

We offer ideas that  
Your Qualified Solution Partner



# Contents

Presentation Index



- About Emre Makina?
- Projects Samples
- Solutions
- Contacts





# About Emre Makina

AR-GE Emre Makine Ltd. Şti.

Emre Makina founded at 2004 in Bursa and it has a powerfull design team, test, control, mounting apparatus, special machine, conveyer and etc...our objective to obtain is making solution for our customers with special equipment manufacturing. The company name was changed to Arge- Emre Makina Ltd. Şti in 2012. We have **ISO 9001-2015** Quality Management System.

We serve the best quality with our expert personnel. We have developed to meet the needs of our customers through quality growing business volume and client portfolio.

# Who we are?

Think to best, make to best



Emre Group

*Need synergy to do best...*

 Emre Makina

 EMG Plastik

 Emre Fırın

 Emre Havacılık

# What we do?

For you, for industry and for future



## Project&Sale



## Design&Software

With NX, ANSYS, ARMKEIL  
And  
ALTIUM DESIGNER



## Production

Machinery, electric-  
electronic, pneumatic-  
hydraulic-sevo e.t.c.

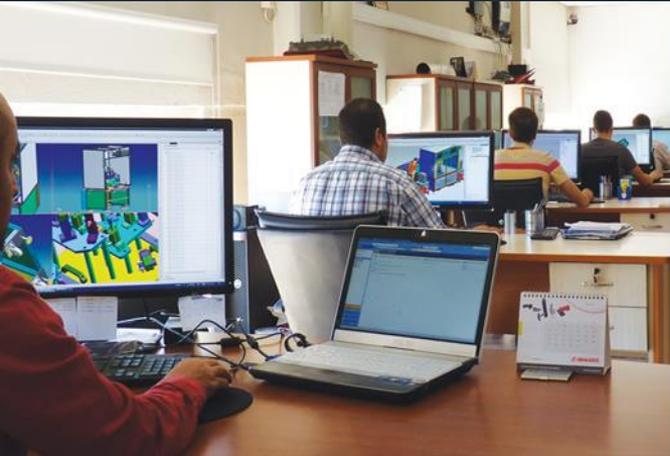


## Testing



## Delivery

# Meet Our Design Office



*We create for you.*

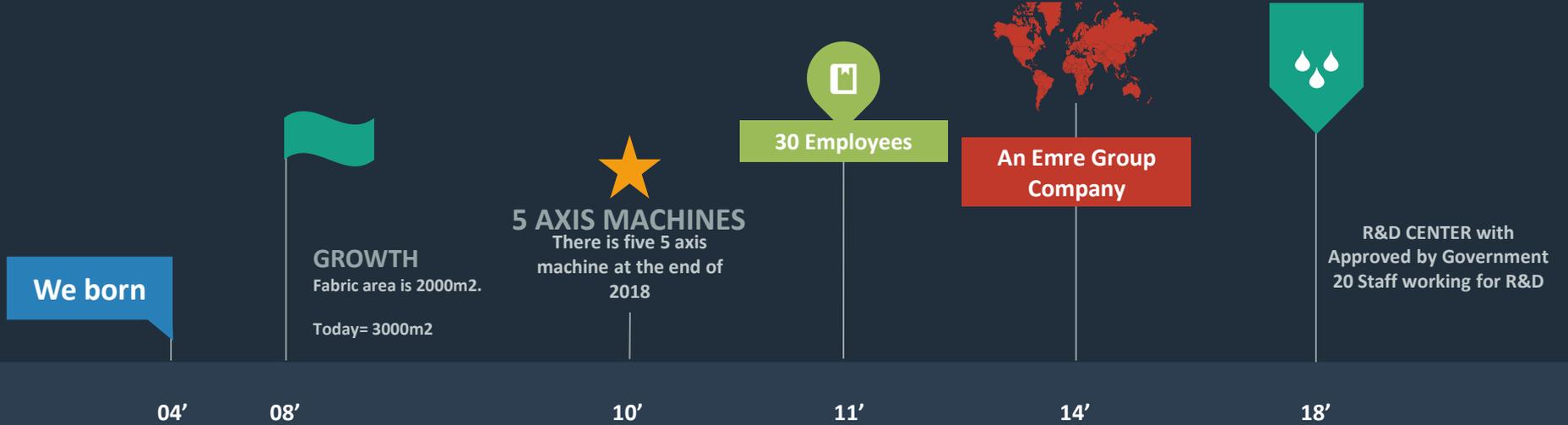


# Our Awesome Team

Family Chart



# Short Company Timeline



Targets= Lights up our way

# Key Figures

2018



Industrial Activity



◆ 0,5M annually investment

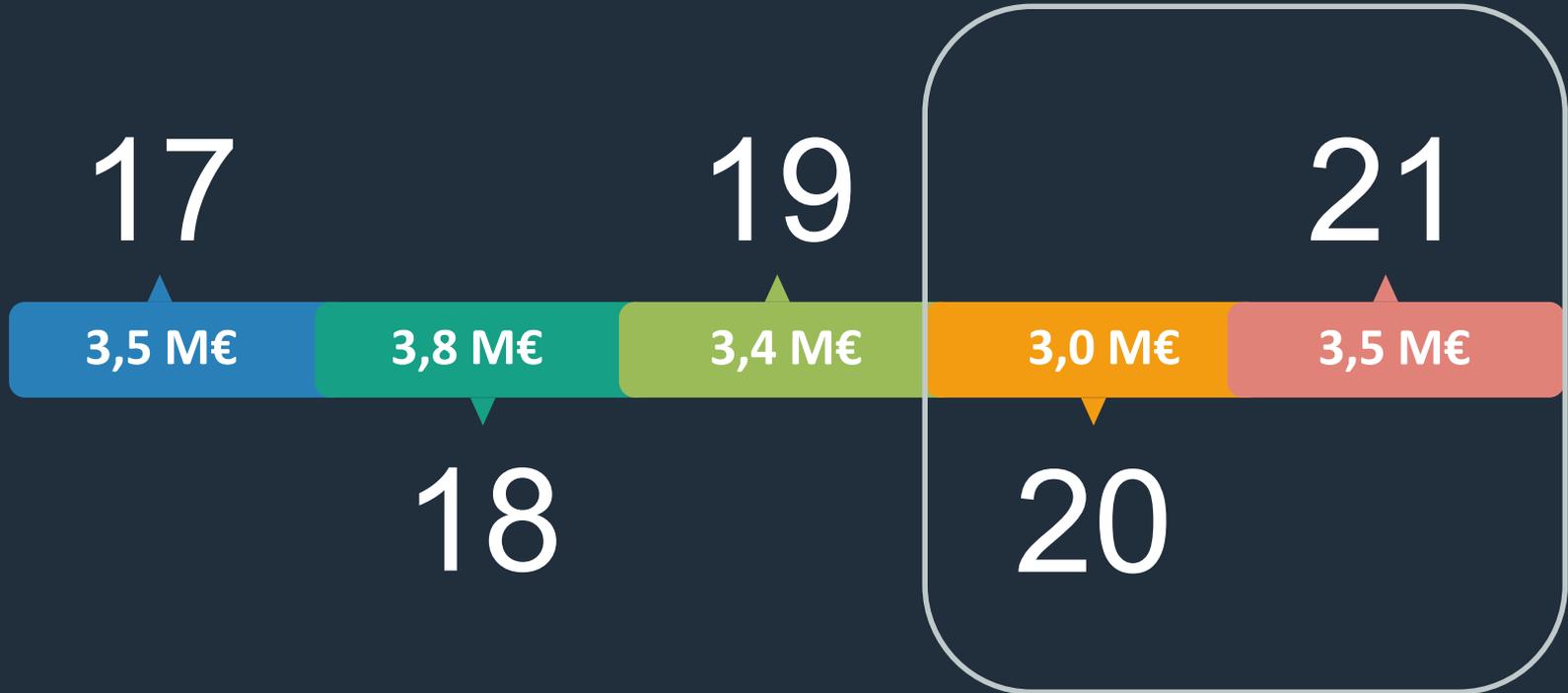
◆ 3,8M annually turnover



◆ %40 Export(Germany, Slovenia, Romania, Bulgaria)

◆ %70 Capacity usage(*with one shift*)

# Turnovers



# References

Work together, happy together...



