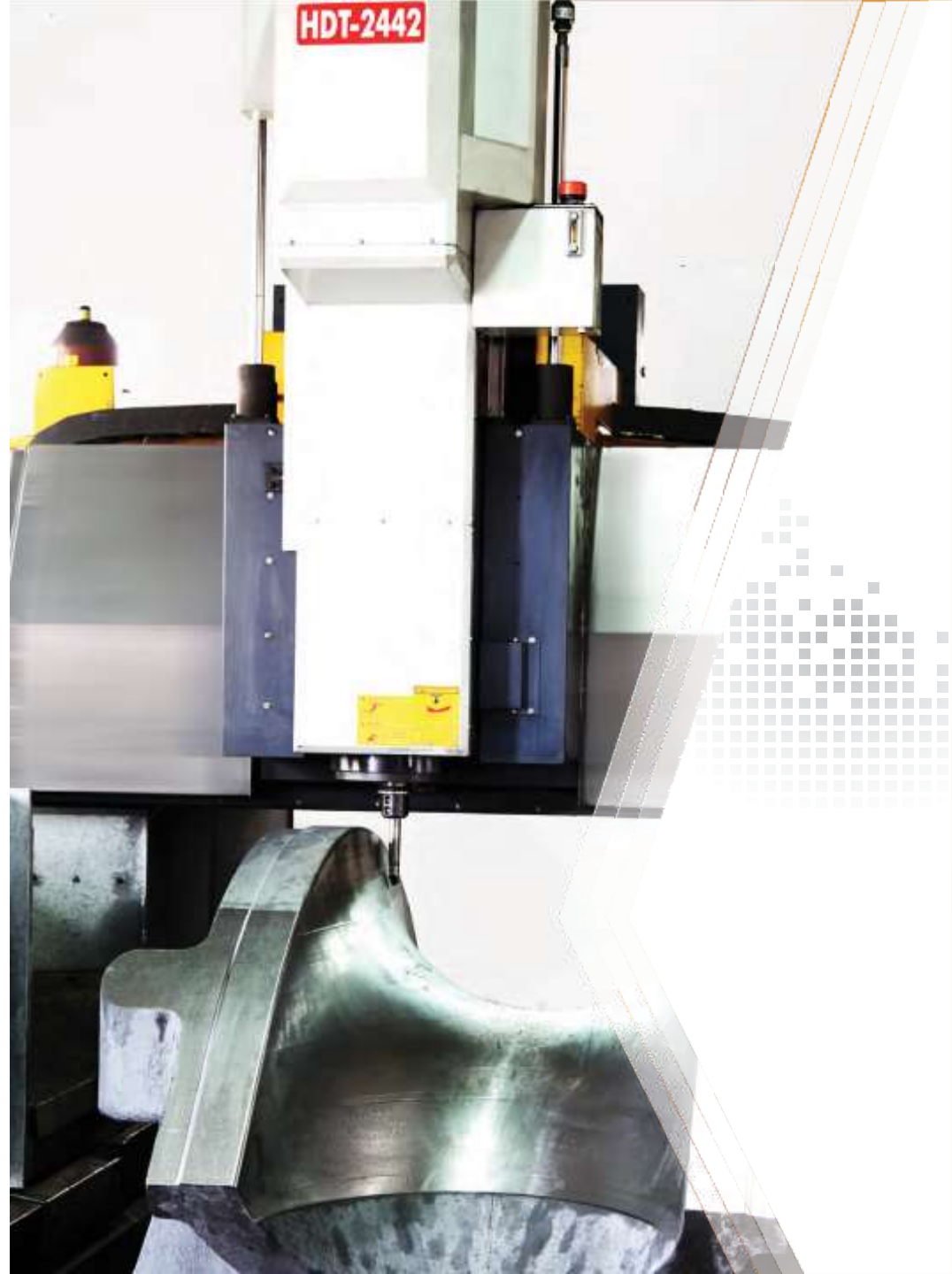


ELDE

KALIP A.Ş

www.elde.com.tr



ELDE KALIP HAS ACHIEVED
WIDE RECOGNITION IN A SHORT
TIME WITHIN TURKEY WITH
THE CONTRIBUTION OF TOTAL
QUALITY MANAGEMENT
STUDIES EXECUTED WITH THE
LATEST QUALITY SYSTEMS

