



SOIN3

LEAN MANUFACTURING

- Aluminio
- Ecopipe
- Durawood
- Karakuris



PACKAGING SOLUTIONS

- Steel Racks
- Canvas dunnage
- Stainless steel racks
- Combs of foam, XLPE, PVC
- Thermoformed trays
- Cardboard and Plastics boxes
- Pallets wood



SOIN3

ENGINEERING OF
HANDLET MATERIALS

SPECIALIZED SERVICES

- Deliver on sequency
- Warehouse management
- Subassemblies
- Management and maintenance of empty packaging fleet.

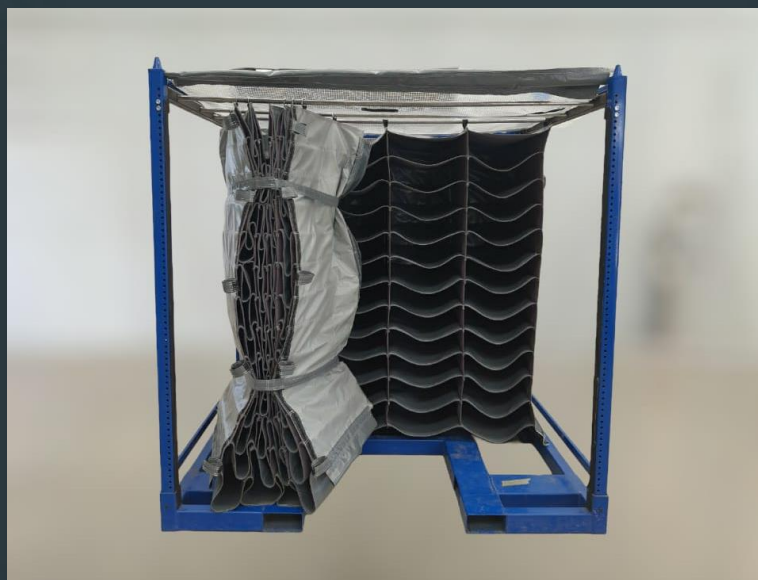


MANUFACTURE & INTEGRATION.

- Conveyors automation
- Robot
- Vision systems
- PLC's programing
- Robots programing



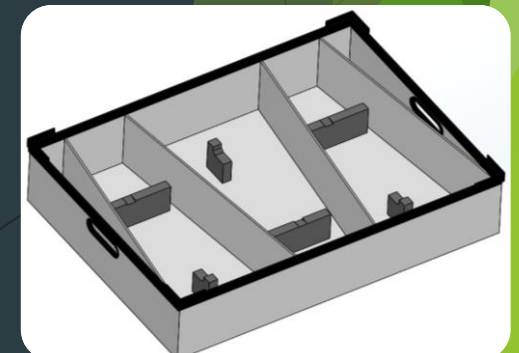
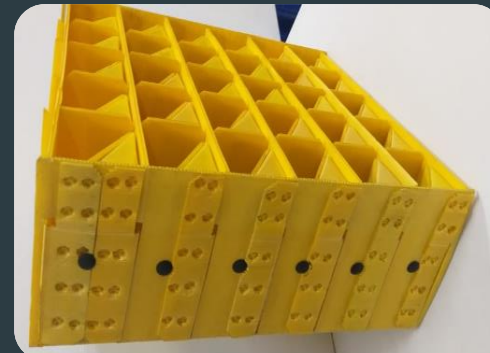
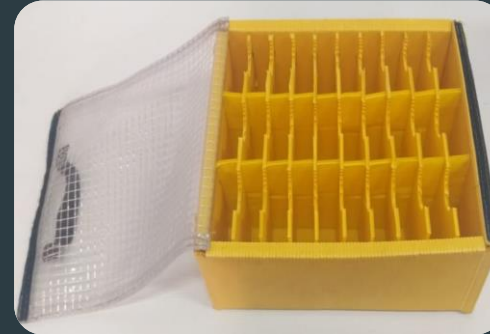
Racks Customized Solutions.



