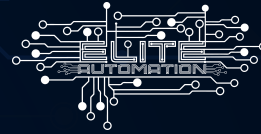


Welding Capabilities

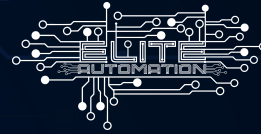


Automotive Welding Project

Robotic Welding Application

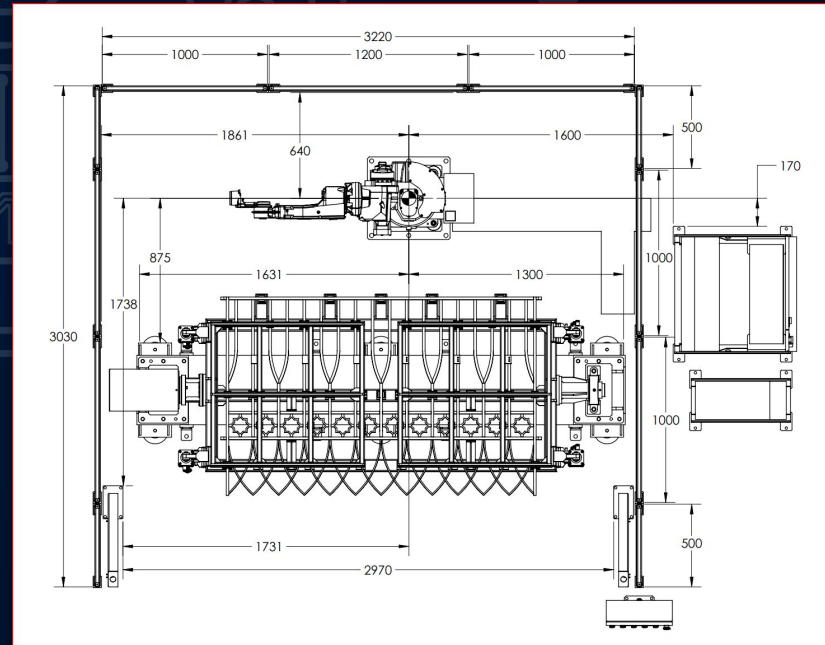
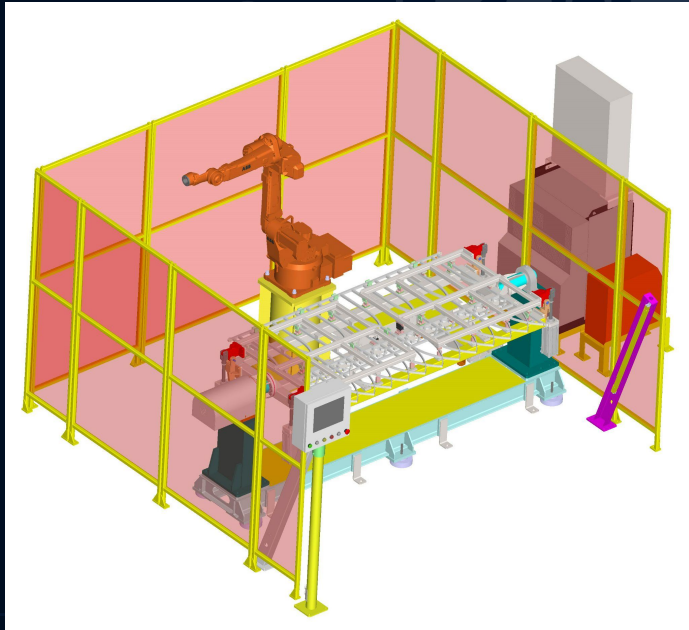


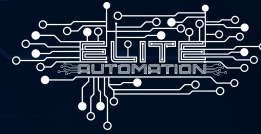
1. Robot mounted on Linear Track
2. Single axis rotary positioners
3. Robot Will have Advance Seam Tracking System
4. Robot Controlled Positioners.
5. Fronius Welding Power Source.



