

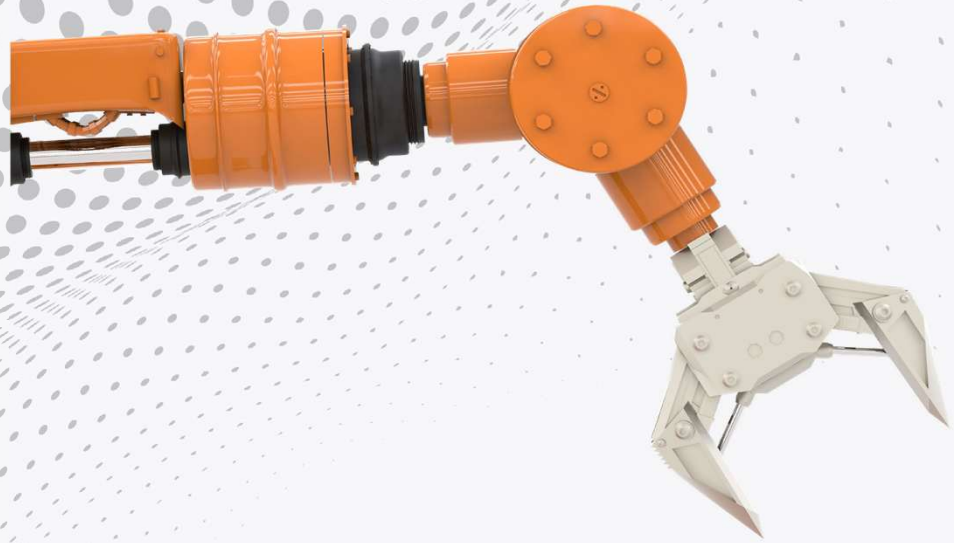
GRUPO
FXE



10 years

We are the right choice, a one stop source with **10+ years of process production engineering** with the most competitive prices and quality solutions for every single one of our clients.





Our Services



Equipment Installation



Specialist Support by Area



Special Equipment



Turnkey Projects



Industrial Structures



Facilities



Machining

A large blue banner with the text "Machining Capabilities" in white. A yellow diagonal line is positioned to the left of the word "Machining".

Machining Capabilities

A close-up photograph of a CNC machine tool cutting a metal part, with bright sparks flying from the cutting point.

**We have the best tools and
equipment on the market
for your needs.**

Chevalier FVM-3016DCL

Payload : 6,500 kg

Capacity: X/Y/Z

(mm): 3,100 x 1,600 x 780



Haas Mini Mill

7.5 hp

5.6 kw

6000 rpm

16 x 12 x 10"

406 x 305 x 254 mm

Titanium CK7130BP

Máx. turning diameter (mm): 350

Slide stroke X-axis (mm): 350

Paso de barra (mm): 36



Mitsubishi Wire EDM

15.7 x 11.8 x 8.7"

400 x 300 x 220 mm

Wire Diameter Possible: 0.004-0.012 mm

Minimum Start Hole Diameter: 0.02 mm

Haas VF-3

30 hp

22.4 kw

8100 rpm

40 x 20 x 25'

116 x 508 x 635 mm



Haas VF-2

30 hp

22.4 kw

8100 rpm

30 x 20 x 25'

762 x 508 x 635 mm

And more.....



Integration Systems Portafolio





Spot Welding



MIG Welding



Vision Systems



Bushing



**Clinching, Piercing
and Riveting**

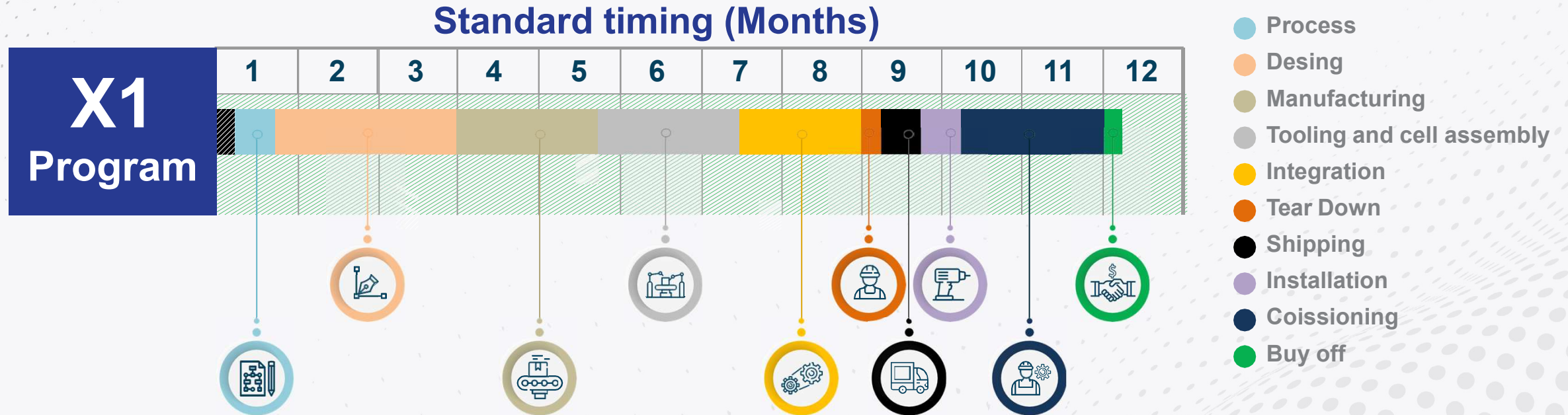


Adhesive Equipment




**Laser Cutting
and Engraving**

Project Process and Standard Timing



Main Projects

A close-up photograph of an industrial robot's welding head in operation. The head is positioned above a metal surface, and a bright, intense light is visible at the point of contact, with a large spray of bright orange and yellow sparks radiating outwards. The background is dark and out of focus.