# Customer Ranking: Top 5

TURNOVER RATIO

2019



● ODELO

● FARBA

● MAHLE

● MAGNETI  
MARELLI

● FARPLAS

● OTHERS



We are small stars  
doing big things in this  
industry.

*Emre Makina Design Team*

# Machinery

Imagine it, design it, make it.



**AWEA-1020**



**SORALUCE TA-35**



**DMG CTX-310**

**DMG DMU-50(x2)**



**DMG DMU-65**



**DMG DMU-75**

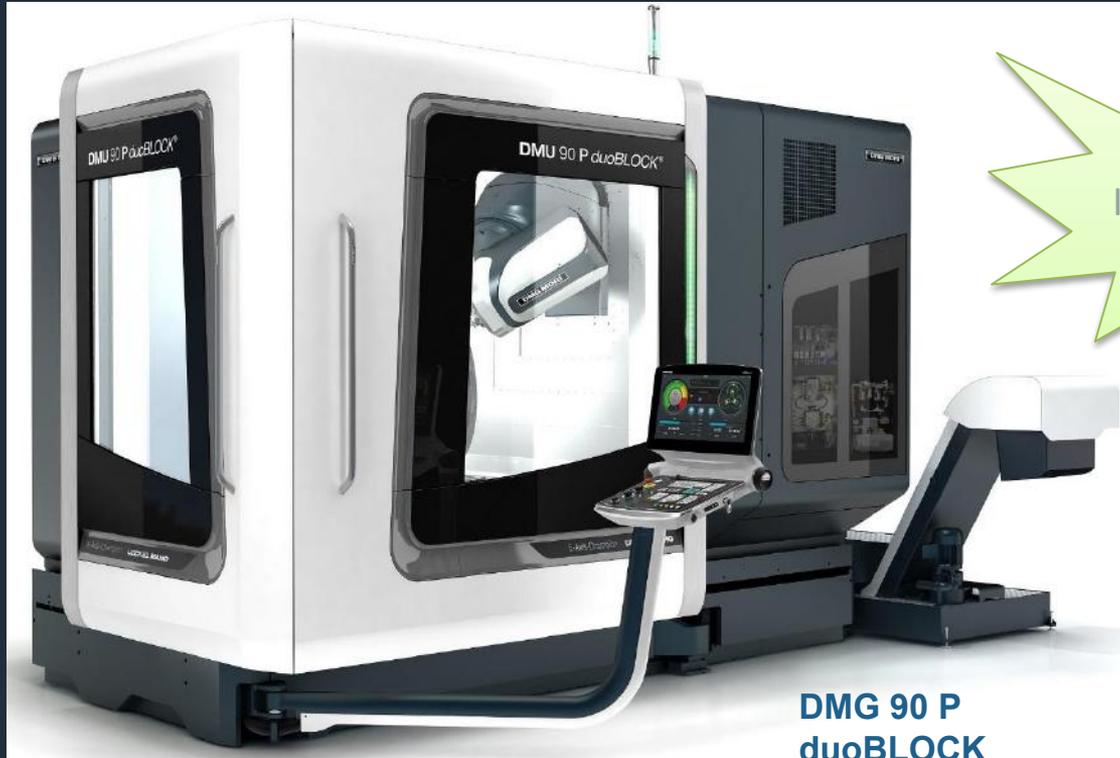


**DEA  
3D CMM**



# Machinery

Imagine it, design it, make it.



NEW  
INVESTMENT  
AT 2018

**DMG 90 P  
duoBLOCK**

# MACHINERY



DMG MORI  
DMU 90 P duoBLOCK



DMG MORI  
DMU 75 monoBLOCK



DMG MORI  
DMU 65 monoBLOCK



DMG MORI  
DMU 50 ECO



DMG MORI  
DMU 50 ECO



SORALUCE  
TA-35



AWEA  
BM 1020

Origin		GERMANY	GERMANY	GERMANY	GERMANY	GERMANY	SPAIN	TAIWAN
Production Year		2018	2014	2012	2011	2010	2006	2008
5 Axis		YES	YES	YES	YES	YES	YES	NO
5 Axis Continuous		YES	YES	YES	NO	NO	NO	NO
5 Axis Index		NO	NO	NO	YES	YES	NO	NO
5 Axis Manual		NO	NO	NO	NO	NO	YES	NO
X Axis	mm	900	750	735	500	500	3500	1020
Y Axis	mm	1050	650	650	450	450	1200	600
Z Axis	mm	850	560	560	400	400	1250	600
A Axis		YES	YES	YES	YES	YES		
B Axis	Degrees	-30 +180	+120	+120	-5 +110	-5 +110		
Table Size	mm	900	650	650	630	630	3700X1000	1120X600
Maximum Table Load	kg	1800	600	1000	300	300	7800	1000
Workpiece Measurements	mm	1000X1000X1450	590X500X840	590X500X840	550X550X450	550X550X450	3500X1200X1250	1020X600X600
Integrated Motor Spindle	rpm	20.000(up to 70.000)	20.000(up to 70.000)	15.000(up to 70.000)	14.000	14.000	4.000	8.000
Power	kW	35	35	35	14	14	28	11
Torque	Nm	130	130	130	84	84	140	85
Tool Magazine Wheel	Pockets	120	60	30	24	24		24
Positioning accuracy of the linear axes X/Y/Z	µm	3	5	5	12	12	20	10
Positioning accuracy of the rotational axes A/B/C	as	3	5	5	12	12	20	