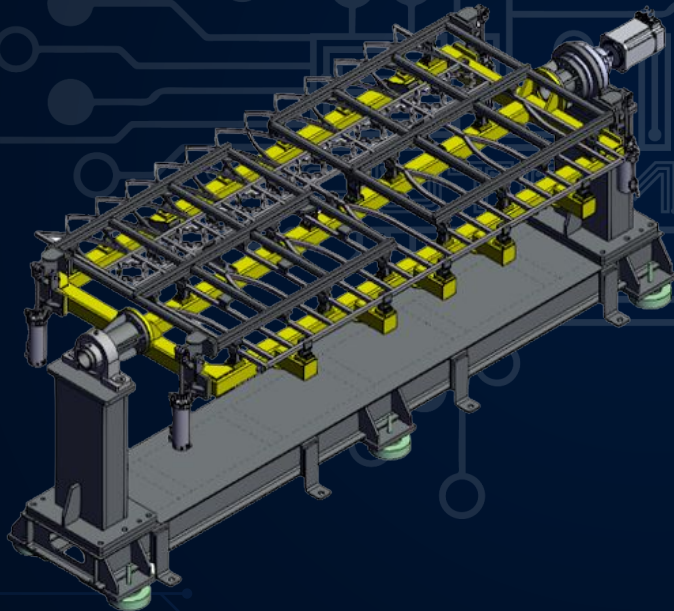
Automotive Welding Project

Robotic Welding Application



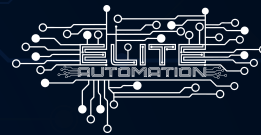


Robot Positioner Design and Manufactured 3D Design



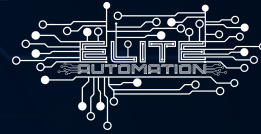
Designed and machined to precisely Single axis Rotary Positioner for the Welding Application. It is composed of high quality mild steel and interlocking mechanisms to hold component properly in place for welding.

The Motor is controlled by Robot Itself to increase the Speed and Reduce the Cycle Time.