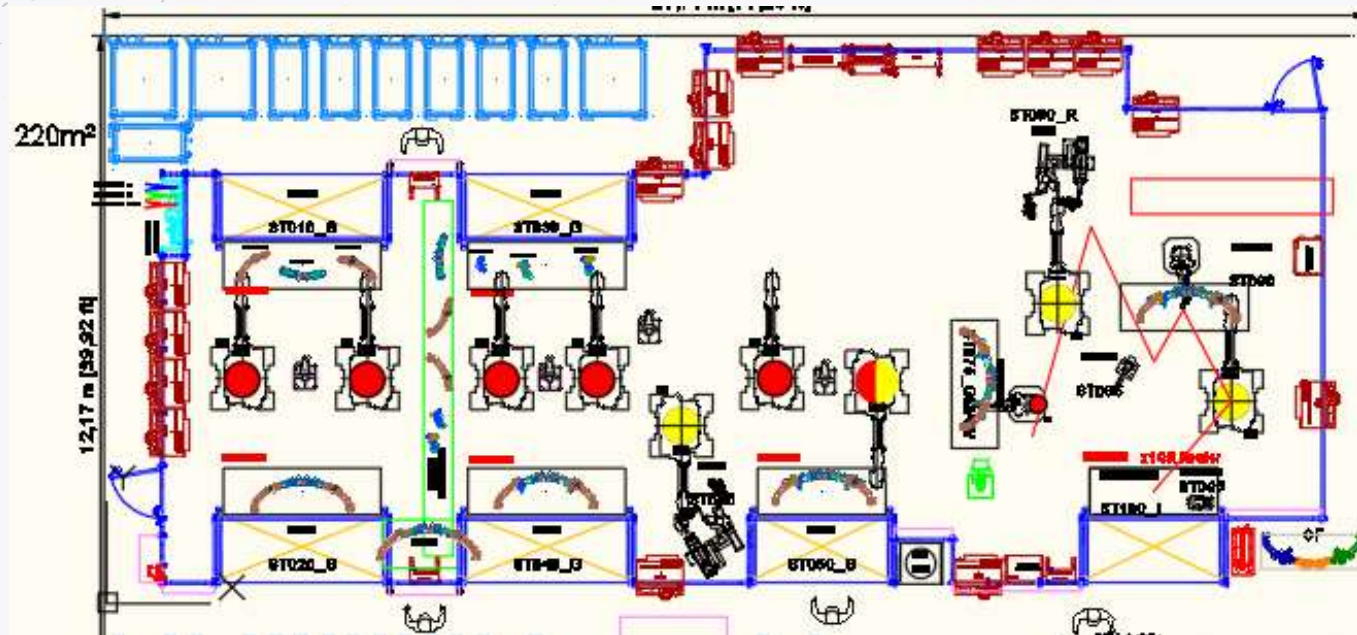
In the last 5 years we installed more than 300 robots with excellent performance and improving the timing proposal.

Getting customer satisfaction is our principal objective.

Turnkey Project 2021-2025

BEV3 Upper Tie Bar (Base)

Layout BEV (4 MODEL IN SAME CELL WITH CART TOOLINGS).

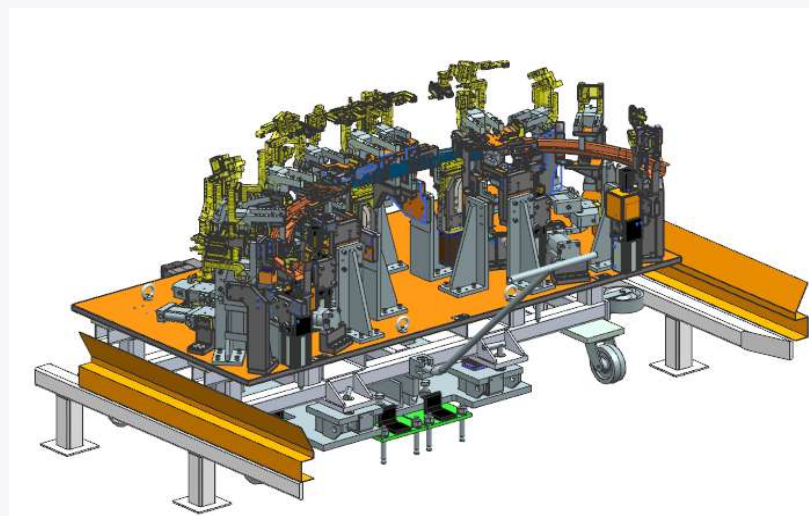
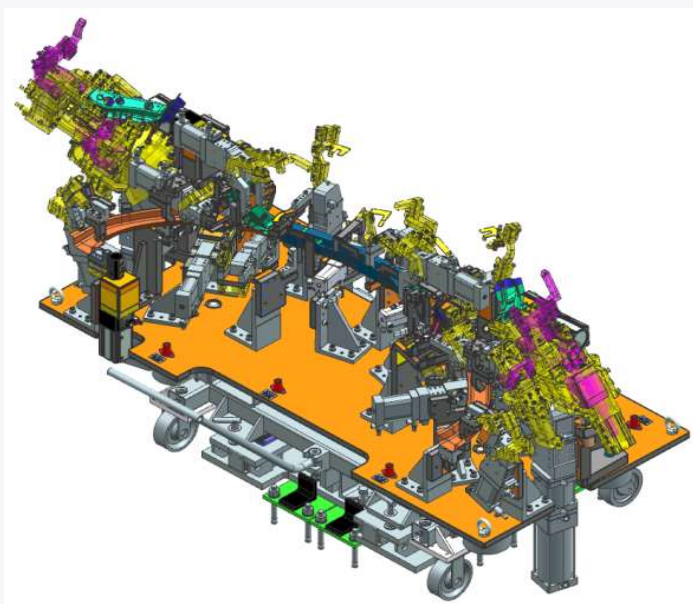


Area: 220 m2
 Geo Stations: 5
 Inspection Stations: 1
 GMAW Stations: 1
 Respot Stations: 2
 Qty Spot Robots: 5
 Qty MH Robots: 3
 Qty Combo Robots: 1
 Qty MIG Robots: 1