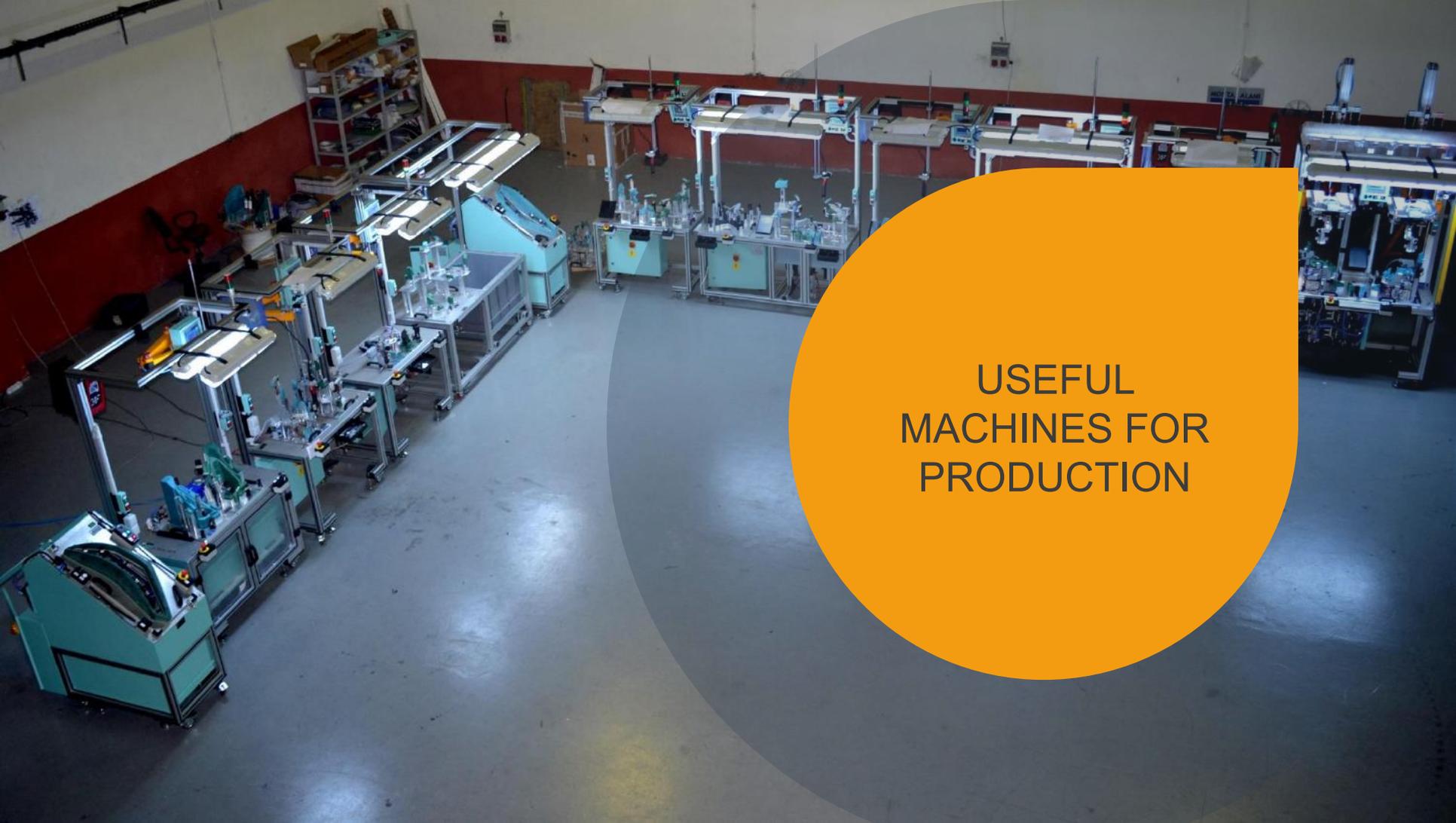
CNC LATHE DMG CTX 310 ECO		Max. Swing Diameter ø330	Max. Turning Diameter ø200	Z axis stroke: 455mm	Max. Spindle Power: 16,5kW	Max. Torque: 166,5Nm	Max. Speed Range: 5.000rpm	
------------------------------	--	-----------------------------	-------------------------------	-------------------------	-------------------------------	-------------------------	-------------------------------	---

CMM DEA GLOBAL 09.20.08		Strokes(mm) X/Y/Z 900x2000x800	Max. Scanning Speed 300 mm/s	Positioning Repeatability 0.5 µm	Positioning Accuracy 0.6 µm	Max. Table Load 1800kg	System Resolution 0.039 µm	
----------------------------	--	--------------------------------------	---------------------------------	--	--------------------------------	---------------------------	-------------------------------	--



# Assembly Lines

Assembling, testing and controlling.



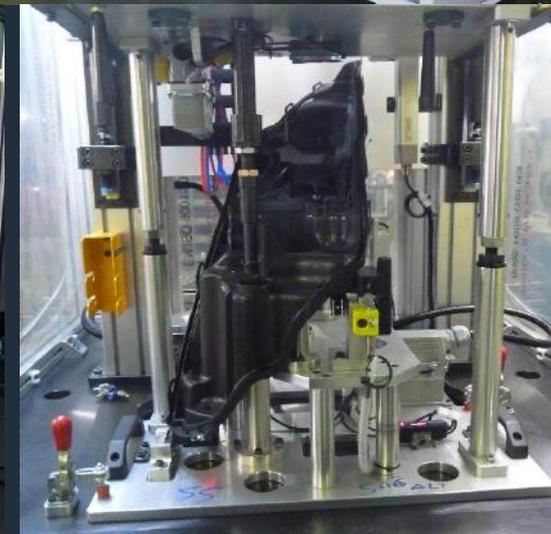
USEFUL  
MACHINES FOR  
PRODUCTION

# ASSEMBLY LINES

---



# ASSEMBLY LINES



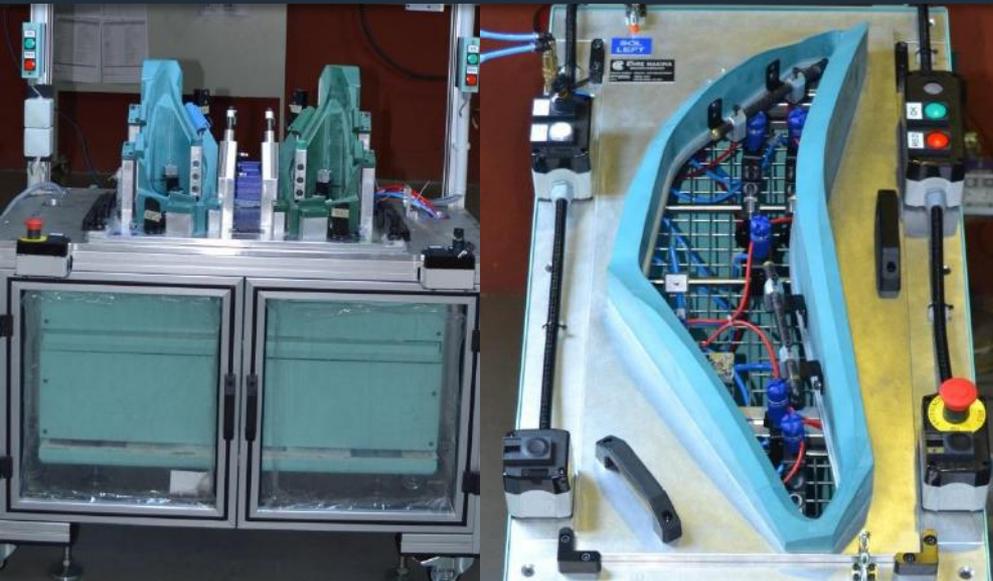
# ASSEMBLY LINES

---



# ASSEMBLY LINES

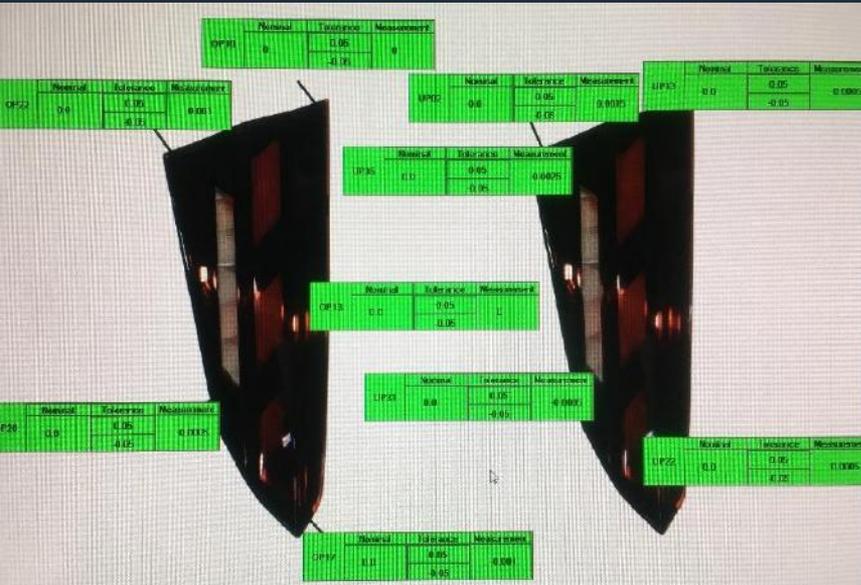
---



# INLINE MEASUREMENT

%100 AUTOMATIC MEASUREMENT SYSTEM.