HIGH QUALITY PRODUCTION

ELDE KALIP

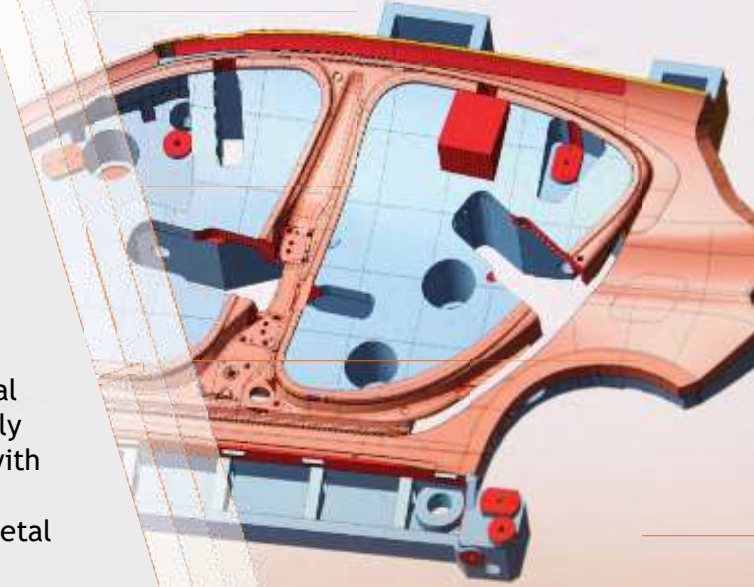
ABOUT US

ELDE KALIP, working in cooperation with major industrial companies, has gained a solid and reliable place in highly competitive, fast-growing market. ELDE KALIP, serves with mold design and engineering for the main automotive industry factories, offers one-step solutions for sheet metal and assembly of complicated value-added parts.

Our company's strength lies in long years of experience and effective development process.

This element helps our clients to compete in global markets.

CUSTOMER
ORIENTED
HIGH
QUALITY
PRODUCTION



HISTORY

Our company was established in Bursa in 2013 on a 1000 m² closed area. In 2019; In order to increase our capacity, we have moved our machining factory to a closed area of 2,500 m².

As a result, we are proud to provide better quality service to our domestic and foreign customers, having reached a capacity of more than 80,000 hours per year. (Machining = 40.000 hours / year, Assembly + MAP = 40.000 hours / year)

MISSION

To provide a positive contribution to society and environment without compromising the quality of products and services while keeping customer satisfaction in foreground.

To increase our targets every day with the achievements of our activities.

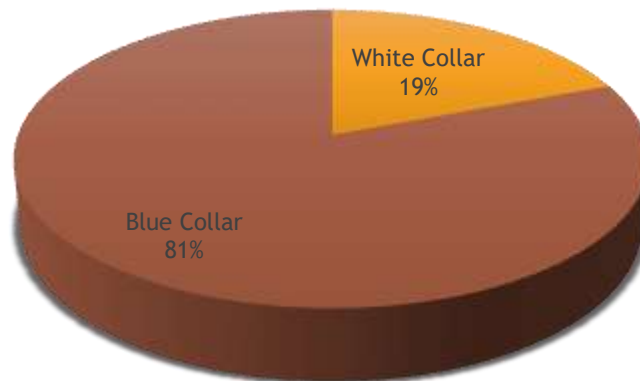
To become a company that aims to serve a wider audience.

