



PROINSE

# Our projects

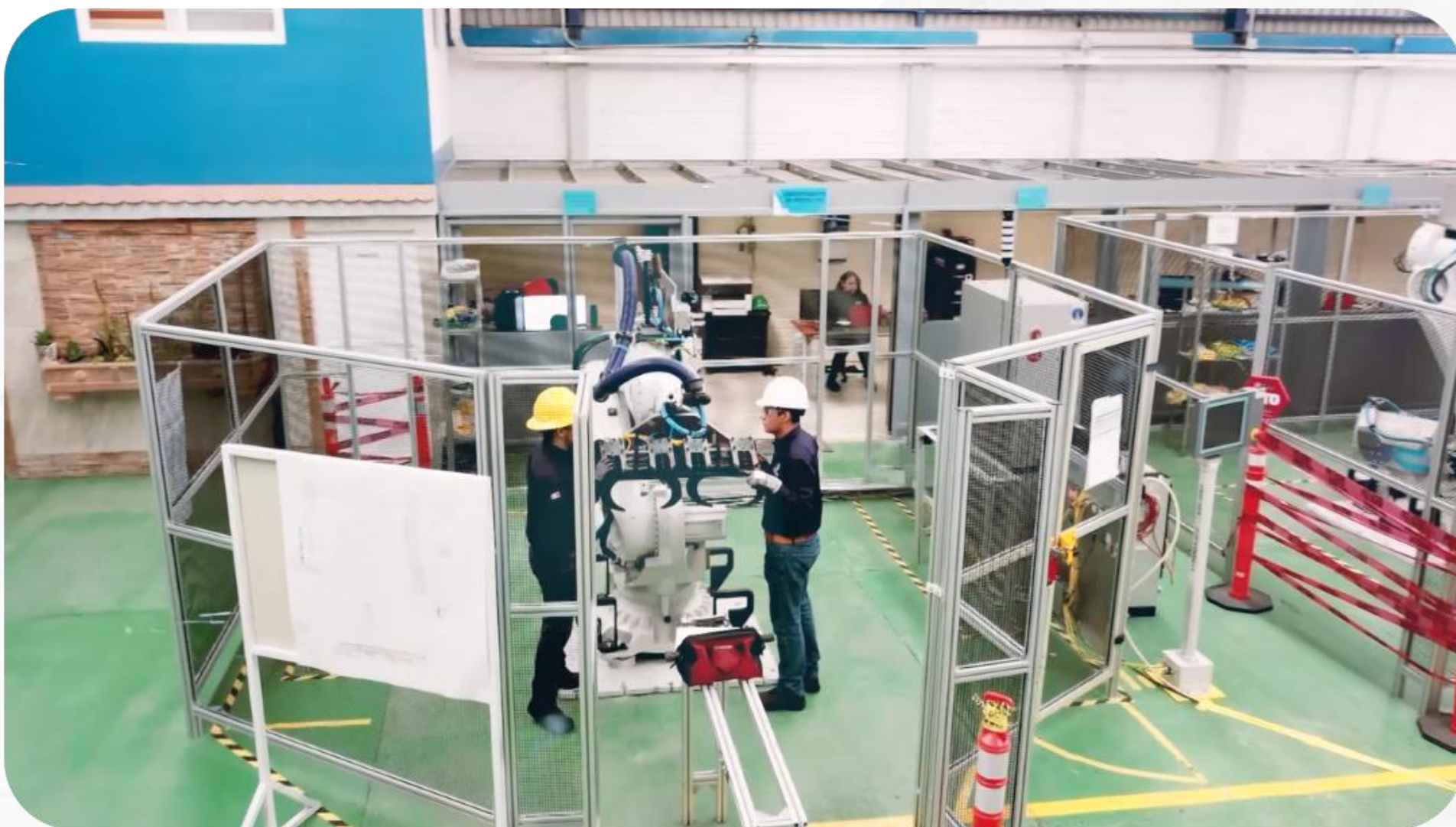
PLC Siemens and Sinumerik programming, debugging and troubleshooting at Gears machining area (Green Gears, heat treat, hard Gears and ring Gears. Iclude:

- GTSV
- QTS
- FIS
- SAFETY





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# Our projects



Design, Manufacturing, Assembly and commissioning of Robotic Cells for the Ford Motors Company plant, in Irapuato, Guanajuato.



# Our projects



Design, Manufacturing, Assembly and commissioning of automated systems at Proinse Silao Facilities.



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# Our projects

Design manufacturing and Integration of a telesis laser marker, dataman 2D reader and an ASI automation for a shot peening machine.