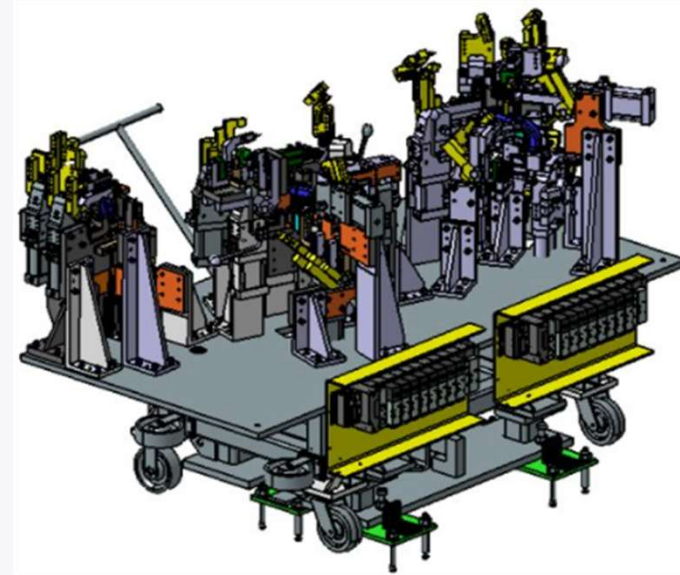
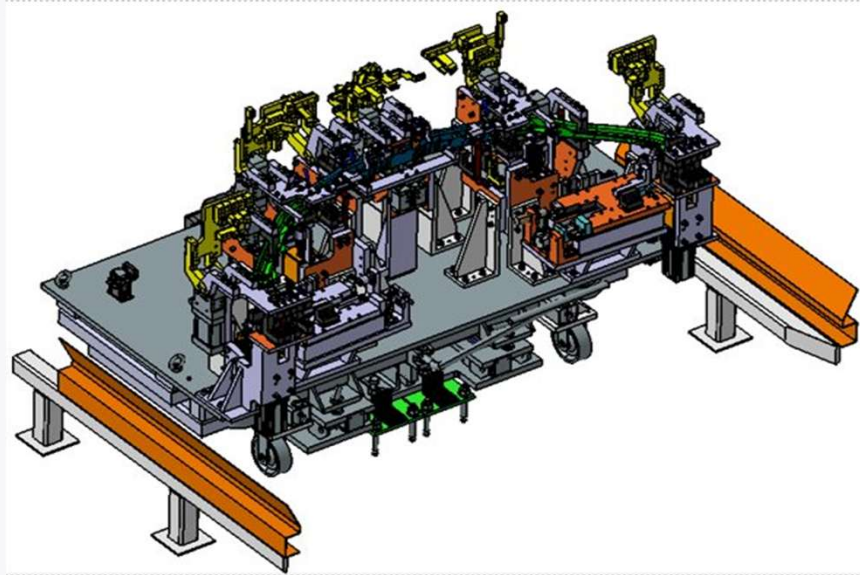
Project Scope:

- Process Design
- Process Simulation
- Tooling Design
- Machining & Assembly
- Tooling Certification
- Production Line Assembly
- PLC Programming
- Robot Programming
- Tooling Adjustment
- Cycle Time Validation

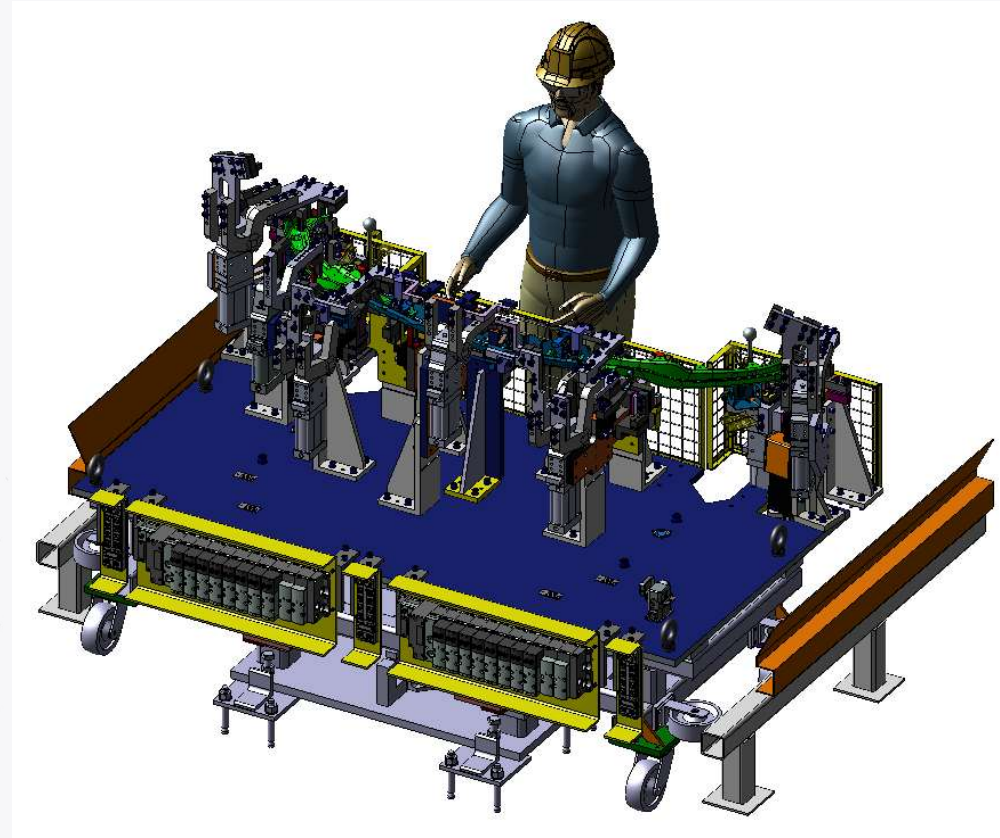
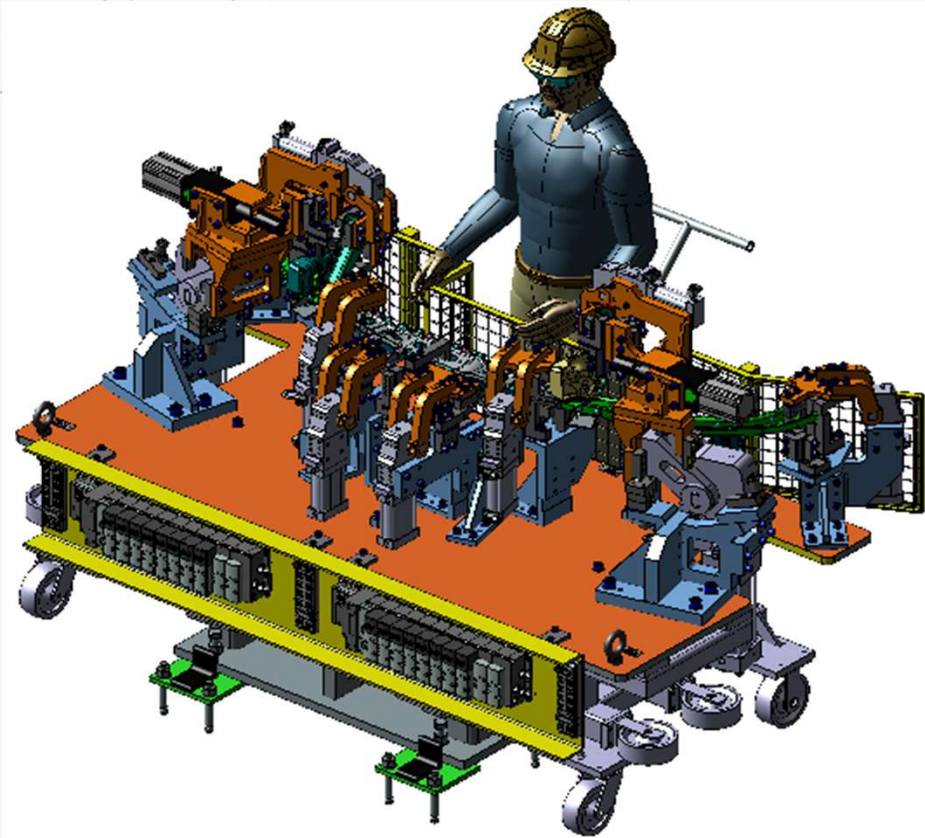
L233 Toolings