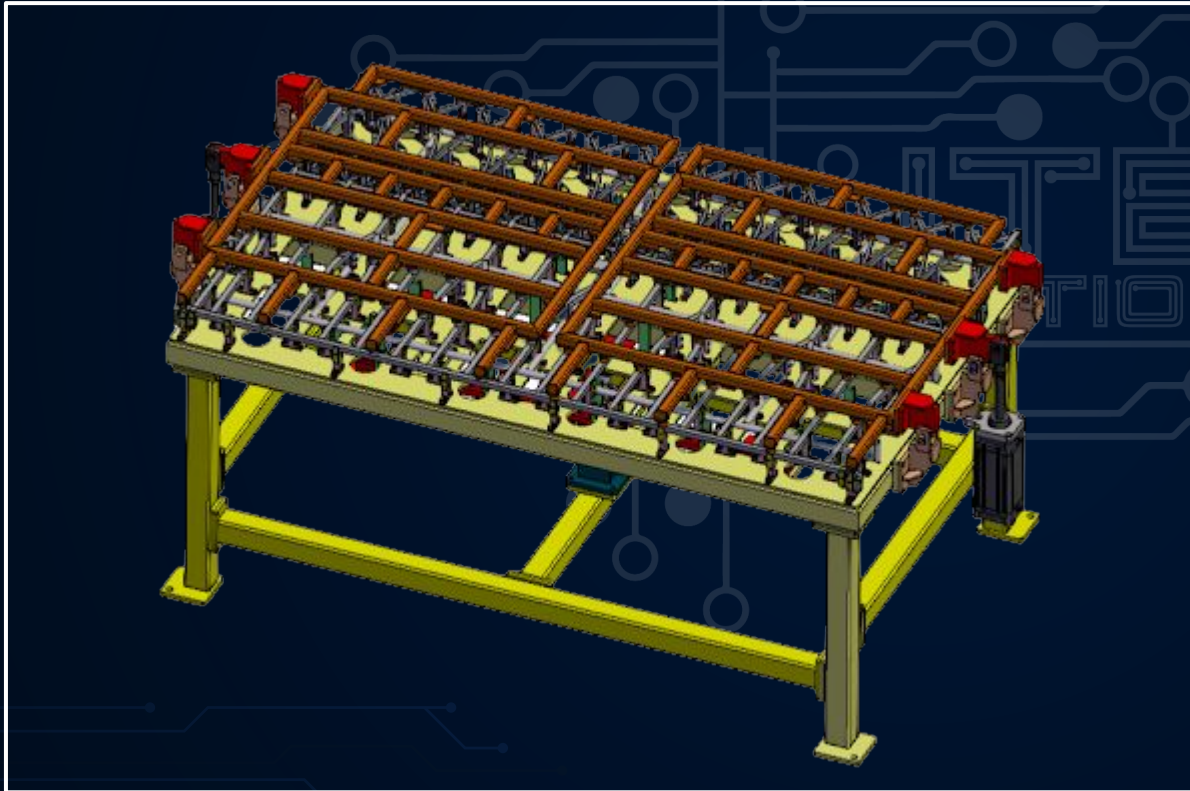


Welding Fixture Design and Manufactured Robotic Fence Welding

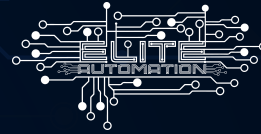




Welding Fixture Design and Manufactured 3D Design



Designed and machined to precisely Welding Fixture for the Welding Application It is composed of high quality mild steel and interlocking mechanisms With PLC to hold component properly in place for welding.



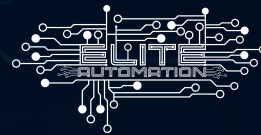
Seat Frame Welding Lines

Our seat frame production lines enable car seat manufacturers to enhance their competitiveness.

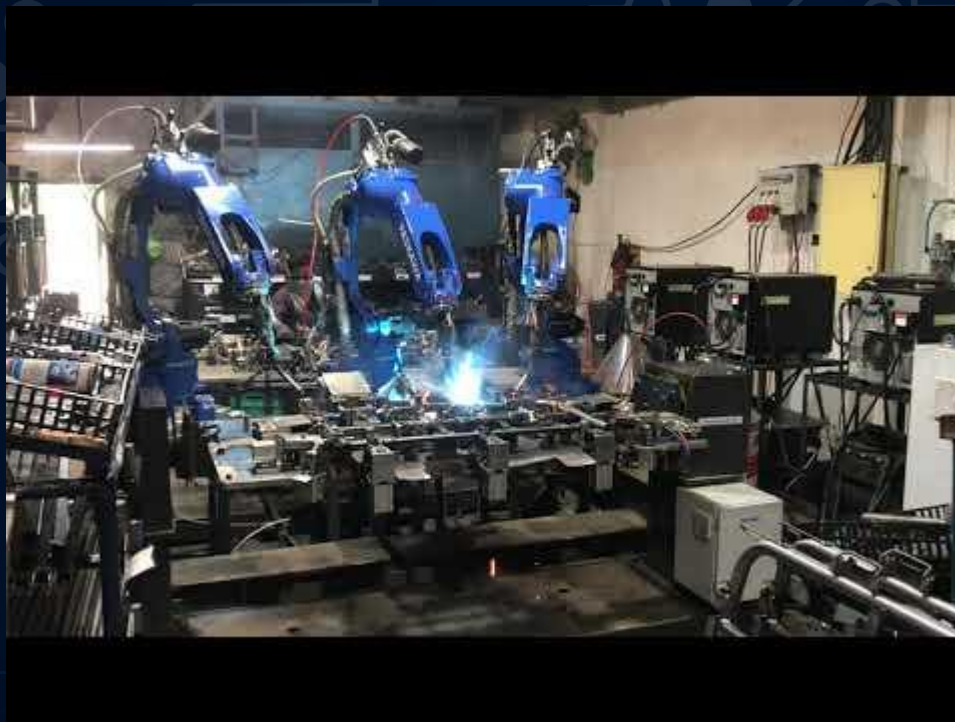
We provide turn-key solutions for setting up of Seat Frame Welding Lines for Welding (Robotic/ Manual), Checking Fixtures, Hug Fastening SPM, Riveting SPM, Assembly SPMs and End of Line (EoL) Machines and others.