Custom Packaging Solutions (ultrasonic welding)

According to specifications can be used in different materials:

- Plastic carton
- PP Corrugated
- Coroplast
- Eurogrey

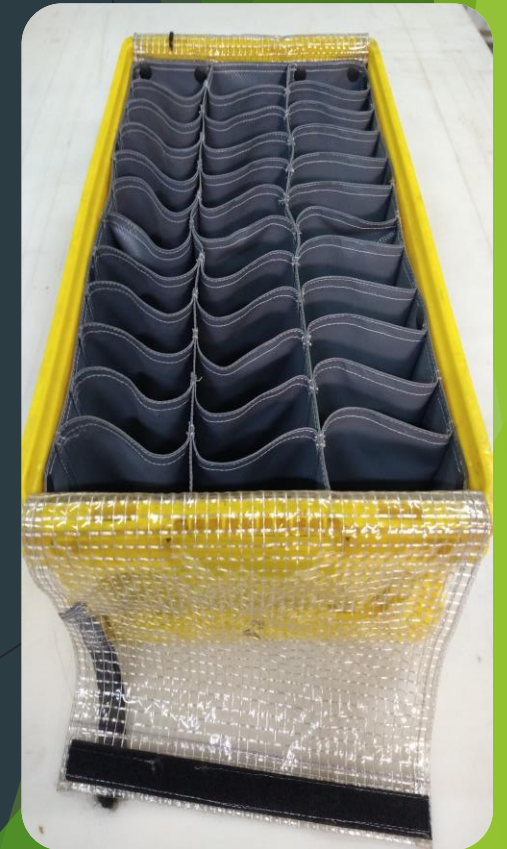
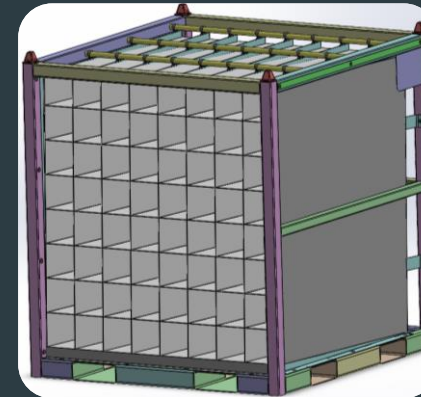




Custom Canvas Solutions (Design and development)

According to specifications can be used in different packaging:

- Plastic Boxes
- Bulks container
- Metallic racks
- Special projects

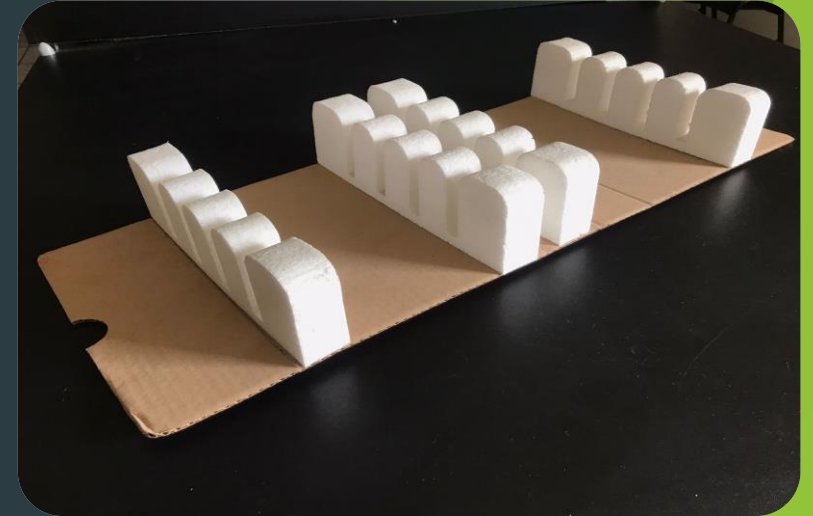
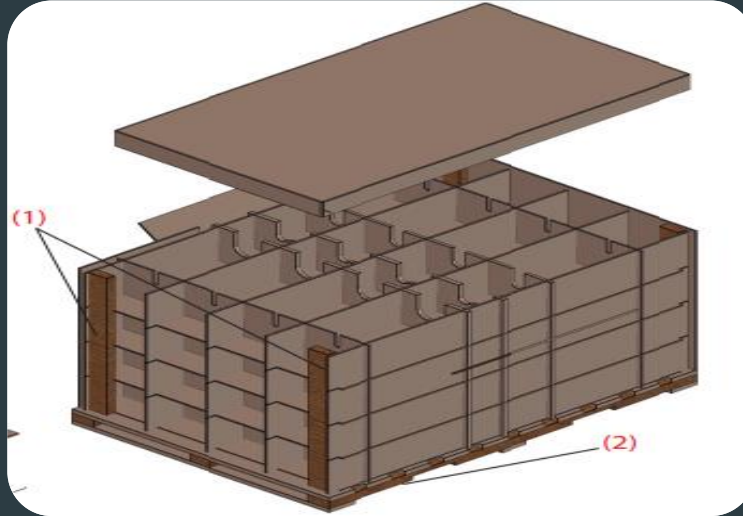




Custom Thermoformed Solutions (Design and development)



Cardboard Solutions (desing & development)





Lean Manufacturing Durawood Applications



Lean Manufacturing

Durawood Applications



DURAWOOD BENEFITS

- Flexible and unbreakable
- Light
- Impact resistant
- 100% Recyclable
- Not toxic
- No splinters or Sharp edges
- Excellent resistance to chemicals and solvents.
- ESD available

Lean Manufacturing

Eco Pipe Applications



Advantages of ECO-PIPE



Eco-Friendly

ECO-pipe is fully recyclable.
Powder painted steel pipe of internal
and external surface



Money Saver

Economical, save money!