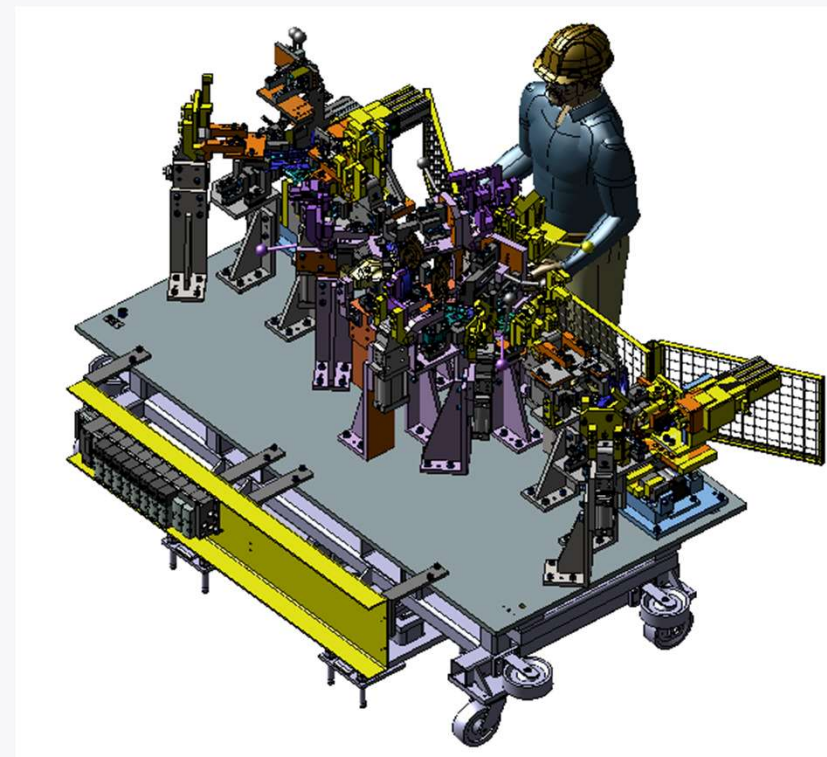
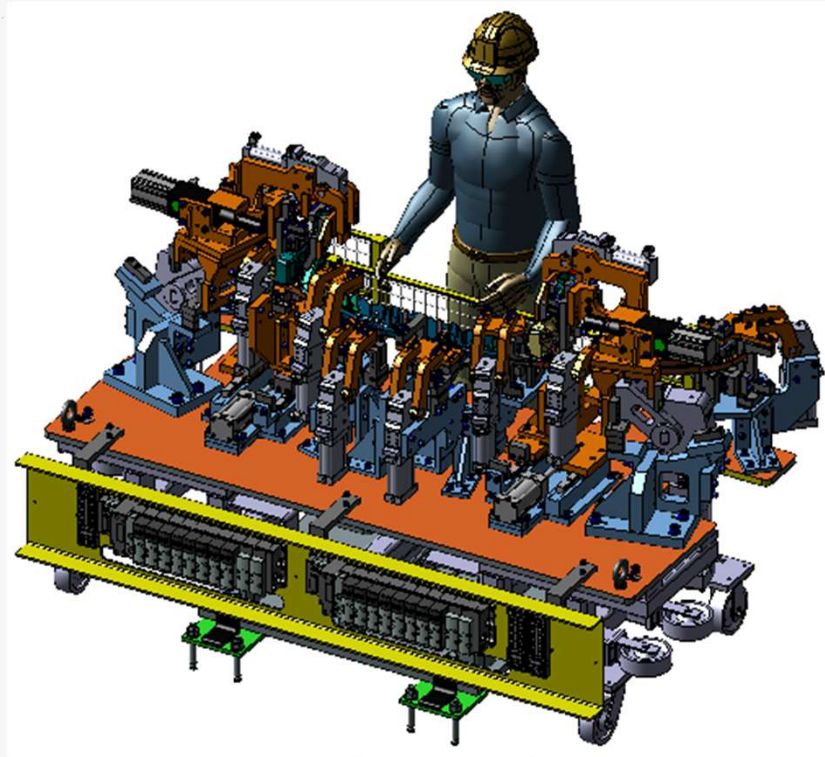
C234 Toolings