- MEASURING ALL PARTS
- SPECIAL SOFTWARE
- HIGH PRECISION
- REPEATABILITY



# EOL TEST(double)

TESTING PARTS END OF LINE.

- HIGH RESOLUTION CAMERAS
- EASY TO USE INTERFACE
- DURABLE MECHANIC



# EOL TEST(fully open)

---

TESTING PARTS END OF LINE.

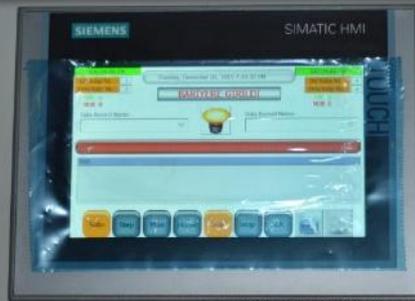
- HIGH RESOLUTION CAMERAS
- EASY TO USE INTERFACE
- DURABLE MECHANIC
- EASY PART LOADING



# LEAKAGE TEST

LEAKAGE TEST OF THE FINISHED PARTS.

- INTERCHANGEABLE FIXTURES
- EASY TO USE INTERFACE
- DURABLE MECHANIC



# ROBOTING

---

## PLAZMA SYSTEM BEFORE GLUING

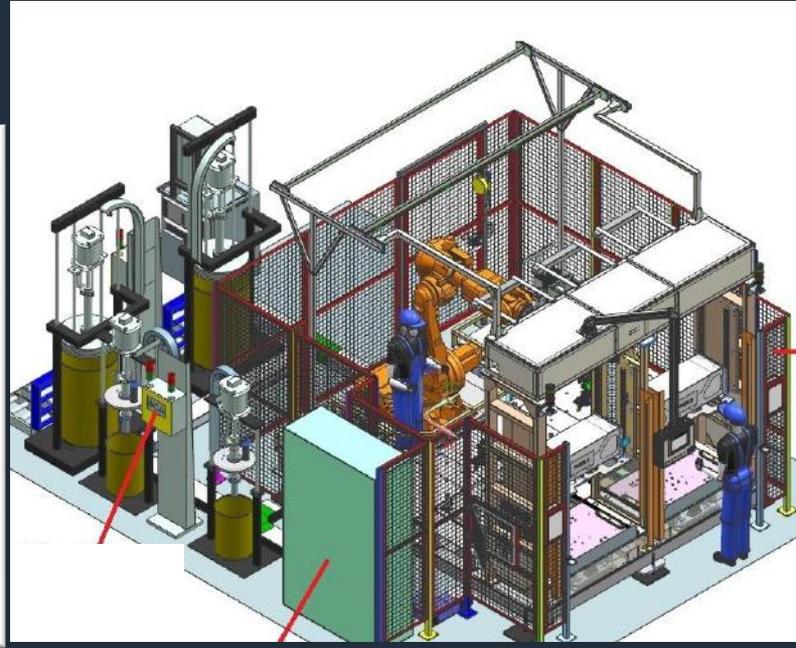
- PLASMA TREAT
- ROTARY TABLE FOR SAFETY
- EASY PART LOAD-UNLOAD



# ROBOTING

## 2K GLUING AND SERVO PRESSING SYSTEM

- SCA SERVO GLUING SYSTEM
- 2 AXIS SERVO MOTION SYSTEM
- PRECISE POSITIONING.

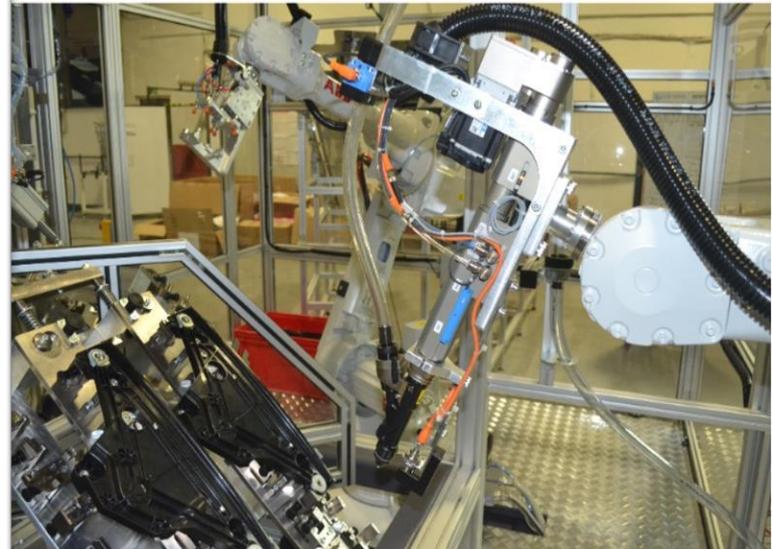
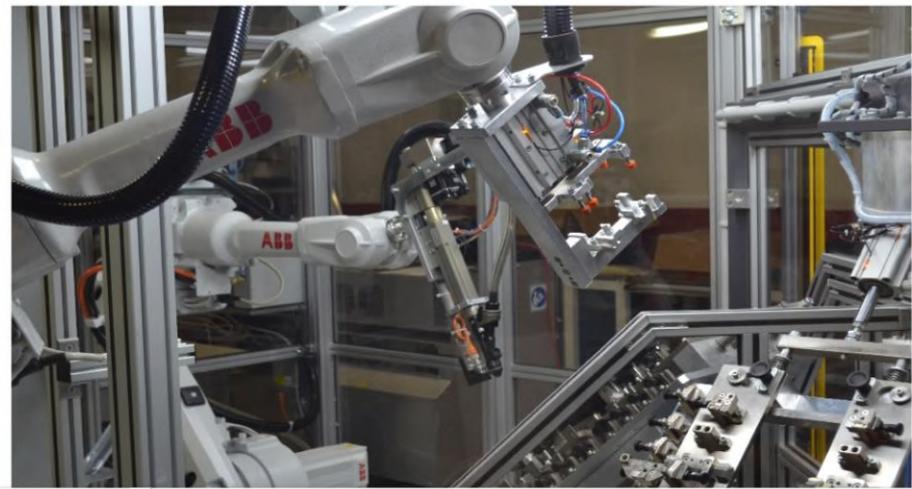


# ROBOTING

---

SCREWING, GREASING AND HANDLING SYSTEM.

- 4 STATIONS ROTARY TABLE(WEISS)
- DOUBLE ROBOTS(ABB)
- AUTOMATIC SCREWING(WEBER)
- AUTOMATIC GREASING
- AUTOMATIC PULLEY LOADING