# Our projects

Design manufacturing and  
Integration of a Robot ABB IRB  
1600 and a Laser marker cabine to  
mark ring gears.

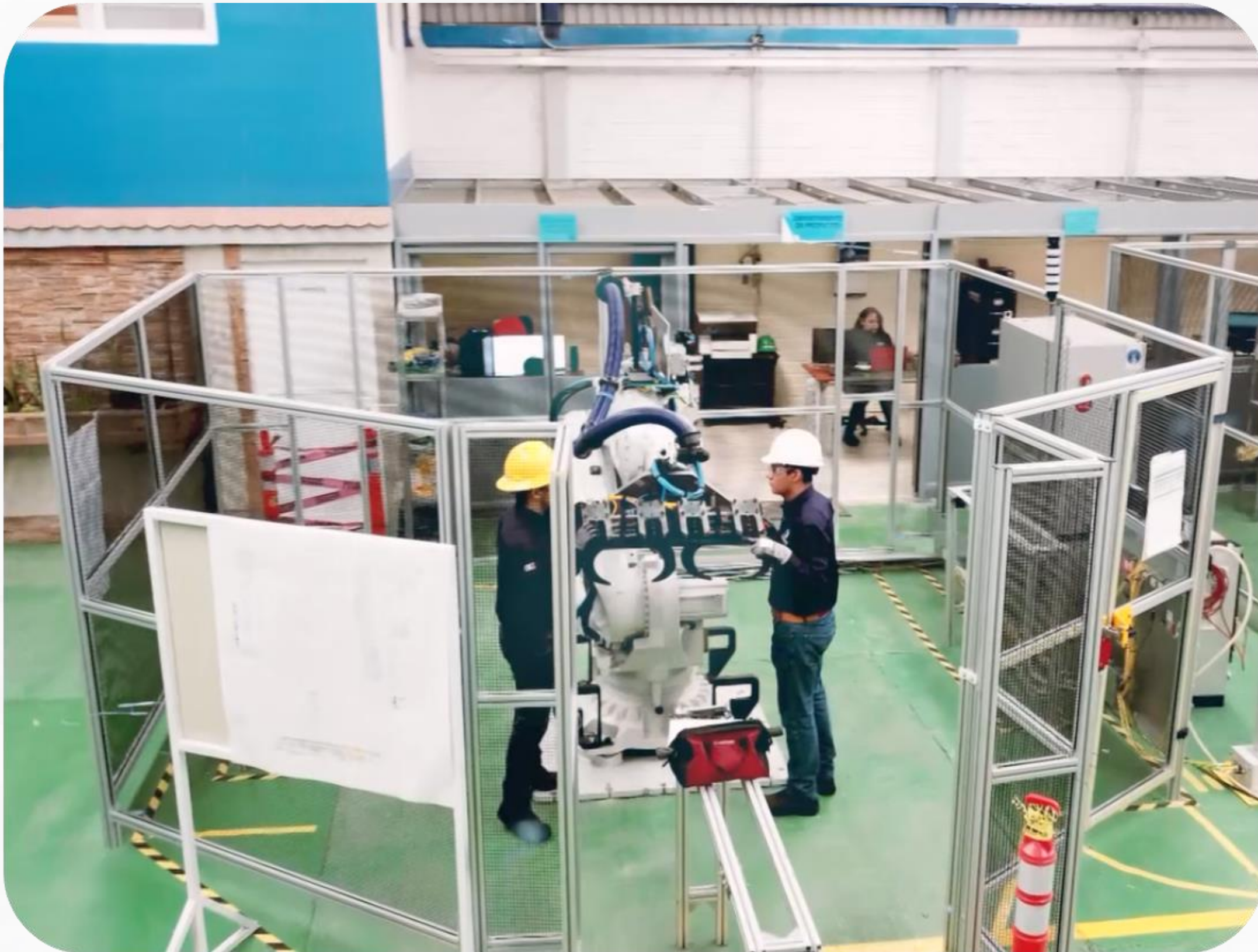




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# Our projects

Design manufacturing and Integration of a Robot (ABB IRB 6700) cell to load and unload ring gears to an Emag machine.