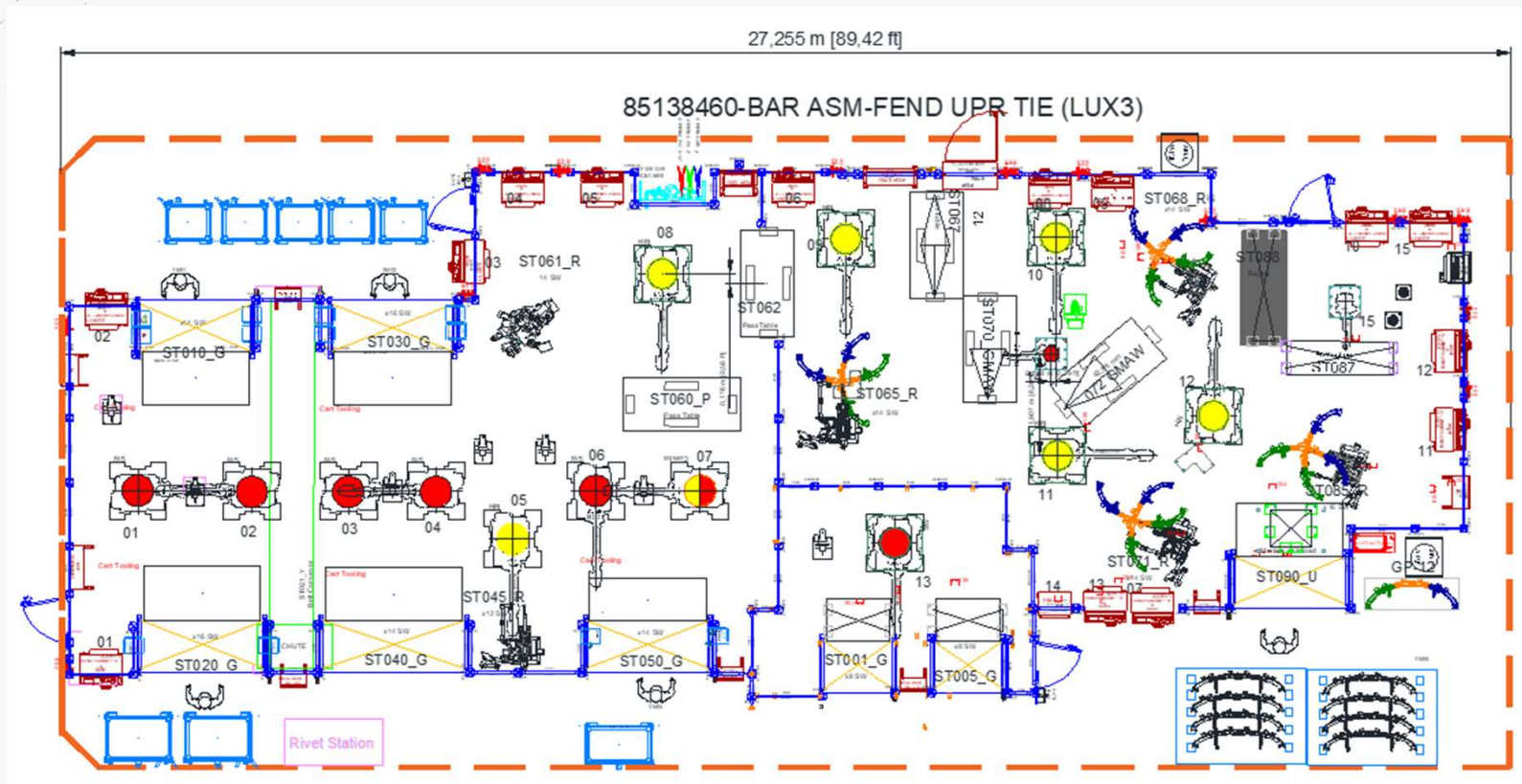
R233 Toolings



S233 Toolings



Final Layout UTB BEV3



Equipment Increasead

Area: +182 m2

Geo Stations: +2

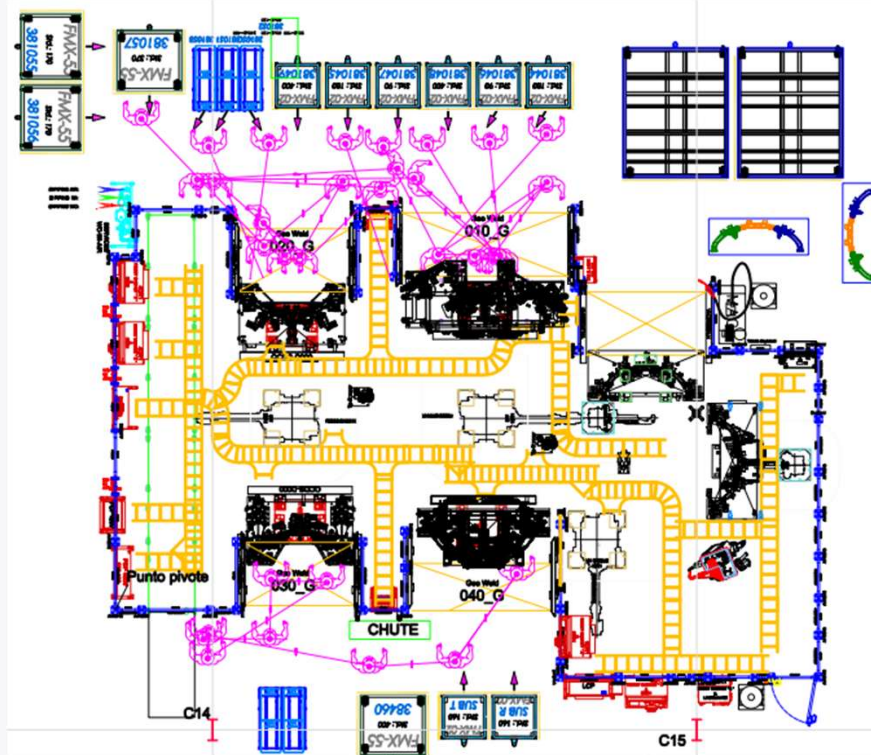
GMAW Stations: +1

Respot Stations: +4

Qty Spot Robots: +1