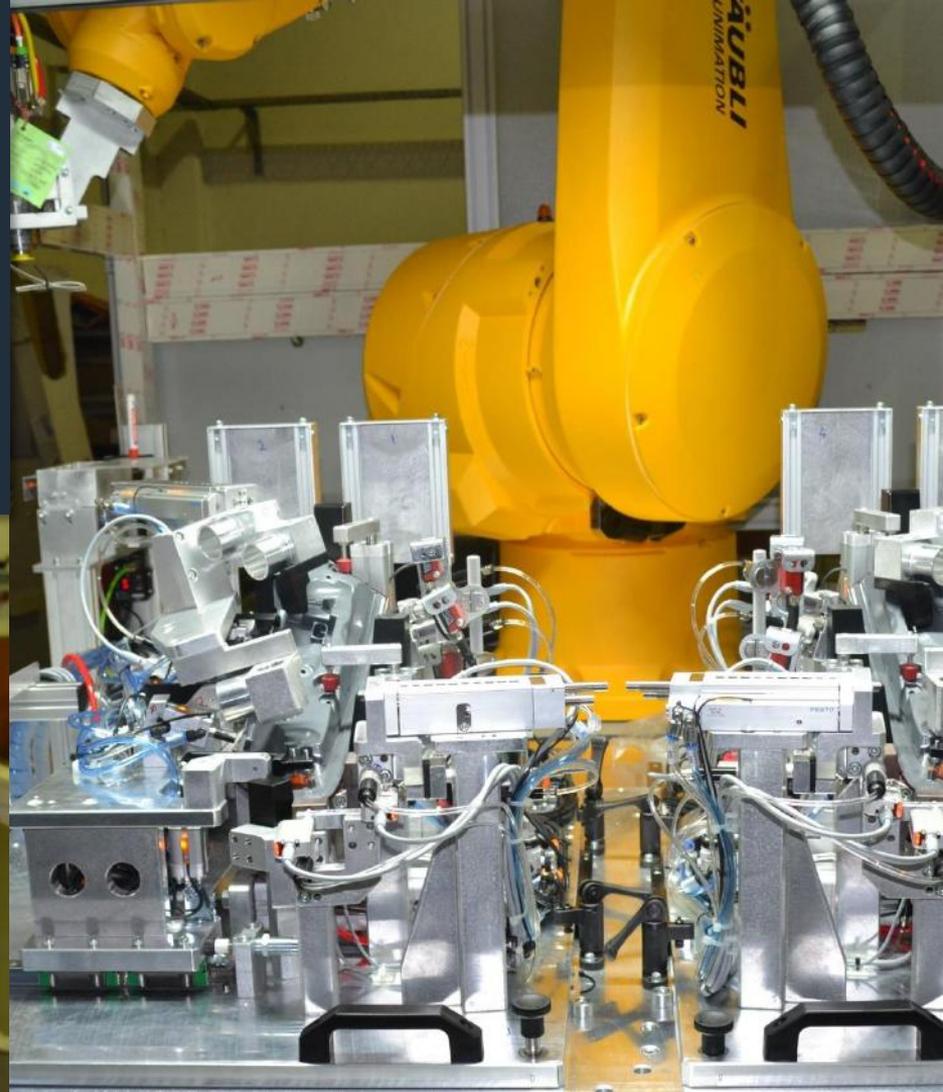


# ROBOTING

---

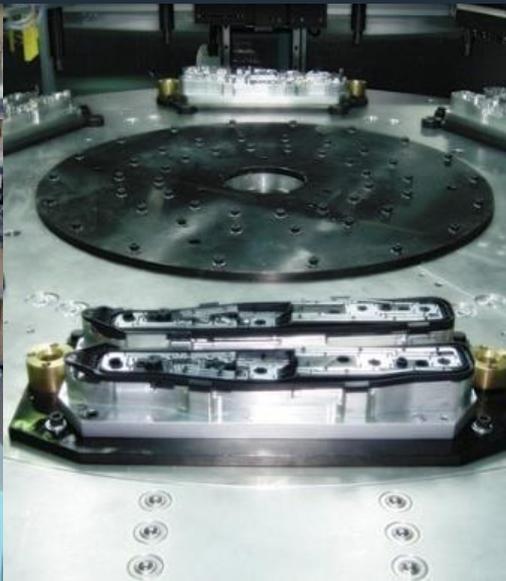
MILLING/DRILLING SYSTEM.

- POSITIONING ACCURACY
- HIGH TOLERANCE ROBOT(STAUBLI)
- REPEATABILITY(0,05mm)
- HIGH SPEED(45.000rpm)



# ROTARY TABLE SYSTEMS

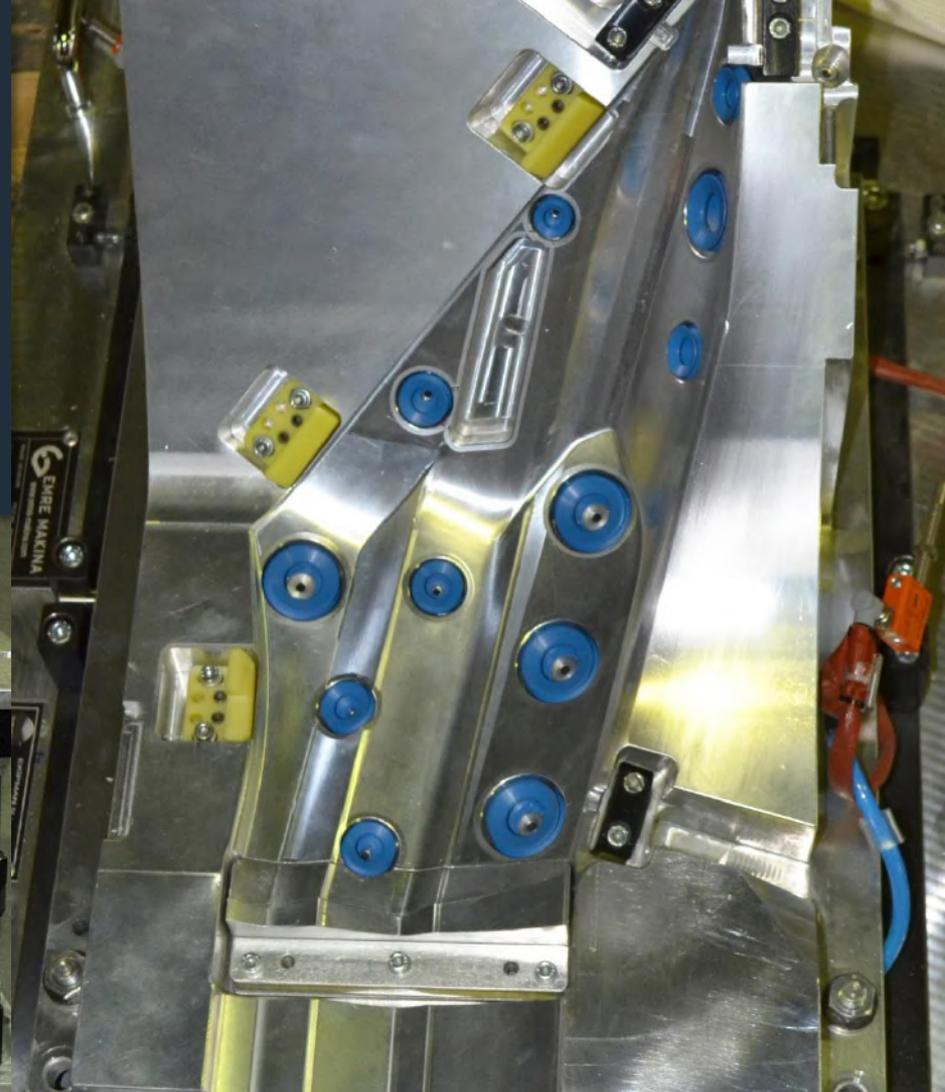
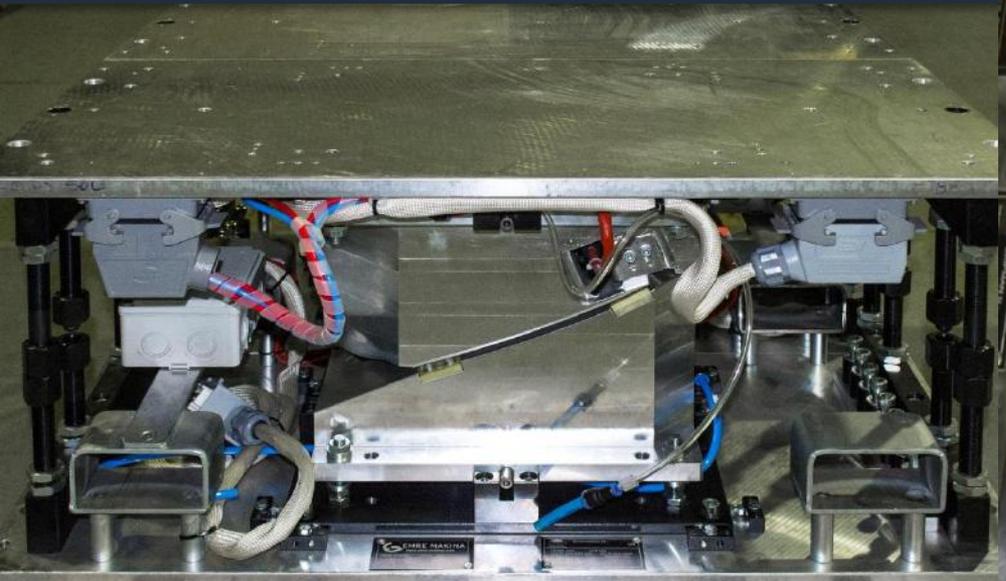
SIX STATION ROTARY TABLE