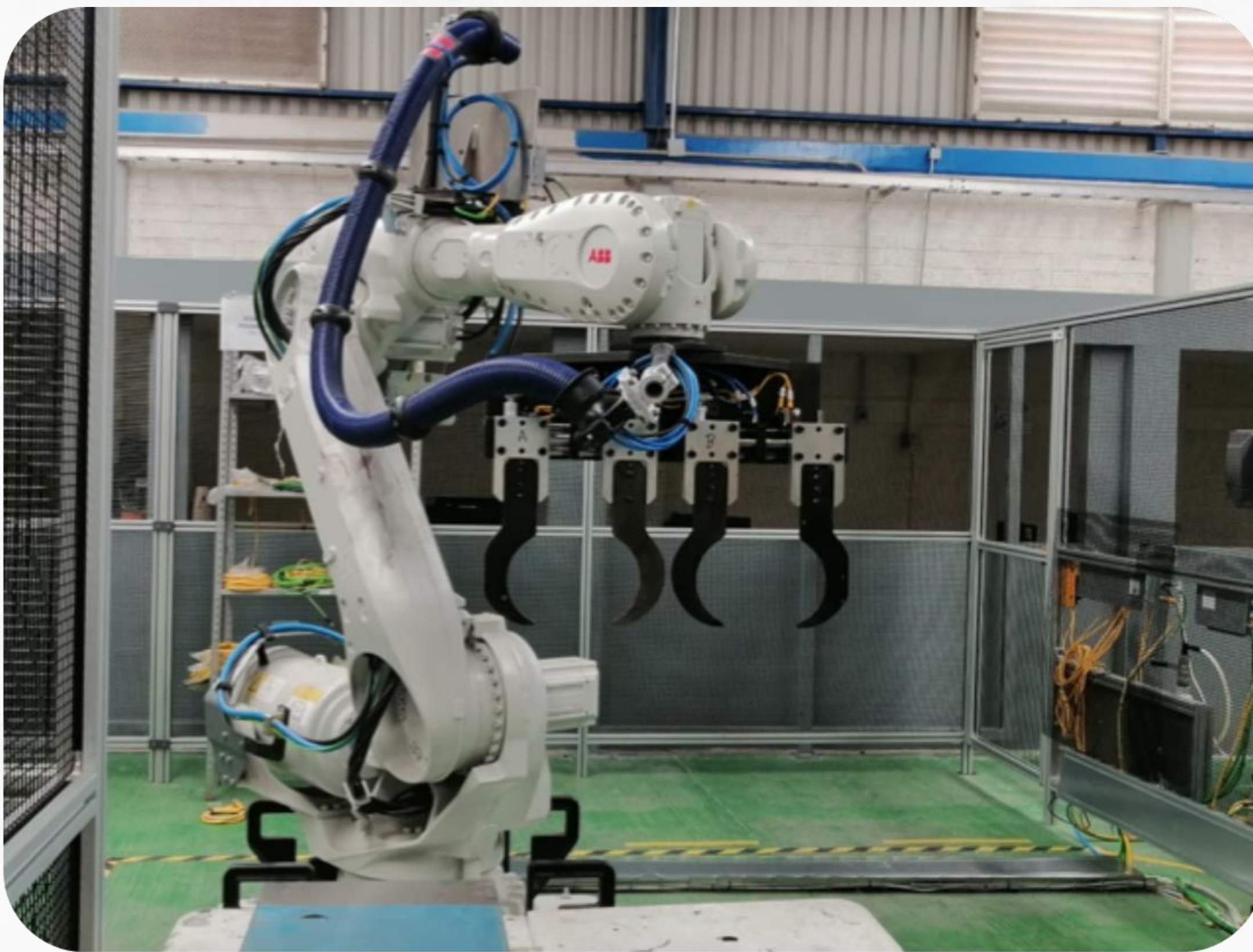




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# Our projects

Design manufacturing and Integration of a Robot (ABB IRB 6700) cell to load and unload ring gears to a prawema machine.





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# Our projects

ABB ROBOT TRAINING AT ITP FACILITIES

ABB Robot training for maintenance  
personel at ITP facilities.







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# Our projects

PROFINET CONNECTIONS  
RECONFIGURATION

Profinet Connections  
reconfiguration in Gear and  
case machining area. Supply of  
cable and all necessary  
hardware





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# Our projects

FELSOMAT AUTOMATION FOR  
NAGEL HYBRID MACHINE

Integration and redesign to  
load and unload gears to  
Nagel honing machine at  
Ford sun gears area.