Qty MH Robots: +3

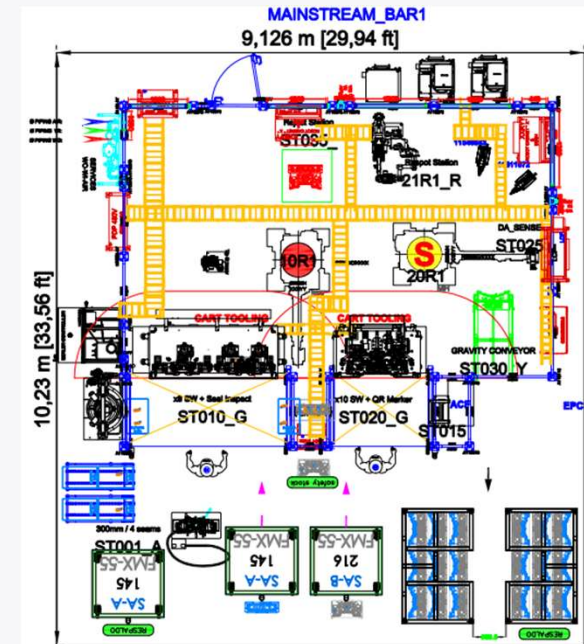
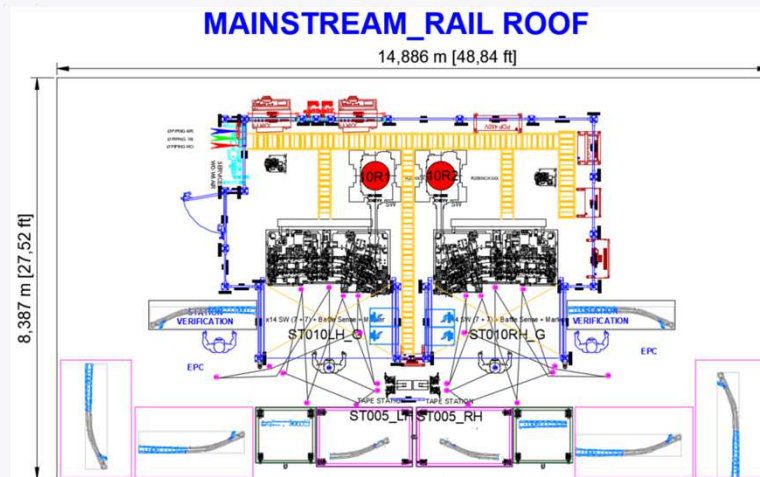
Pony Line L234/S233



Project Scope:

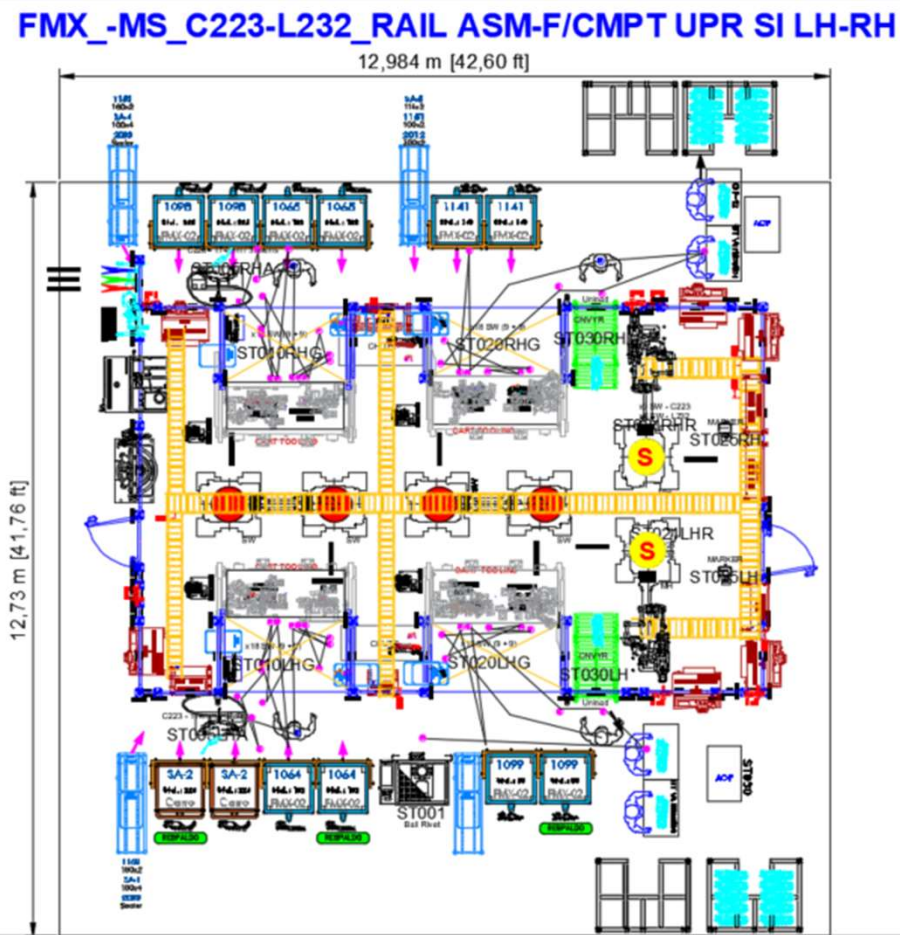
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Mainstream