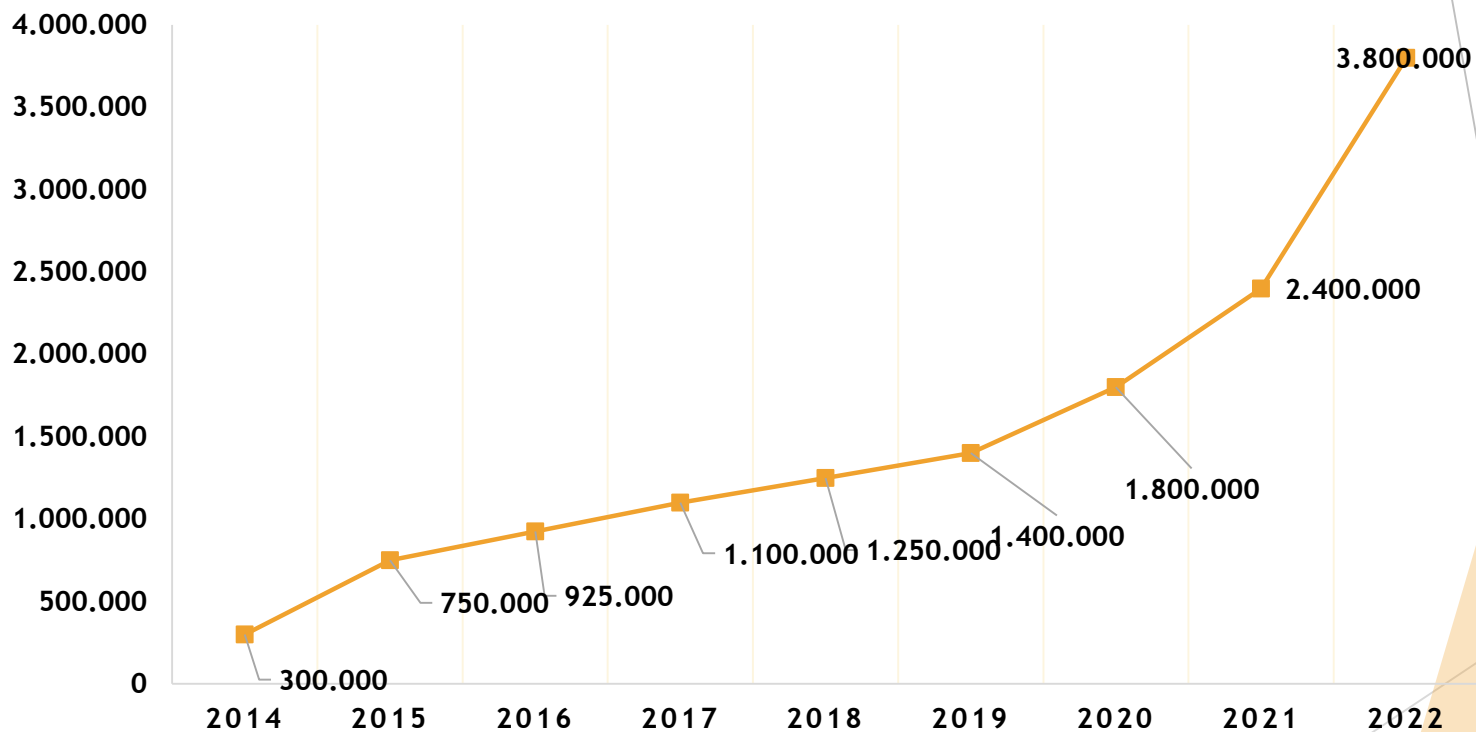
VISION

To become reputable and known with our success, credibility, respectability and entrepreneurship in the industry we serve.

EMPLOYEES***ELDE KALIP : (Total: 26 Employees)***

- 5 White Collar Employee
- 21 Blue Collar Employee



TOTAL TURNOVER BY YEARS**—■ Total turnover €**

MACHINING FACTORY

Brand	X	Y	Z	Type	Capacity	Total
FOUR-STAR 2852	5200	3500	1250	BRIDGE MILLING MACHINE	20 TON	1
FOUR-STAR 2432	3200	2400	900	BRIDGE MILLING MACHINE	15 TON	1
FOUR-STAR 2442	4200	2400	1380	BRIDGE MILLING MACHINE	50 TON	1
U-CHİNE UDM-5228B	5200	2800	1200	BRIDGE MILLING MACHINE	20 TON	1
U-CHİNE UDM-6236B	6200	3600	1200	BRIDGE MILLING MACHINE	20 TON	1
U-CHİNE UDM-6236B	6200	3600	1200	BRIDGE MILLING MACHINE	20 TON	1
DAHLİH MCV-1060	1060	560	550	C TYPE CNC MILLING	1 TON	1

2019 → G1 2D and 3D machining capacity: 40,000 hours / year

MACHINING EQUIPMENT DETAILS**FOUR-STAR FD2852**

Distance between columns	2800mm
X -axis	5200
Y -axis	3500
Z -axis	1100 (under the column) 1380mm
RPM	6000 rpm
Feed Rate	10.000mm/min
X/Y/Z G00	15/15/15 m-min
Capacity	20 TONS

MITSUBISHI M700

***Manuel Universal Head**

***3-Axis Heidenhain
Linear Scale**



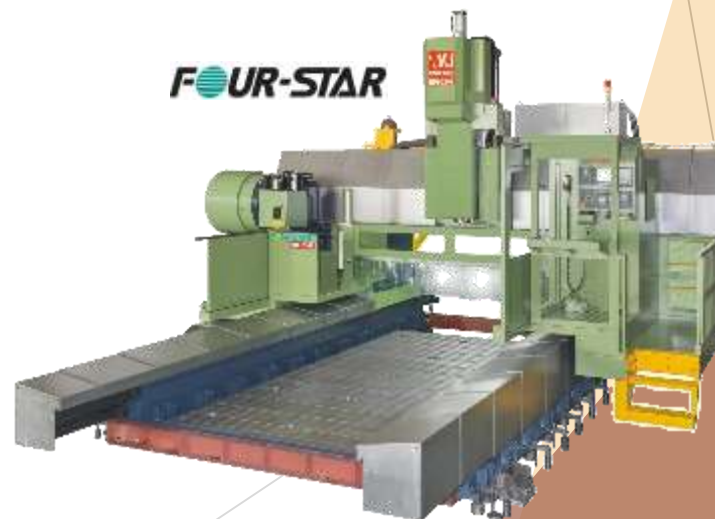
MACHINING EQUIPMENT DETAILS**FOUR-STAR HDT2442**

Distance between columns	2400mm
X -axis	4200
Y -axis	3000
Z -axis	800 (under the column) 1350mm
RPM	6000 rpm
Feed Rate	10.000mm/min
X/Y/Z G00	15/15/15 m-min
Capacity	50 TONS / FIXED TABLE