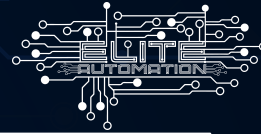
We have designed and manufactured more than 10 major welding lines for OEMs like Renault Nissan, Toyota, Ford, Fiat Chrysler,.

In response to ever increasing customer demands for comfort, style and safety, Automotive Seats are getting more complex. With constant pressure to shorten time -to-market and increasing complexity of designs, the seat manufacturers are under pressure to maintain the competitive edge. To help smooth project launches Elite Automation USA offers well engineered seat frame productions lines which are built to be FIRST TIME RIGHT.



Welding Fixture Design and Manufactured Robotic Seat Frame Welding





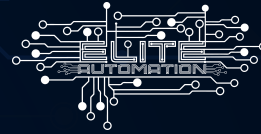
Mig & Spot Welding Robotic Cell



Spot & Arc Welding Cell



Arc Welding Cell With Positioner



Advantages

Standardized Design:

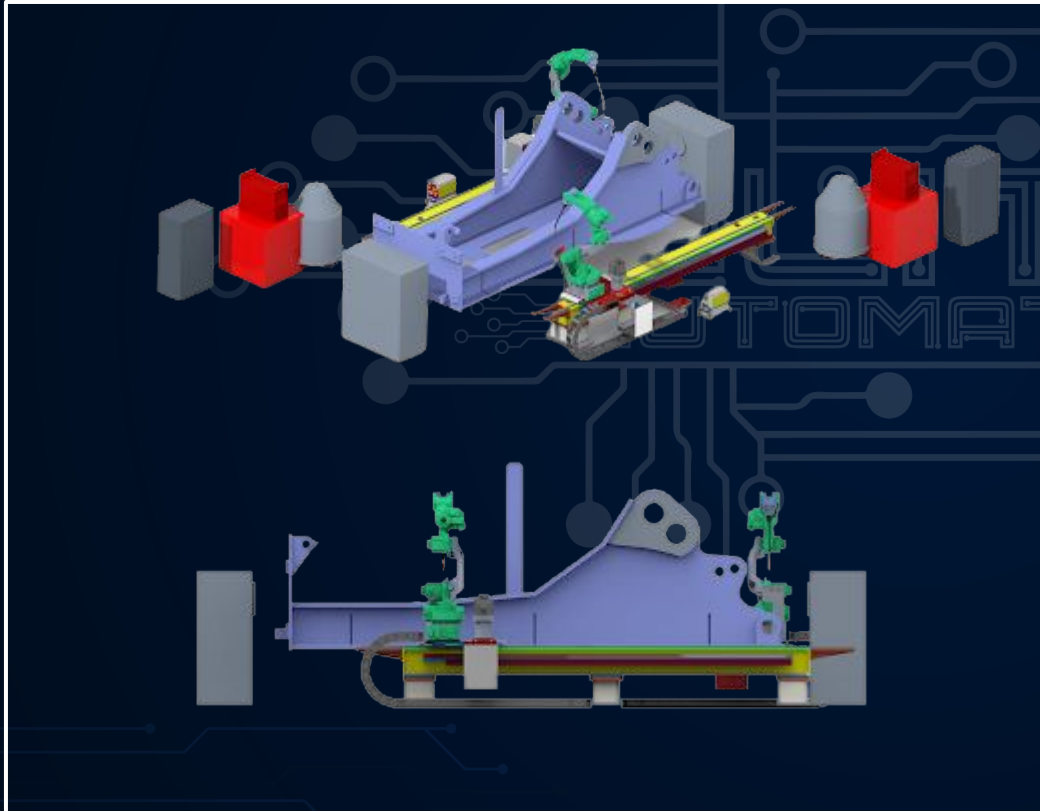
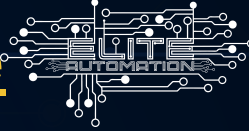
Over the years, we have standardized the elements and clamping units required for making Seat Frame Welding Fixtures. We keep the items in stock. This helps us in turning out the lines faster, both in design & in manufacturing.