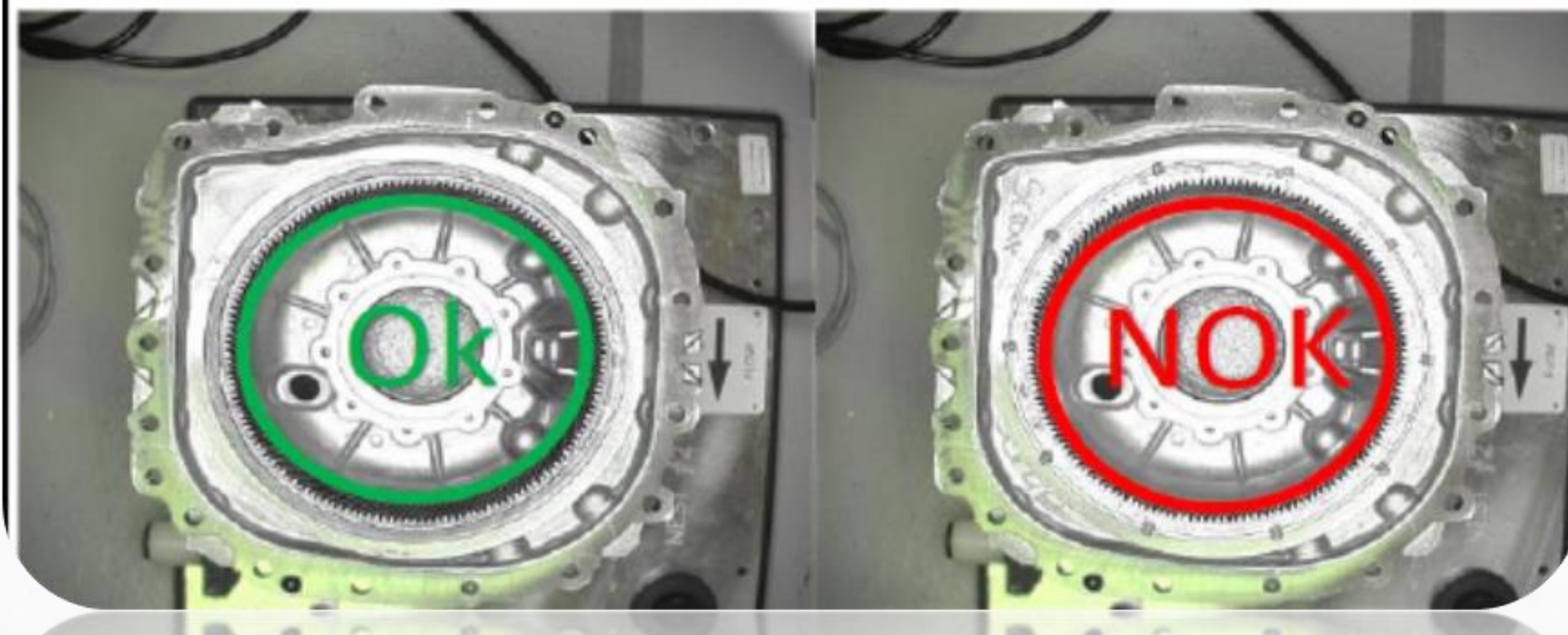
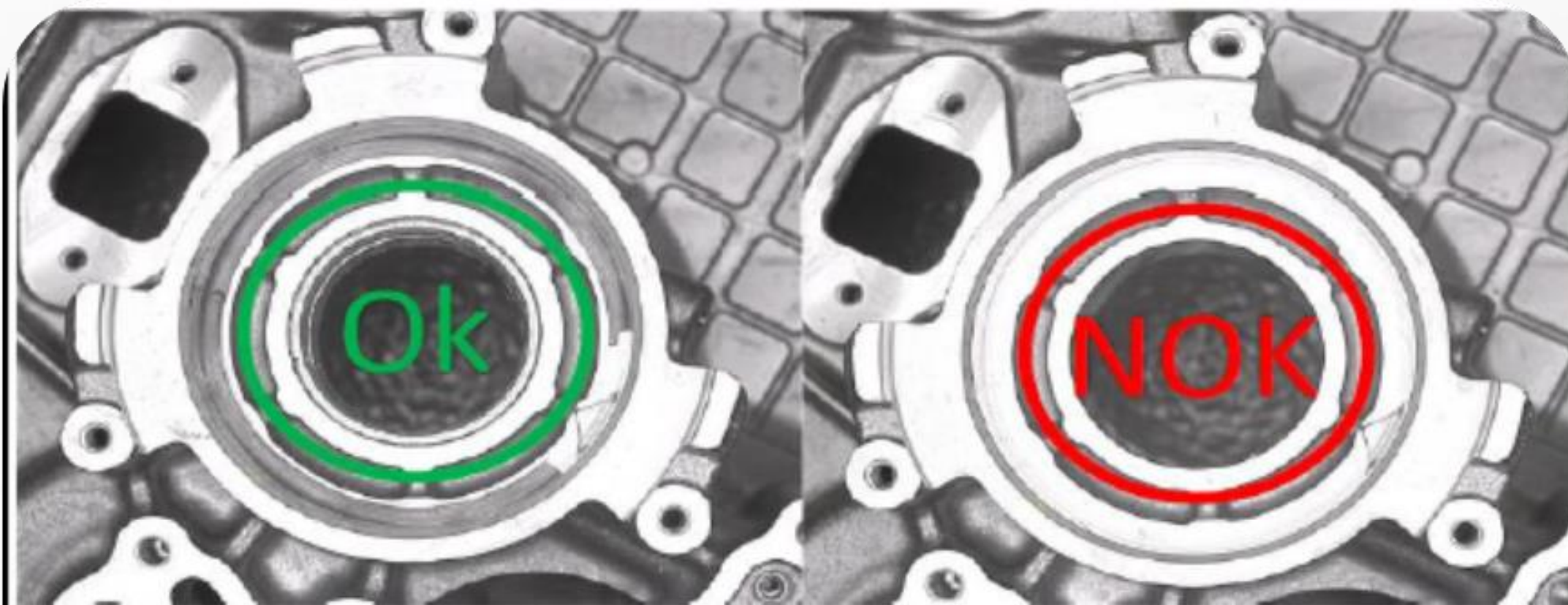