FANUC Oi-MD

***Auto 90° Head with 5° Index**

***3-Axis Heidenhain
Linear Scale**



MACHINING EQUIPMENT DETAILS**FOUR-STAR FD2432**

Distance between columns	2400mm
X -axis	3200
Y -axis	3050
Z -axis	800 (under the column 930mm)
RPM	6000 rpm
Feed Rate	10.000mm/min
X/Y/Z G00	15/15/15 m-min
Capacity	15 TONS

MITSUBISHI M700

***Manuel Universal Head**

***3-Axis Heidenhain
Linear Scale**



MACHINING EQUIPMENT DETAILS**U-CHINE UDM-5228B**

Distance between columns	2800mm
X -axis	5200
Y -axis	3500
Z -axis	1400 (under the column 1700mm)
RPM	6000 rpm
Feed Rate	10.000mm/ min
X/Y/Z G00	15/15/15 m-min
Capacity	20 TONS

MITSUBISHI M80**U'chine**

- Auto 3+2 Index
- 5° / 2,5°

***3-Axis Heidenhain
Linear Scale**

- **RENISHAW OPM60 OMIT2 PARÇA ÖLÇME
SİSTEMİ**



MACHINING EQUIPMENT DETAILS

U-CHINE UDM-6236B

Distance between columns	3600mm
X -axis	6200
Y -axis	4000
Z -axis	1400 (under the column 1700mm)
RPM	6000 rpm
Feed Rate	10.000mm/ min
X/Y/Z G00	15/15/15 m-min
Capacity	20 TONS

MITSUBISHI M80

U'chine



• MANUEL INDEX



MACHINING EQUIPMENT DETAILS

U-CHINE UDM-6236B

Distance between columns	3600mm
X -axis	6200
Y -axis	4000
Z -axis	1400 (under the column 1700mm)
RPM	6000 rpm
Feed Rate	10.000mm/ min
X/Y/Z G00	15/15/15 m-min
Capacity	20 TONS