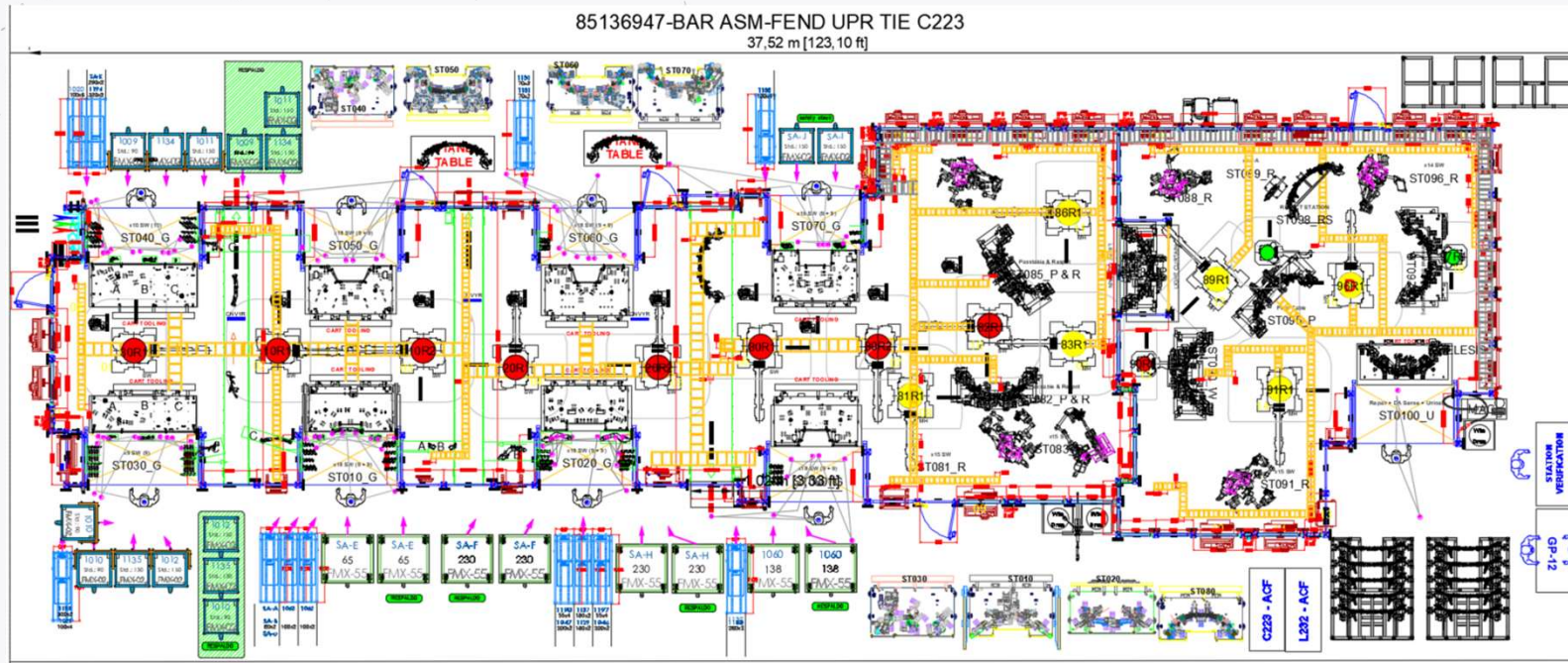
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Project Scope:

- Process Design
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- Tooling Design

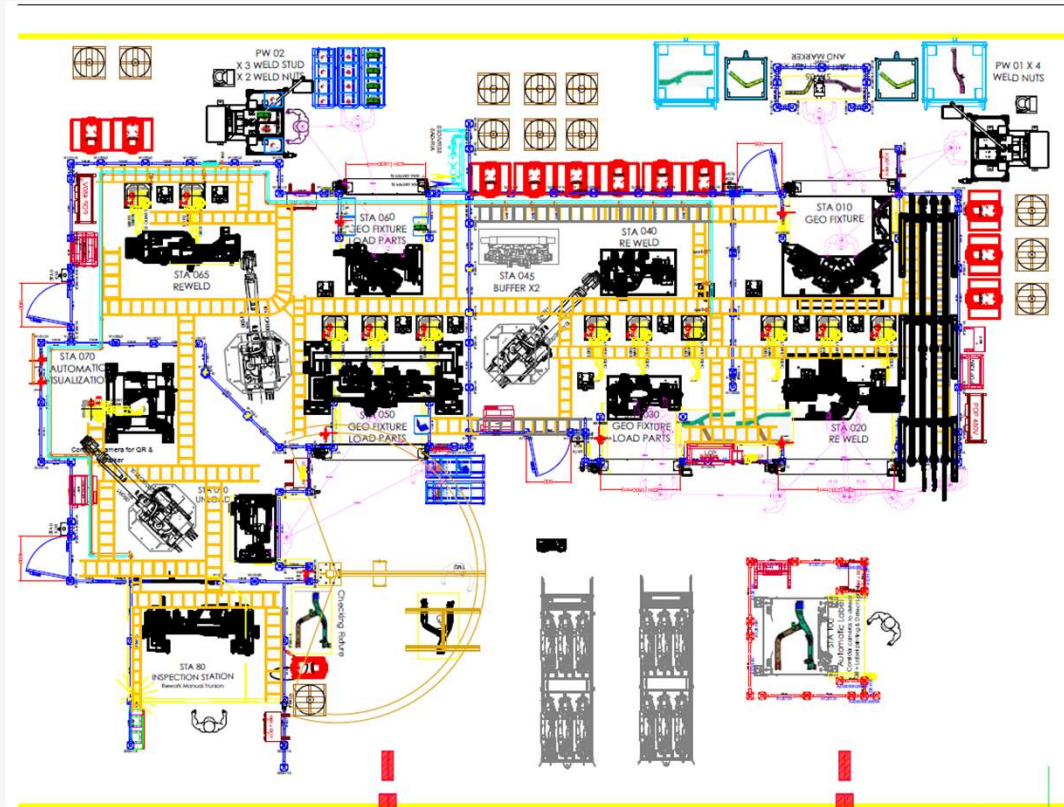
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Urea CM (Stellantis)