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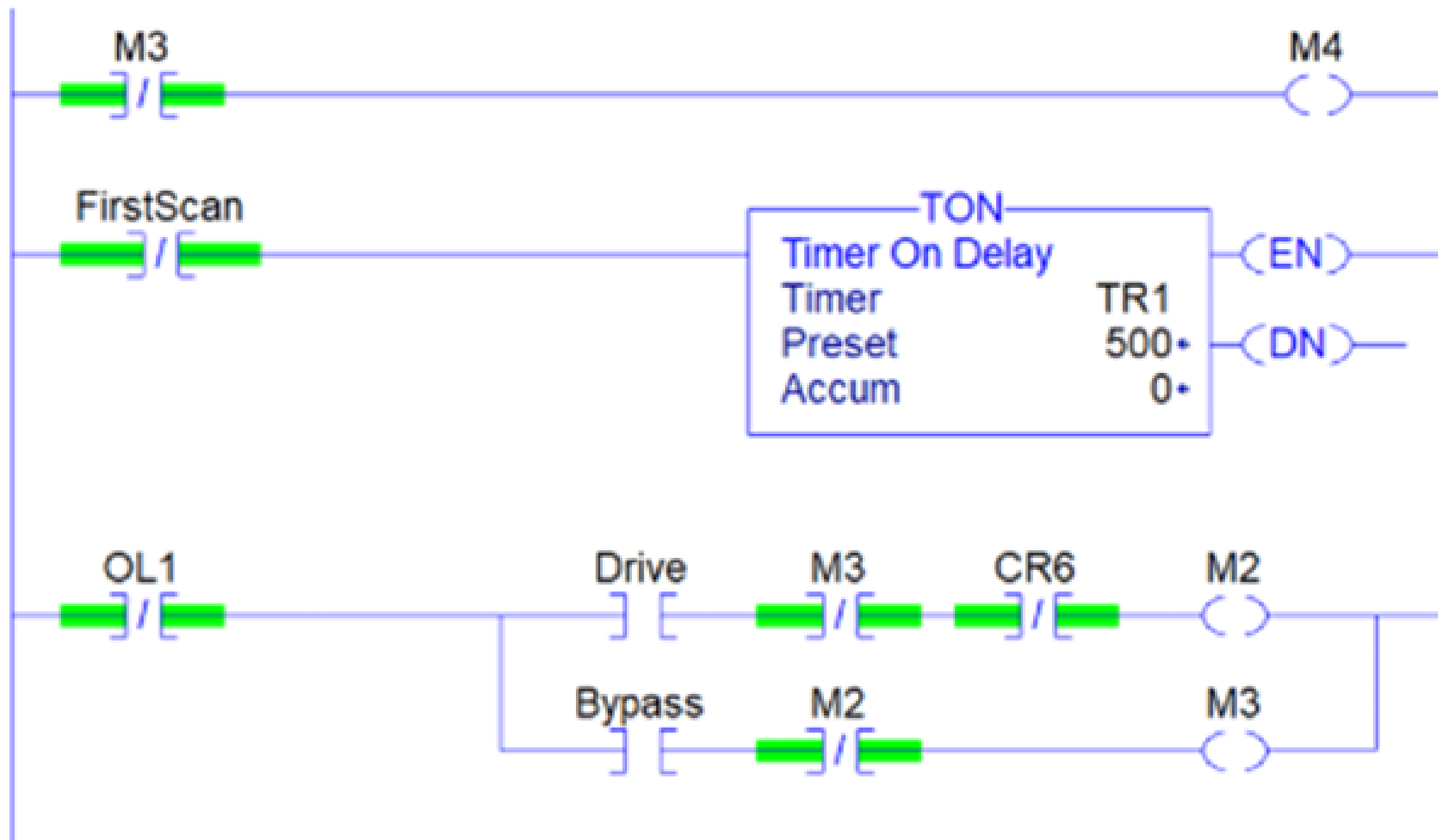
# Our projects