Domain & Commodity Knowledge:

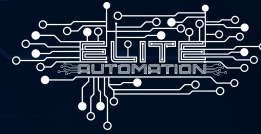
Due to our past experience, our team has developed deep knowledge about the part from the point of view of Welding & Manufacturability. We take active participation in helping the customer to optimize the Seat Frame Design.



Gantry Robot Welding for excavator upper Frame

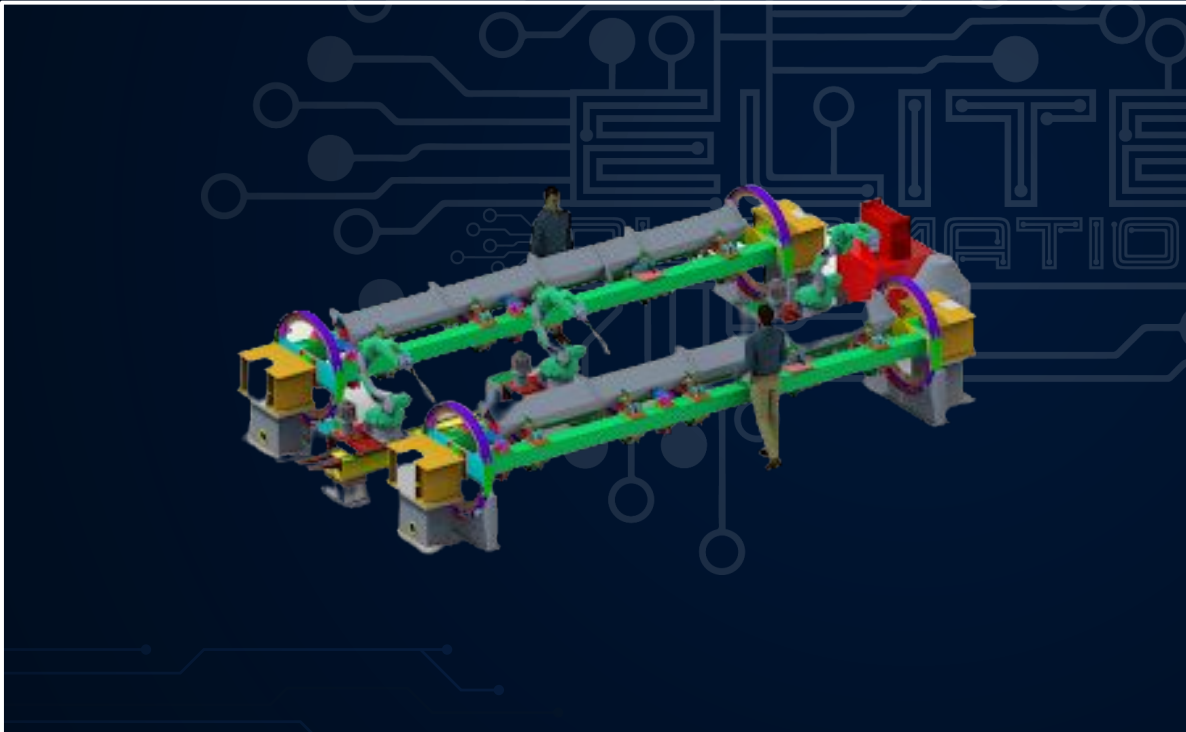


1. Robots mounted on Linear Track
2. Single axis rotary positioners
3. Robot Will have Advance Seam Tracking System
4. Robot Controlled Positioners.



Earth Moving Equipment Welding

Robotic Application for boom welding



1. **Robots mounted on Linear Track**
2. **Single axis rotary positioners**
3. **Robot Will have Advance Seam Tracking System**
4. **Robot Controlled Positioners.**

THANK YOU!

ELITE AUTOMATION - USA



300 North Governor Street, Evansville,
Indiana 47711, United States
Location (<https://goo.gl/maps/zLsPCm8vdRGREqFFA>)



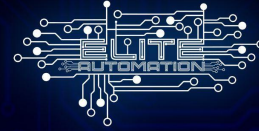
<https://eliteautomationusa.com/>



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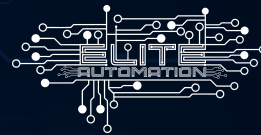
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