Lean Manufacturing Aluminum Applications



Lean Manufacturing

Karakuris



Lean Manufacturing

Karakuris



Lean Manufacturing

Karakuris

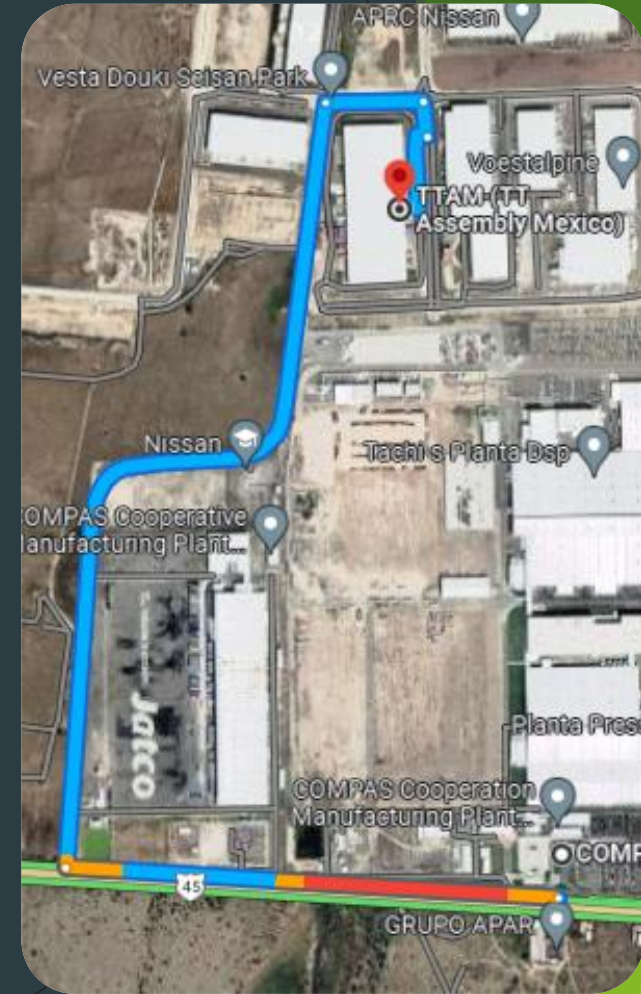




Specialized services for the automotive sector

Packing Floats Management

Sequenced Supply





Specialized services for the automotive sector

Packing Floats Management

Sequenced Supply



Manufacture & Integration Division



MANUFACTURE

- Conveyors automation
- Inspection
- Testing
- Assembly

INTEGRATION

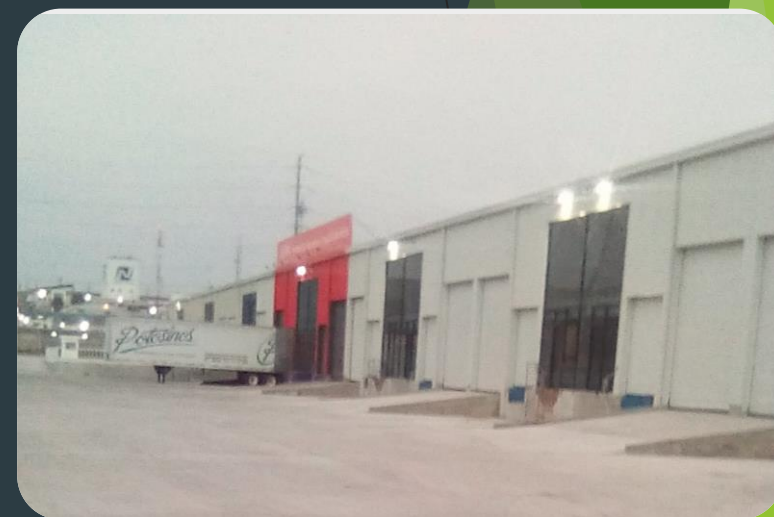
- Marking
- Robot
- Vision systems
- PLC programming



FACILITIES AGUASCALIENTES, AGS.