MITSUBISHI M80

U'chine



• MANUEL INDEX



MACHINING EQUIPMENT DETAILS

DAHLIH MCV-1060

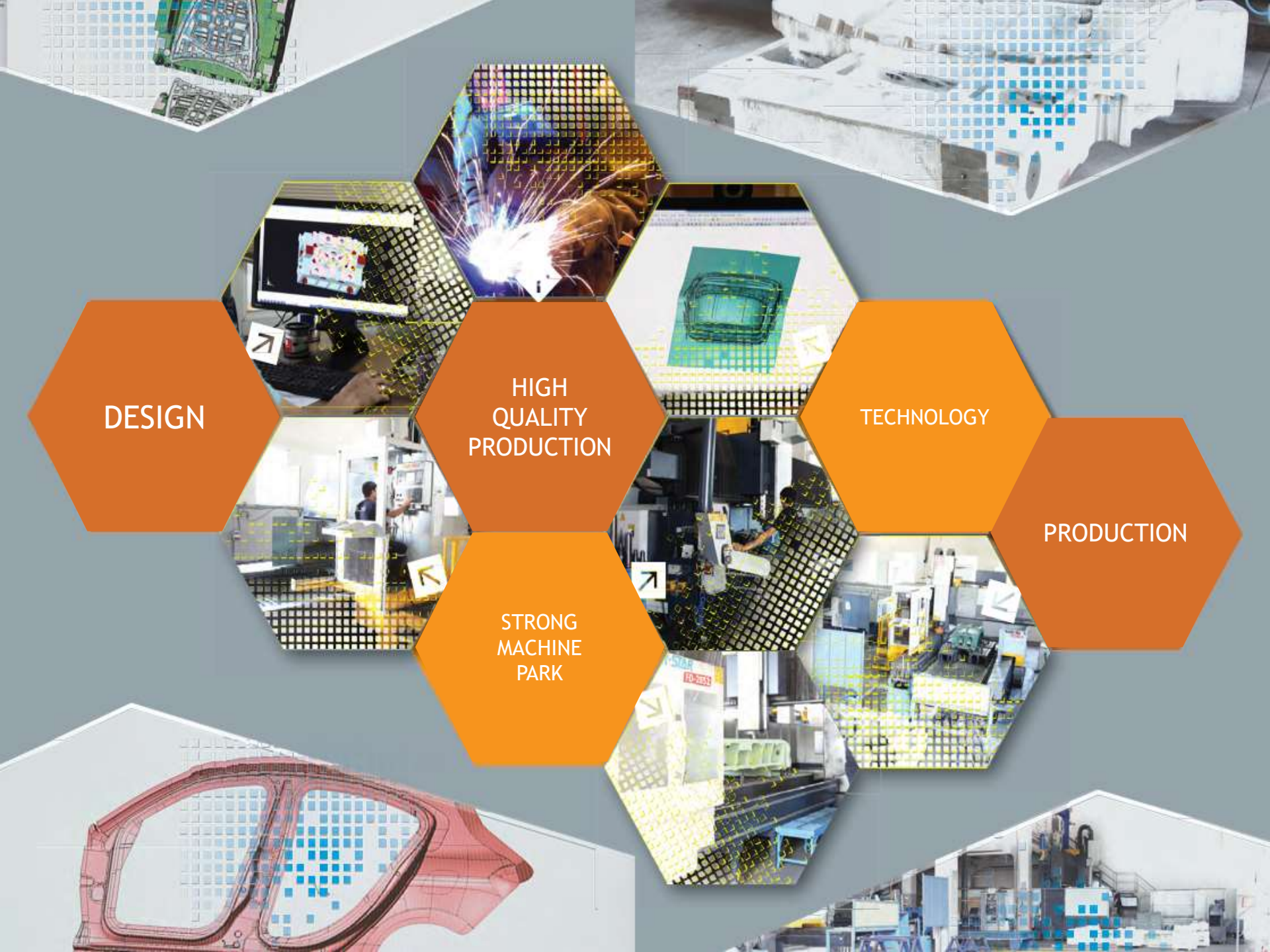
X 1060

Y 560

Z 550

- Model 2020
- 10.000 RPM
- BBT40
- 24 Tool Storage
- Spindle Inner Cooling
- RENISHAW OPM60 OMIT2 Part Measurement System

**DAHLIH**



DESIGN

HIGH
QUALITY
PRODUCTION

TECHNOLOGY

PRODUCTION

STRONG
MACHINE
PARK

ENGINEERING SOFTWARES



VISI CAD-CAM

3D CAM and Design Software



CATIA V5 R21

3D Design Software



NCSPEED

3D CAM and Design Software

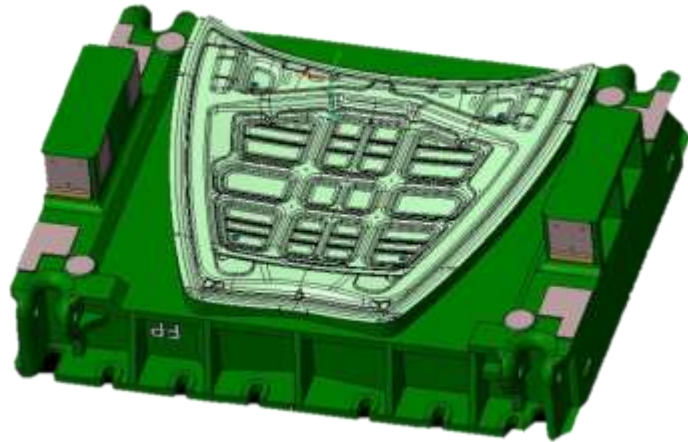
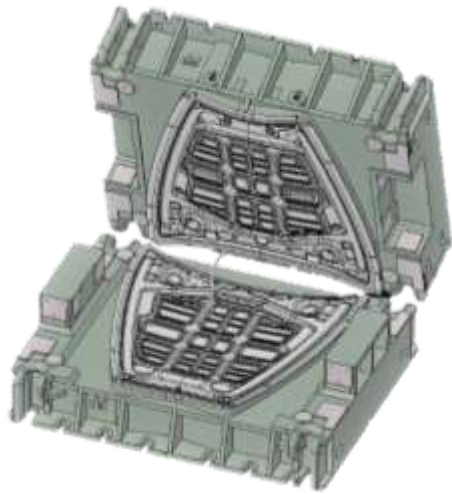