Installation and Commissioning of more than 20 Cognex Error Proofing Vision System at End cover Line and Gear Set under Ford Standards.





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# Our projects

PLC Siemens Support for Commissioning and troubleshooting at endcover and gear set line.

Programming include:

- OMS
- QTS
- FIS
- WEL10
- SAFETY





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# Our projects

HARD PINION MACHINING  
Tooling replacement and variation  
adjustments.  
Training in Sinumerik and interface  
use at GM plant.  
2 Kapp Machines



GM





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# Our projects

COMAU MACHINES CASE LINE GM  
Adjustment windows programming (sinumerik)  
for 12 operation of 2 lines of case machining  
at GM 8 Speed transmission plant.



**GM**





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# Our projects

EMAG MACHINE AT GM  
TRANSMISSION PLANT 6 SPEED

Sinumerik support for adjustments  
and programming windows using  
HMI Pro for visual aids and  
adjustments interface



**GM**





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# Our projects

Manufacturing of automatic and semi-automatic stations







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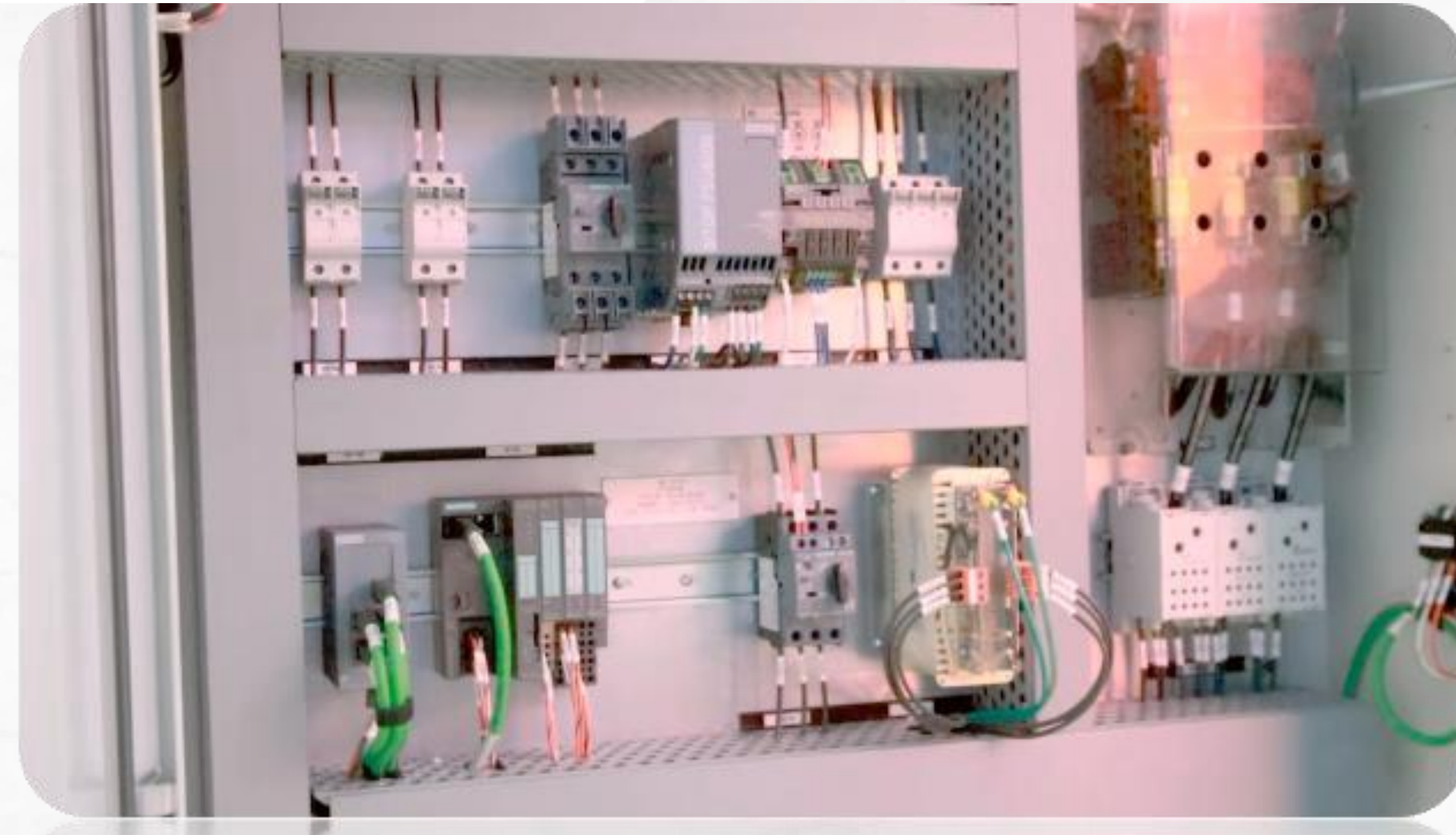
# Our projects

