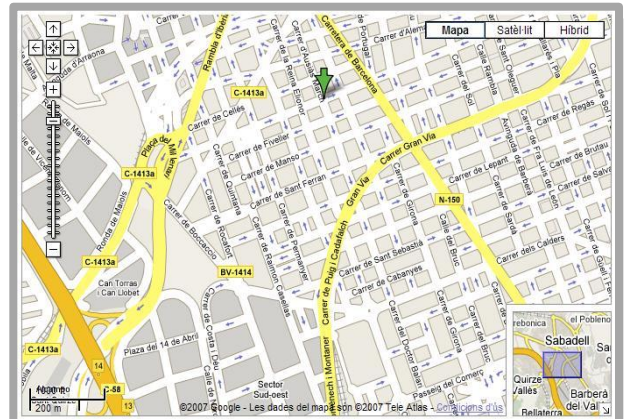
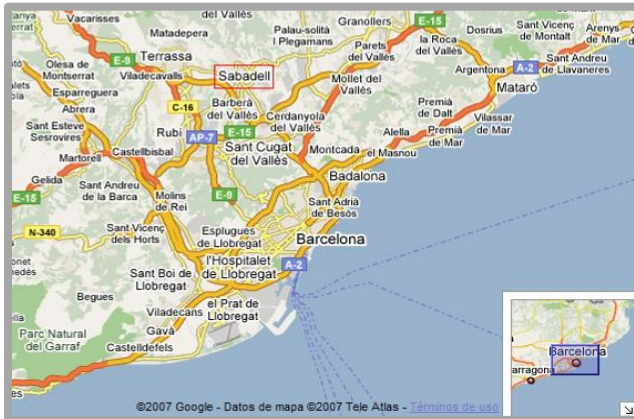
Front View



Top View

- Capacity: The standard model can handle up to 350 different types of commercial blisters-packs, and is extendable to serve any individual volume needs.
- Size Standard Model (in mm):
  - 1500 (Height) x 2300 (Length) x 2200 (Width)
  - 1500kg (Weight)
- Required power supply: 5 Kw
- Machine is delivered with:
  - Operating computer and software (based on Windows).
  - User Manual
- Training: Machine available for rent to enable familiarisation with blister production process.
- One year warranty.
- Service and Technical Assistance:
  - Phone and Remote Support available 24/7.
- Optional Maintenance package includes:
  - Annual Service and Maintenance (Material not included).
  - Software Support.
- Worldwide patent pending.

- Please see our website [www.martisalasa.es](http://www.martisalasa.es) for videos and further information.
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- Our Offices are located in Sabadell, which is a 30 minutes' drive from Barcelona.



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