# HOT PLATE WELDING

---

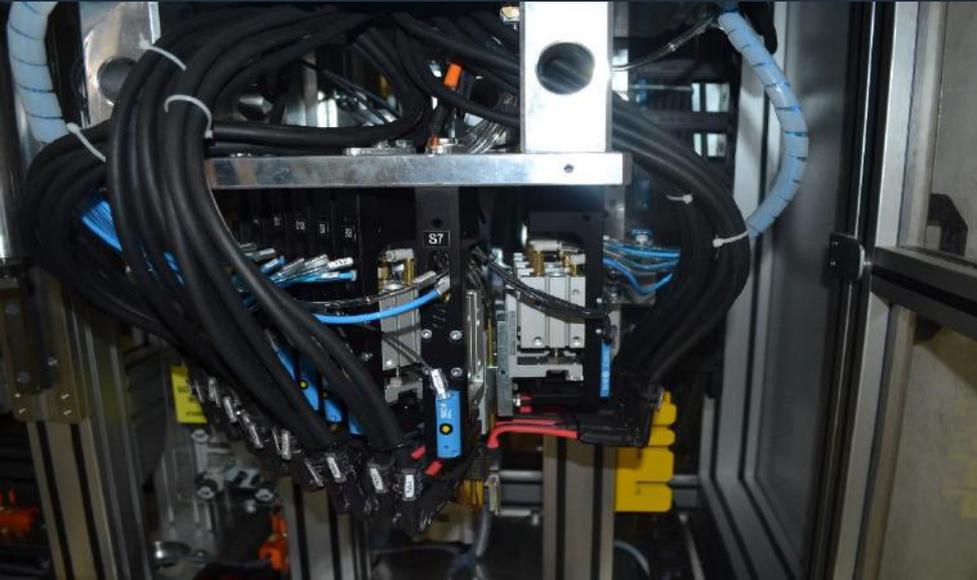
WELDING FIXTURES FOR AUTOMOTIVE...



# PULSE STAKE WELDING

SPECIAL WELDING AND BENDING SOLUTION

- VERY FAST WELDING FOR JOINTING
- DOUBLE SIDE WELDING AND BENDING OPERATION
- WORK SAFETY
- QUICK CHANGE FIXTURE

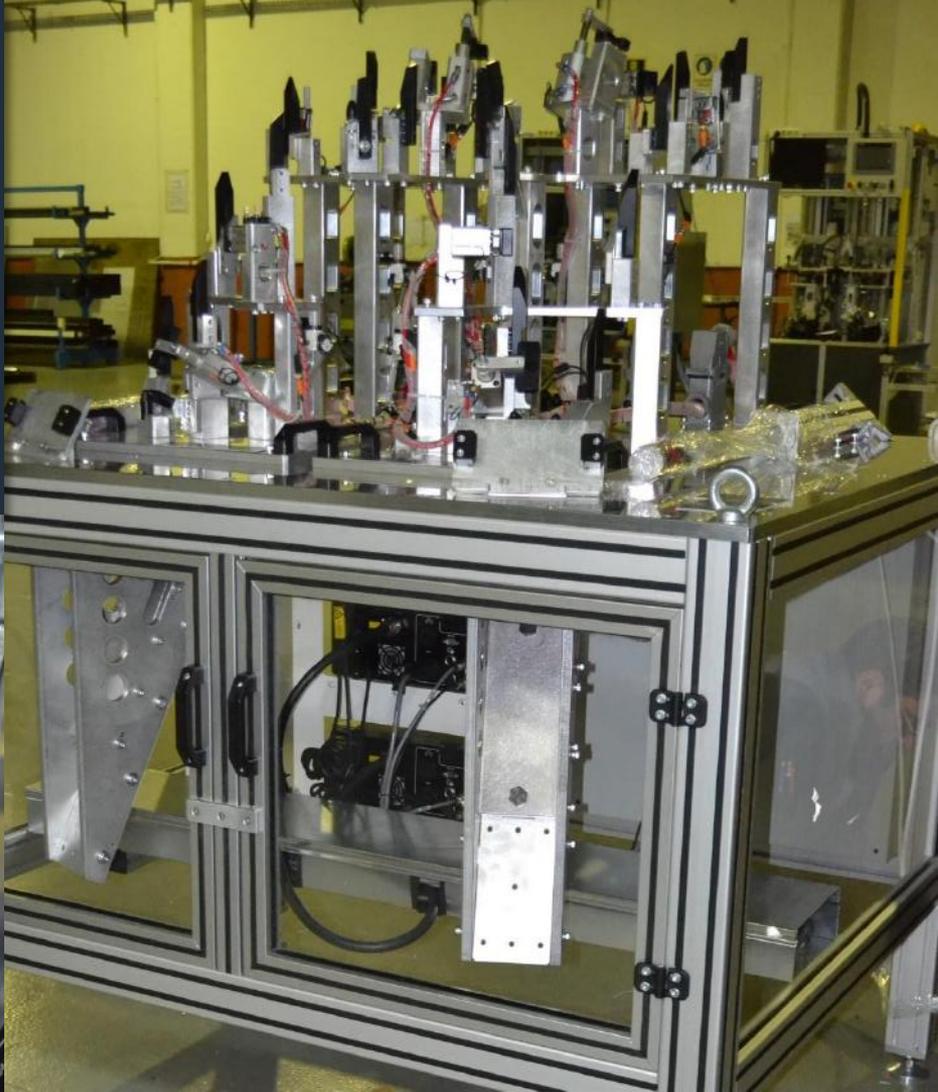
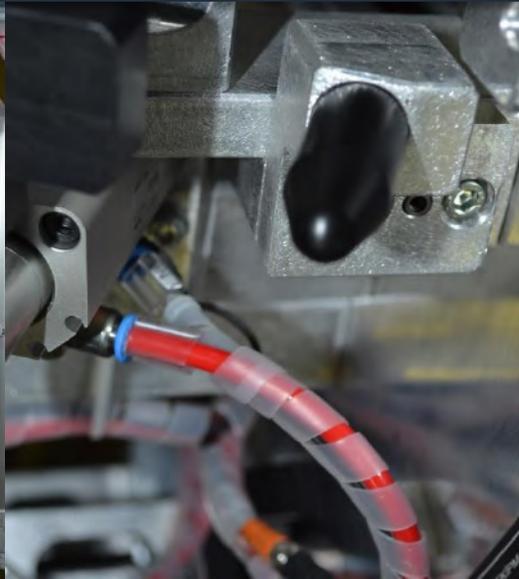