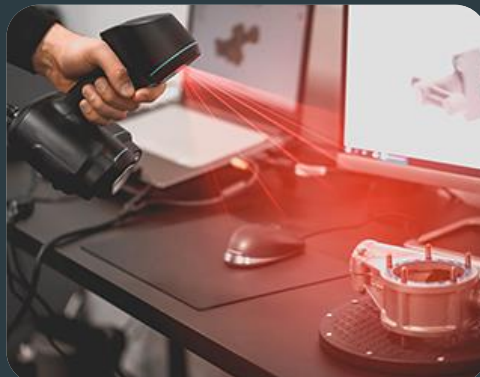
FACILITIES QUERETARO, QRO.





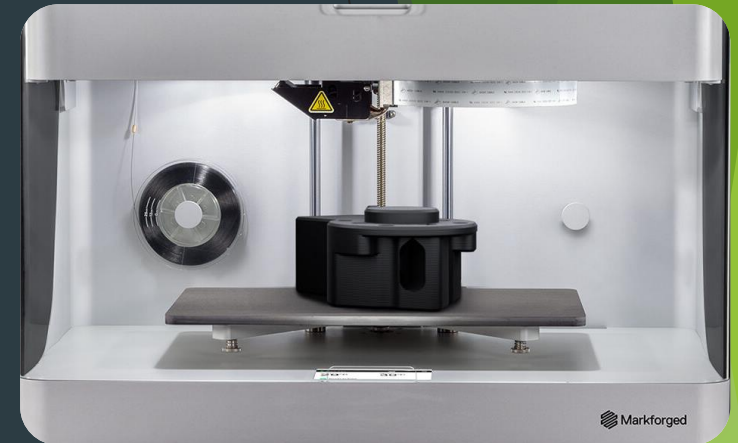
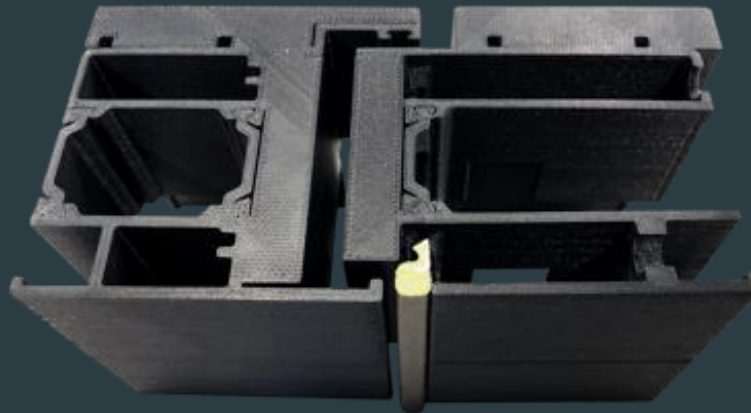
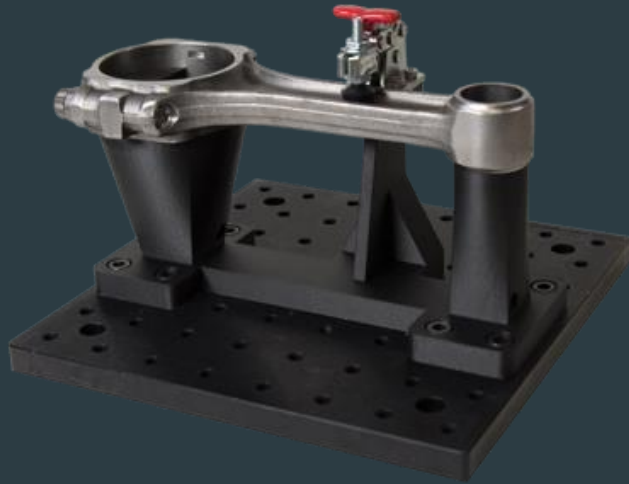
Escáner 3d

- Precisión: Maximum 0,100 mm
- Exactitud volumétrica: 0,300 mm/m
- Volumetric accuracy : 550 000 measurements / second
- Texture resolution : De 50 a 250 PPP
- Scope of the size of the parties : (recommendedo) 0,05 – 0,5 m





3D Print Service



- Dimensions of impression: Maximum 320 mm x 132 mm x 154 mm.
- Maximum layer resolution : 100 micrones
- Printing materials: Carbon Fiber, Glass fiber, Kevlar etc.
- Applications: prototyping, final parts, that in automation, etc.



Cutting Laser Process

MAIN FEATURES

Cutting Capacity (depth): From 3 to 16 mm.

Materials: Copper, Brass, aluminum, Steel

Cutting table dimension capacity: 1.53 * 3.08 mts

Accuracy X /Y : * ± 0.02 mm.