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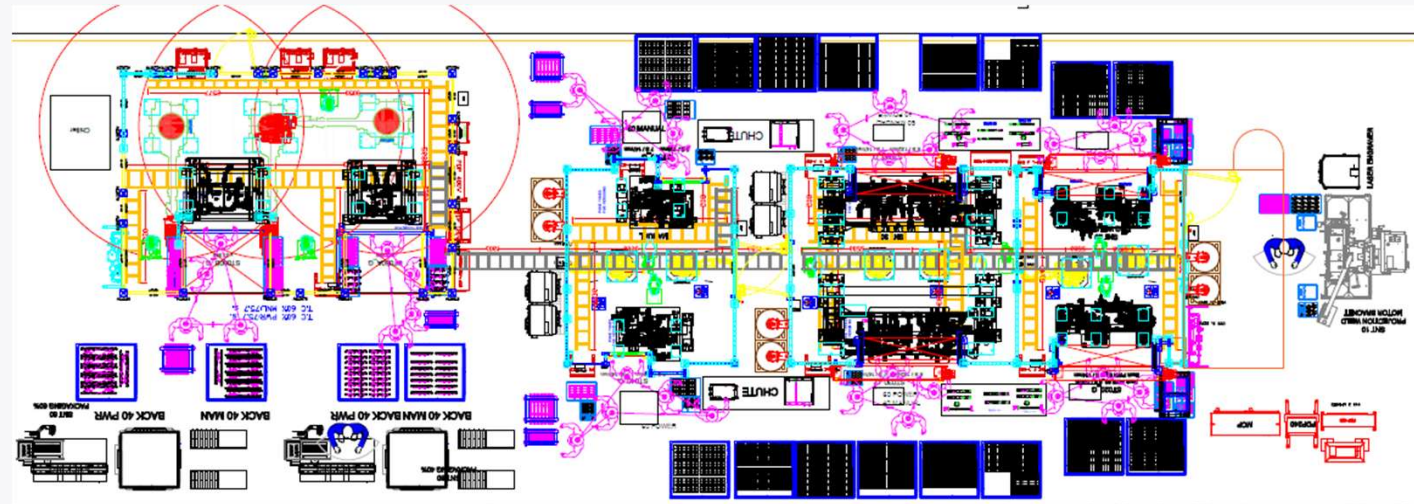
MIG: 5187 mm/30 seams

- Geo Stations: 4
- Reweld Staions: 3
- Inspection Station: 1
- Rework Station: 1
- Qty MIG Robots: 9
- Qty MH Robots: 2
- Qty Inspection Robots: 1

Magna Mecanismos Back

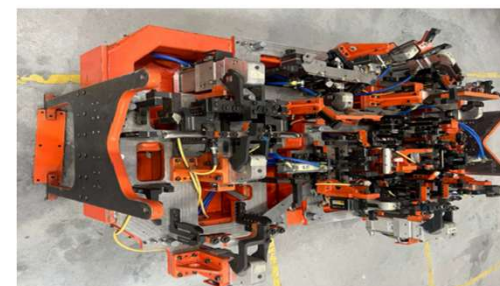
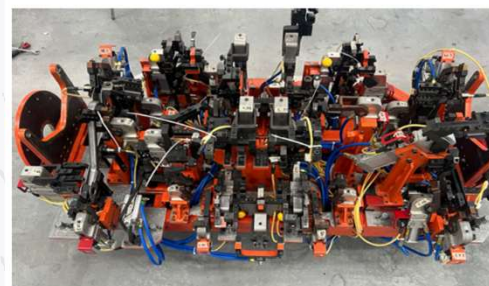
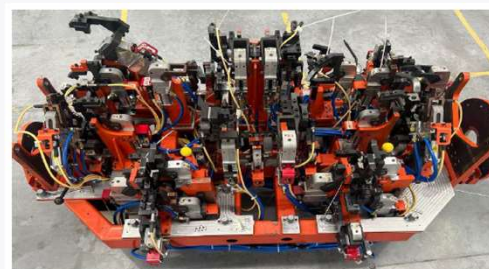
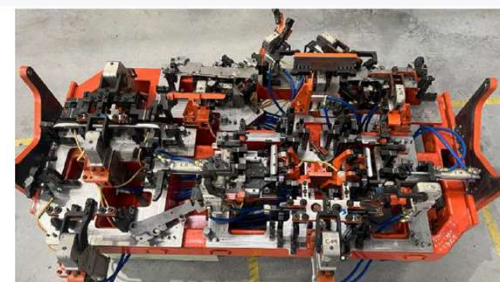
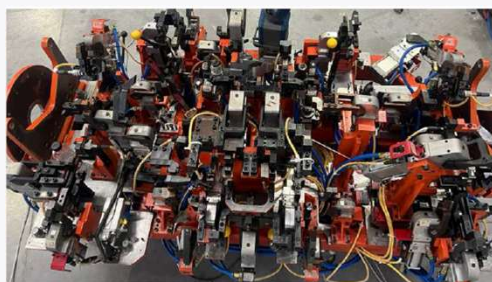
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Why FX2?



Because we're the leaders on offering a complete solution to your project, working with creativity, flexibility, adaptability and skilled people.

Our Advantage



Expertise from drawing to integration.



Fast answer at your requirements.



Qualify and experience people to warranty the results.



Best solutions.



One stop shopping solution with 10+ years of process production engineering with a very competitive cost.



Extensive background for ergonomics tooling specialized on High Tech and low cost tooling solutions.



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Thanks for your confident.