# LASER MARKING

---

MARKING PARTS WITH LASER

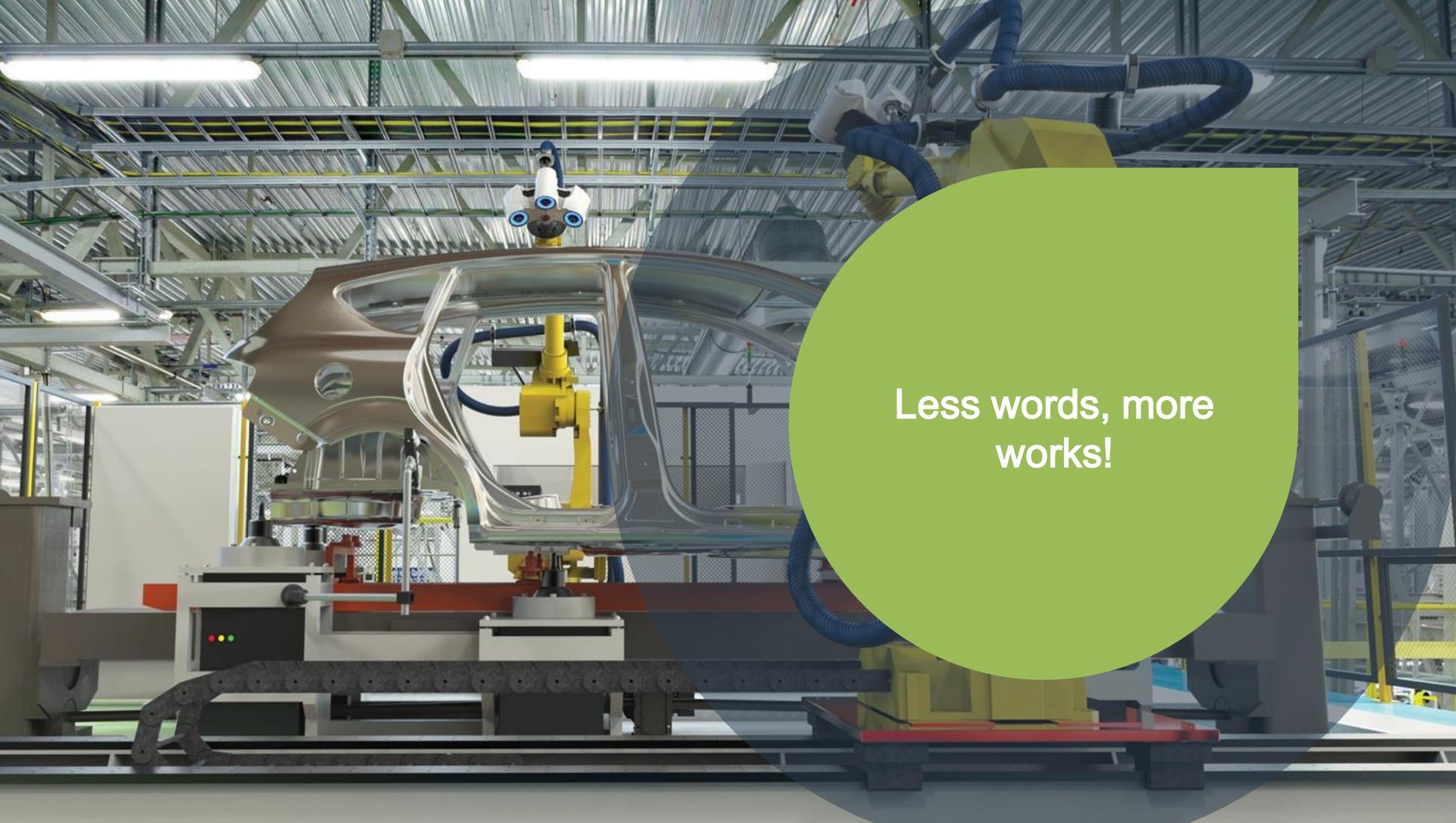
- VIDEOJET
- ROFIN



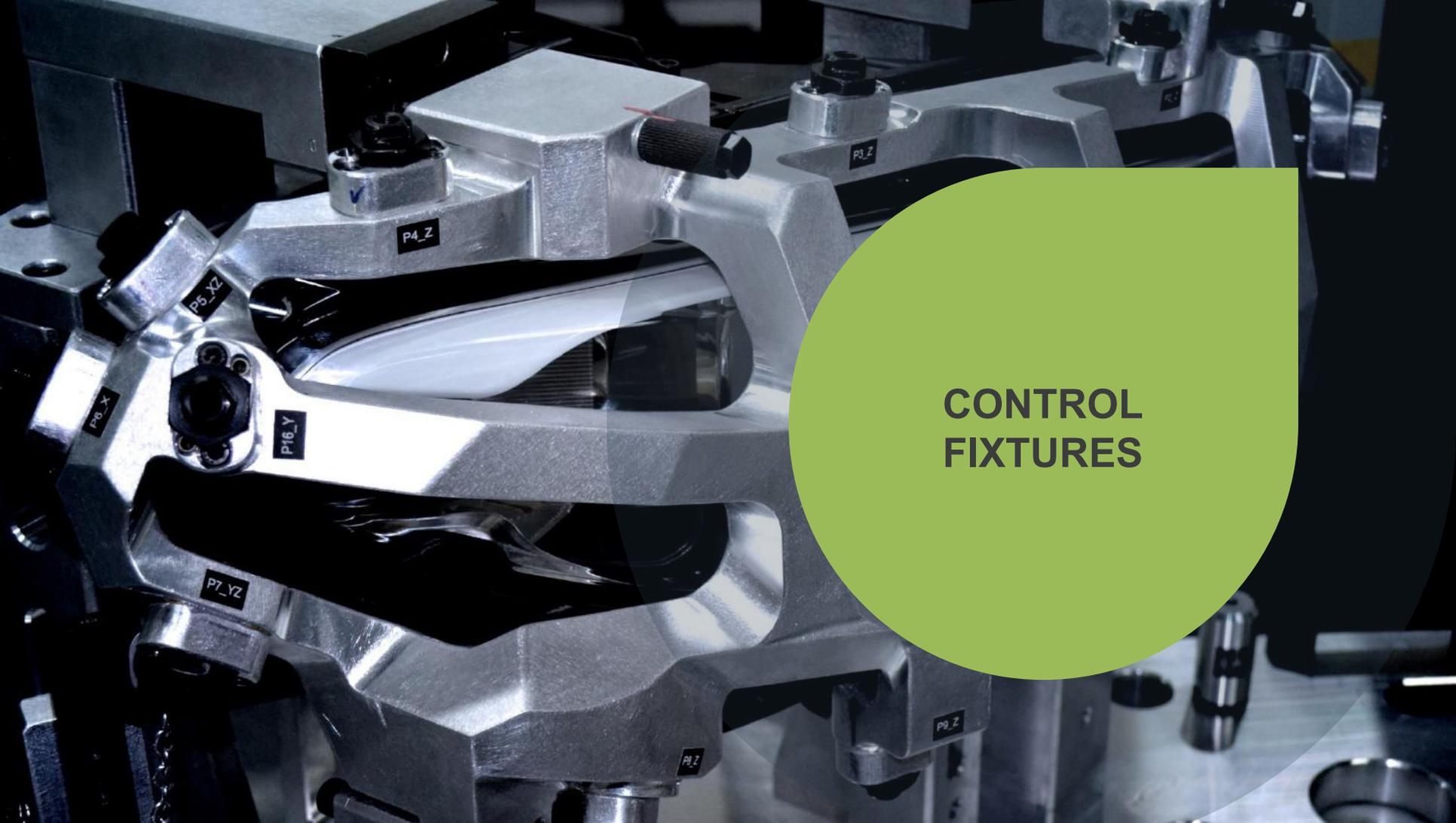
# OVEN

3MT. 5MT. 7MT. 9MT.