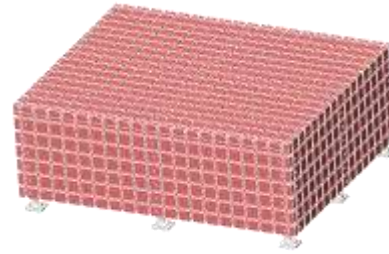
TopSolid

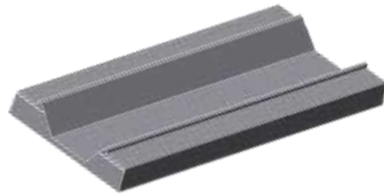
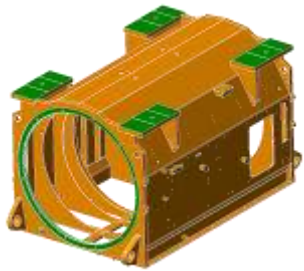
3D CAM and Design Software

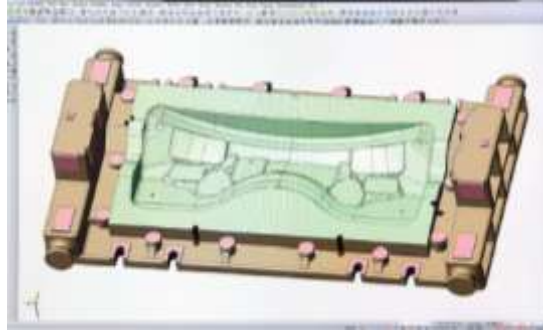
MACHINING SAMPLES





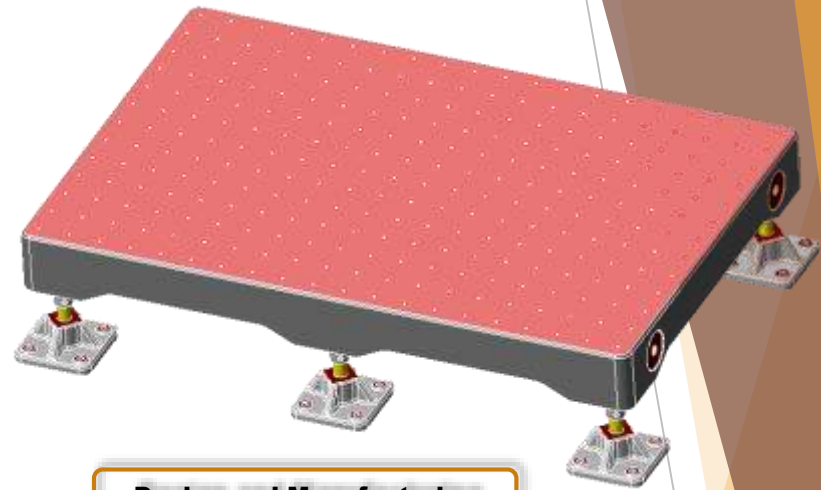