Design, Manufacture, Assembly and commissioning of six assembly lines for the Harting plant at Silao, Guanajuato





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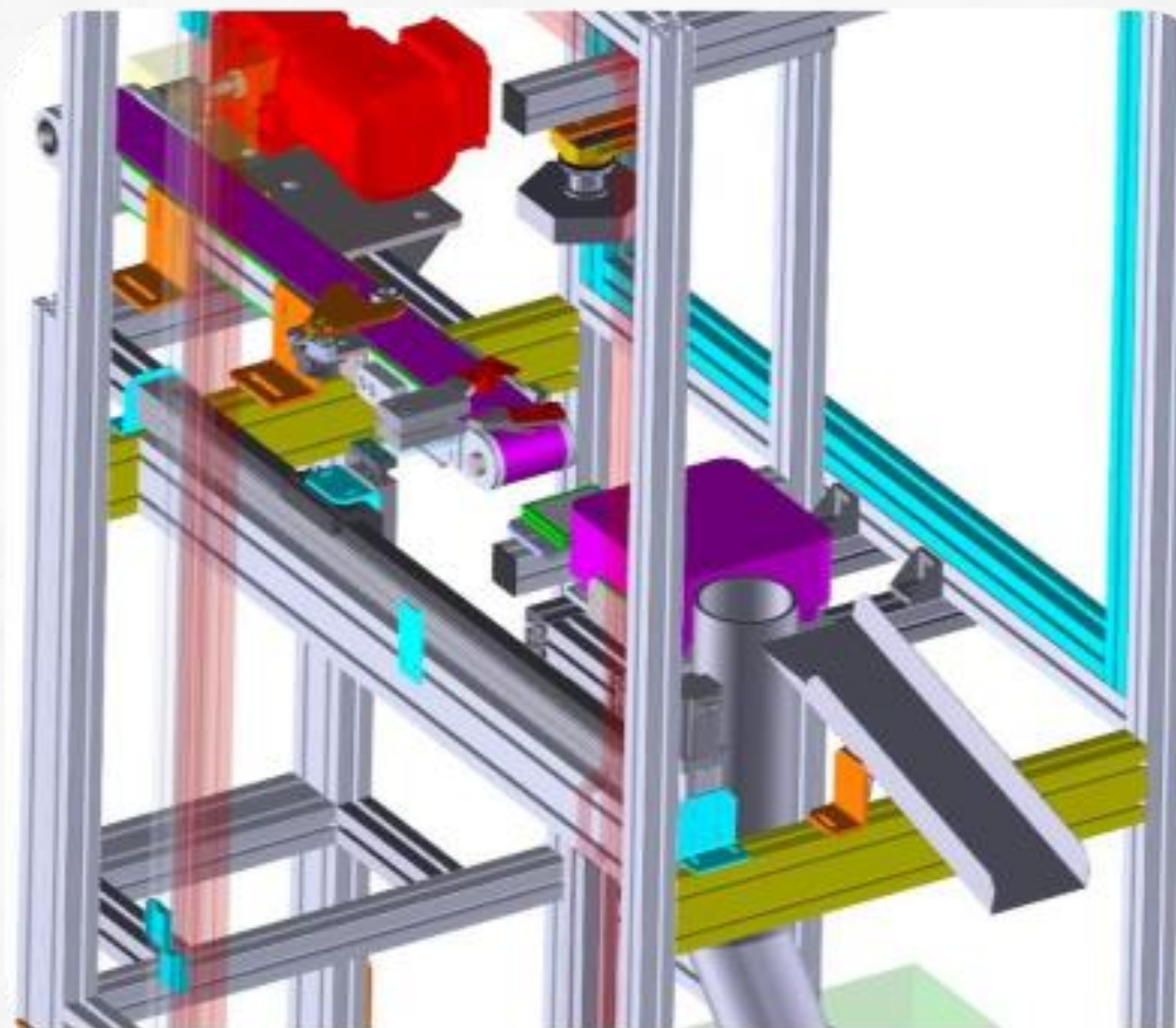
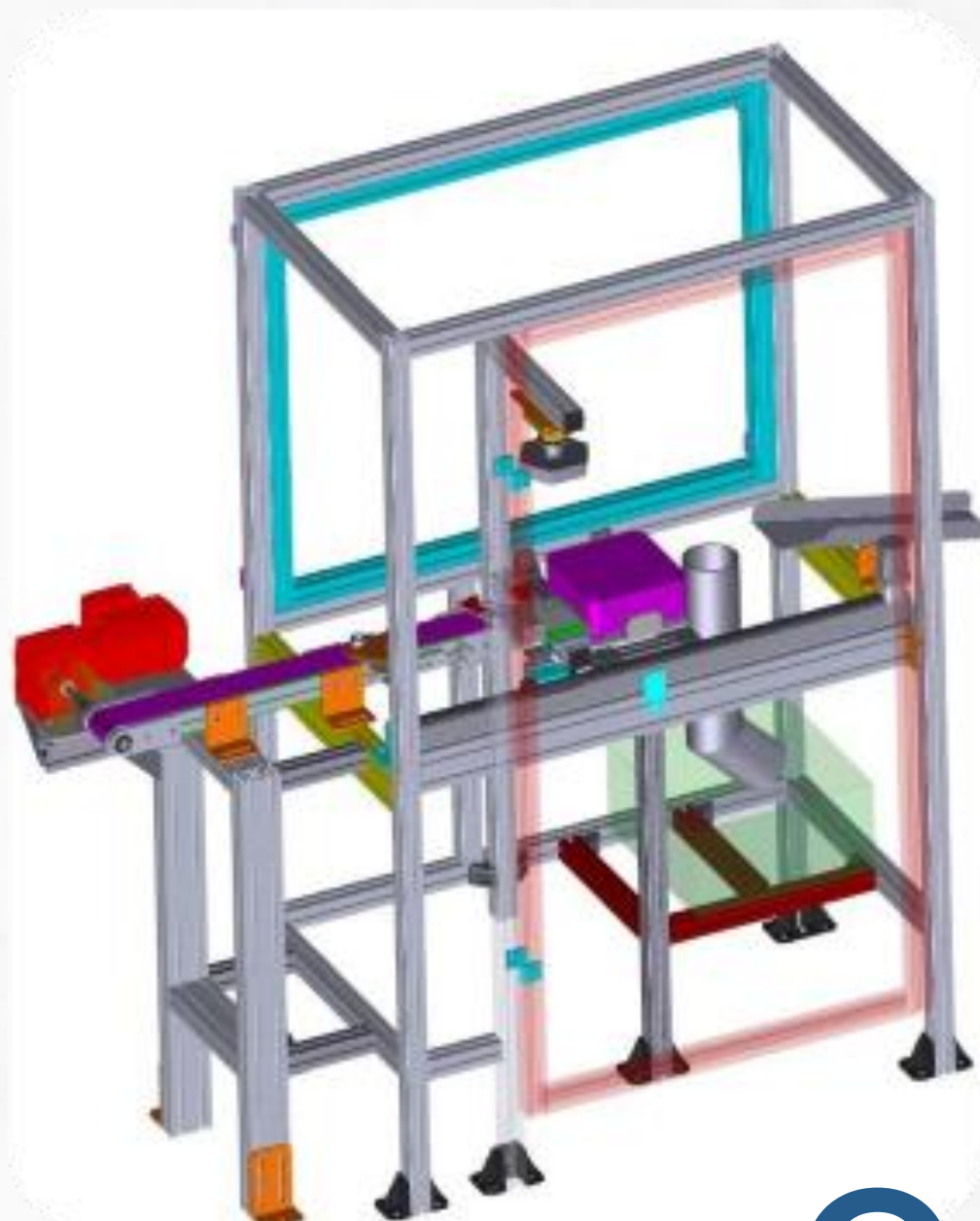
# Our projects

Electrical design and assembly of electrical cabinets





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# Our projects

Manufacturing of automatic and semi-automatic stations





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# Our projects

Automatic station for fuel pump  
installation and continuity test





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# Our projects

Design, manufacturing and installation of buffer for gasoline tank cooling