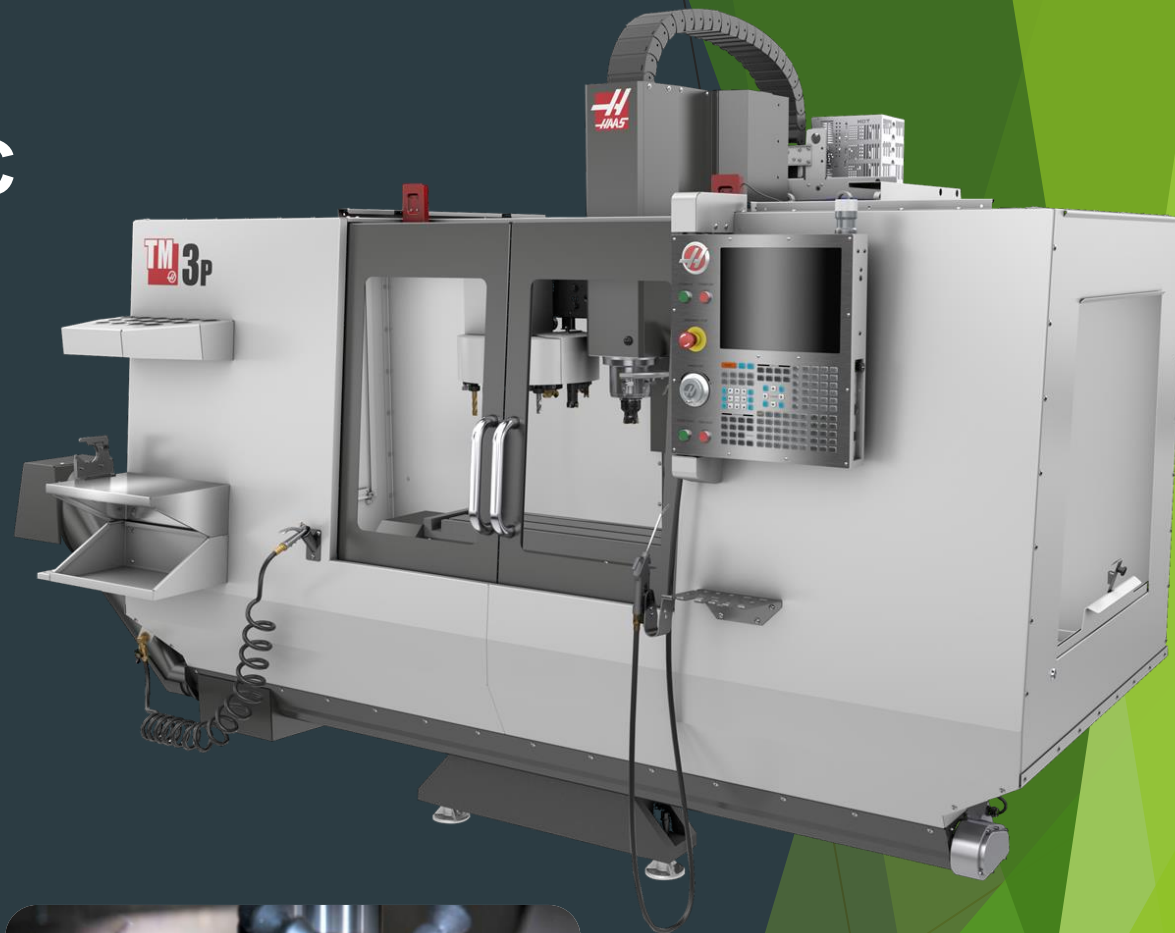
Machining Center CNC

Workspace (axes of work).

X axis: 1016 mm,

Y axis: 508 mm,

Z-axis: 406 mm³





Cutting Waterjet Process

MAIN FEATURES

Cutting Capacity (depth): From 1.5 to 250 mm.

Materials: Metals, glass, stone and composites.

Cutting table dimension capacity: 6ft - 10 ft

Accuracy : * 0.127 mm.





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ELECTROSTATIC PAINT

MAIN FEATURES

Oven of 4.0 *3.0* 2.5 Mts

Oven with capacity of burning previous paintings.

Capacity to use powder and & liquid paint

Capacity of 200^a.





WELDING ROBOTS

MAIN FEATURES

Functionality in semi and automatic production lines
It can be used for plasma cut
High welding Quality
Accuracy and speed welding



WE'RE IN CERTIFICATION





**Visita nuestra pagina web para
conocer mas sobre nosotros:**



<https://soin3.com/>

Main Customers