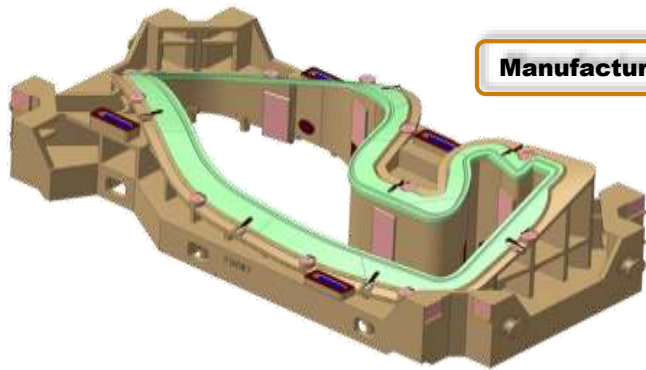
Design and Manufacturing



Design and Manufacturing



Design and Manufacturing



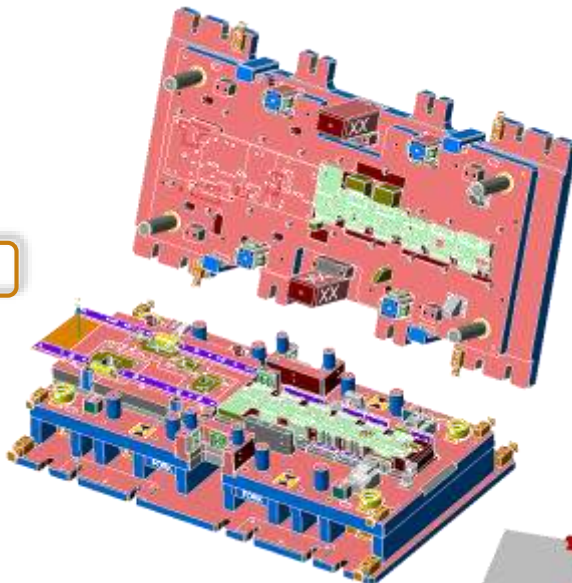
Manufacturing



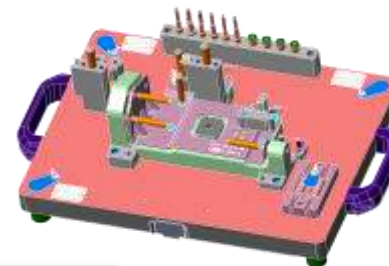
Manufacturing