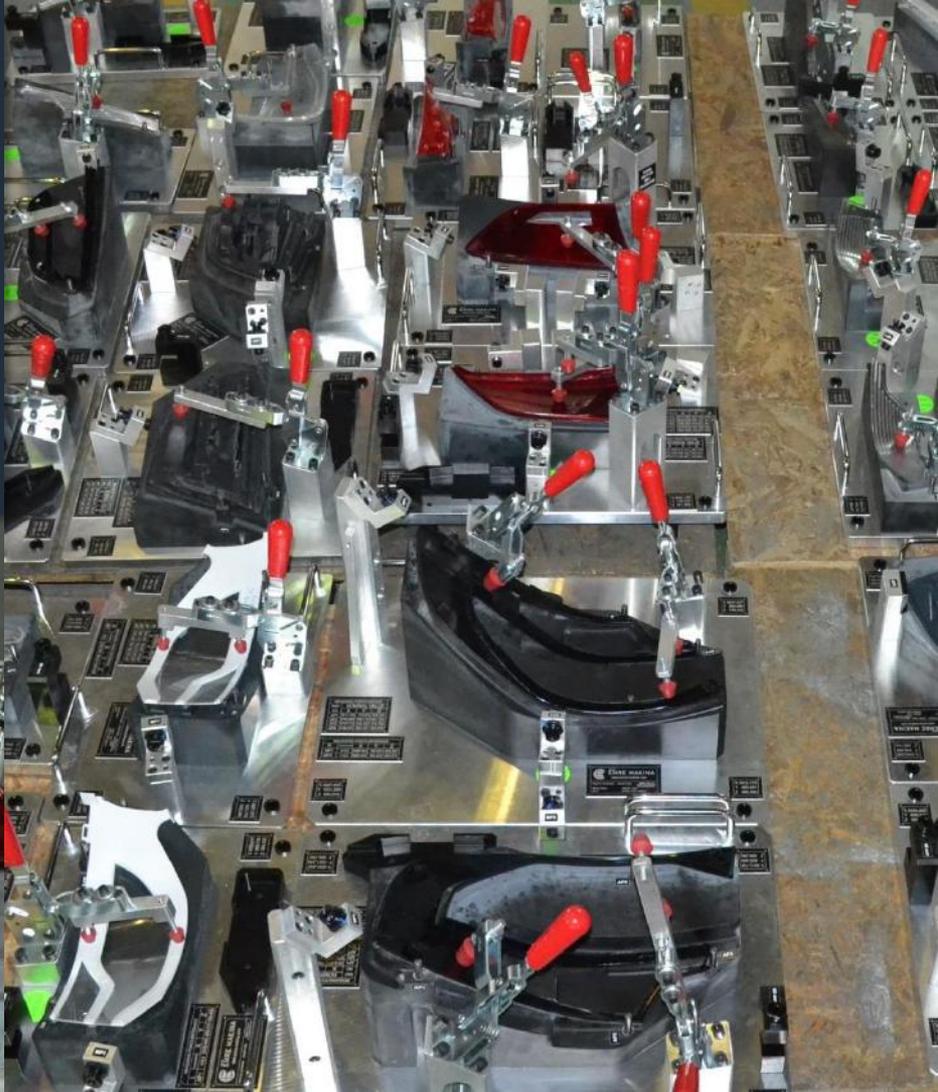
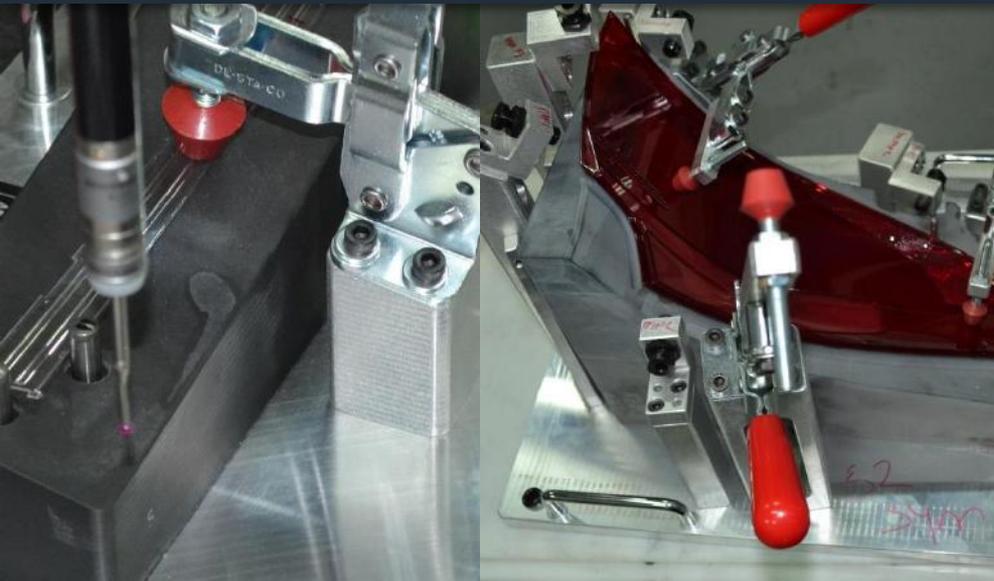
Less words, more works!



**CONTROL  
FIXTURES**

# FAST JIGS AFTER INJECTION

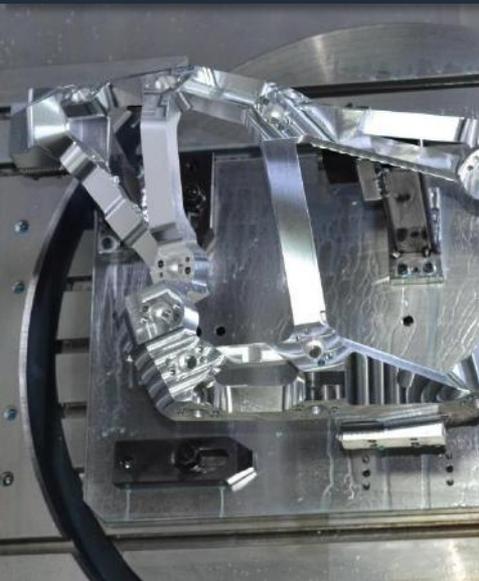
---



# C.F.

---

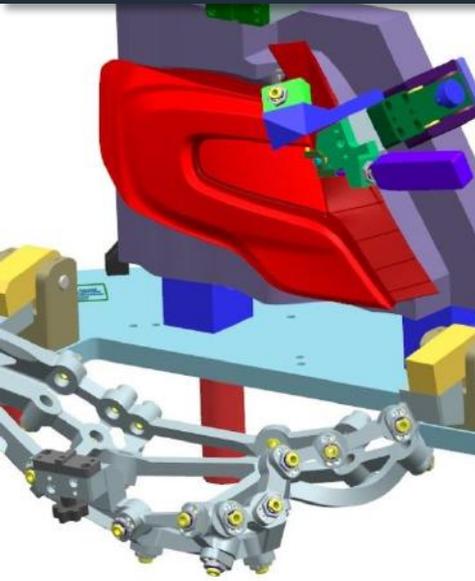
SIMULATING CARBODY AND MEASURING POINTS  
TOGETHER



# C.F.

---

SIMULATING CARBODY AND MEASURING POINTS  
TOGETHER



C.F.





# Fell free to say hi!

We are workers to make best for  
you

NOSAB Köknar Caddesi 25/A Nilüfer/BURSA

Phone : (+90 224) 411 10 98 - Fax : (+90 224) 411 21 32

[info@emre-makina.com](mailto:info@emre-makina.com)

[www.emre-makina.com](http://www.emre-makina.com)