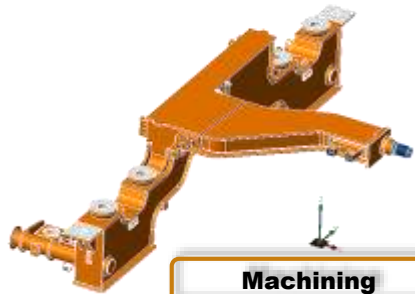


Design

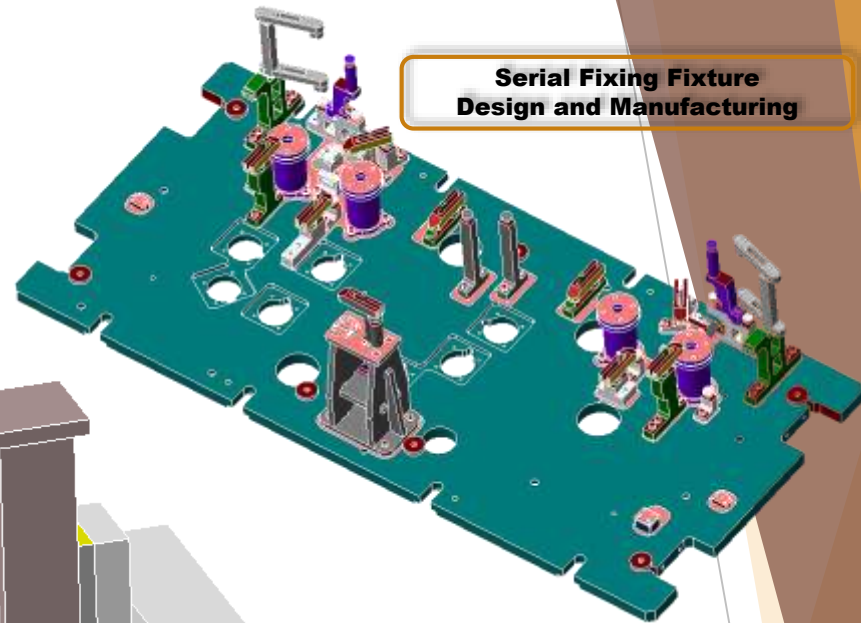


Design

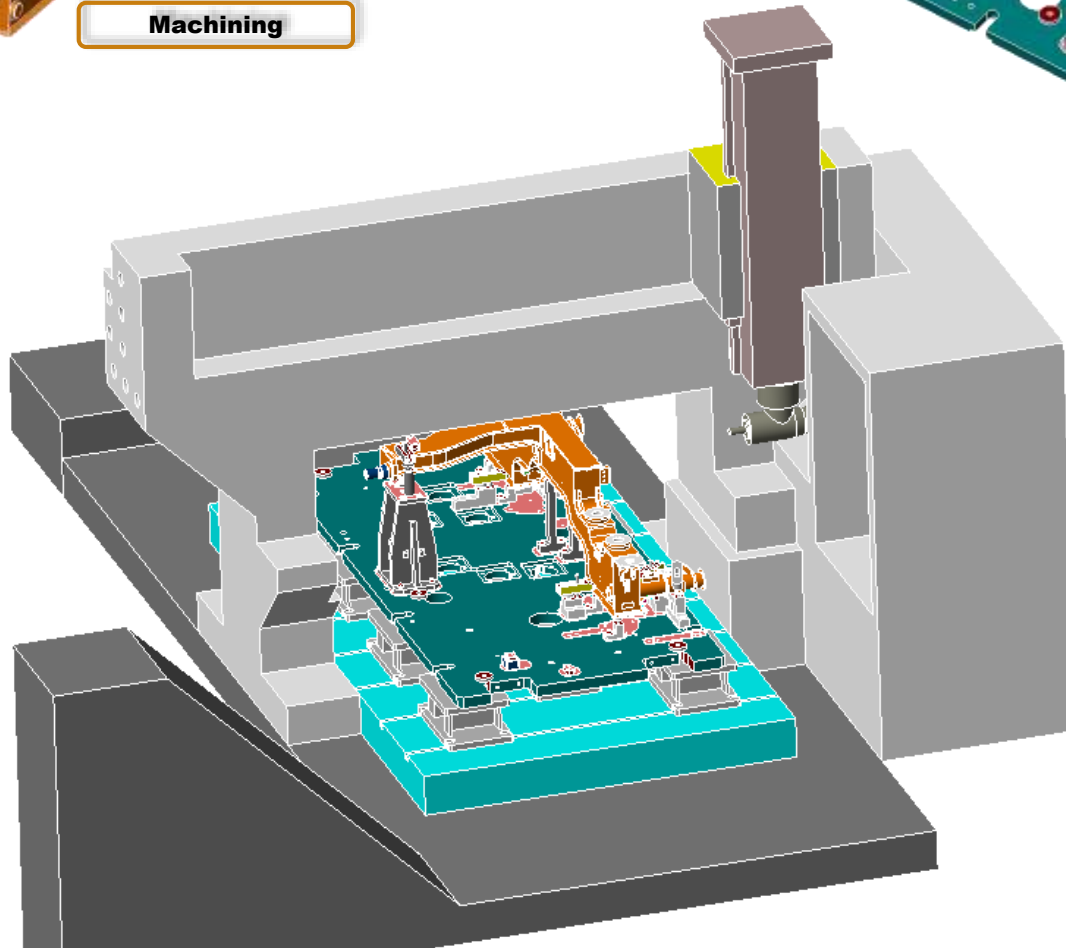




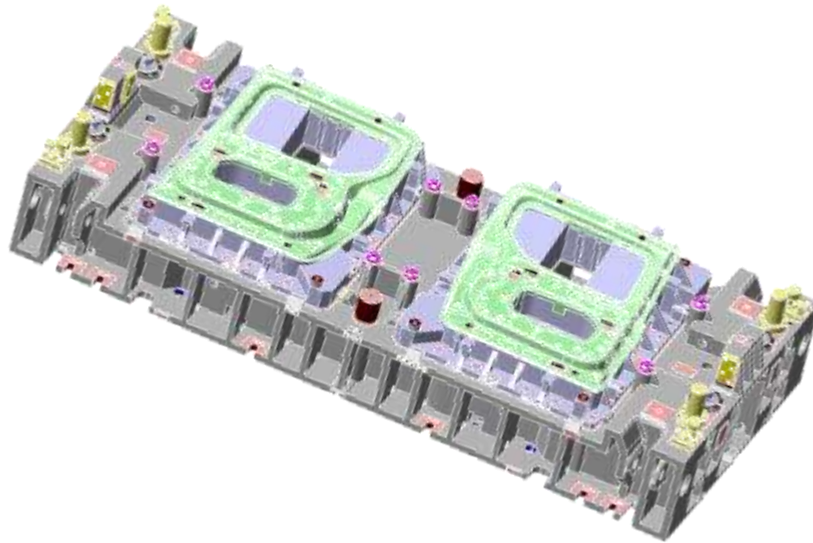
Machining

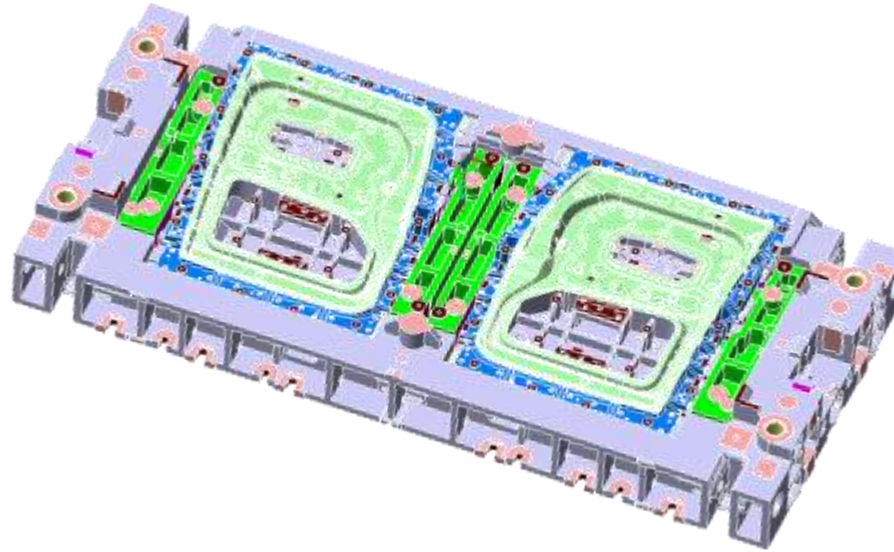


**Serial Fixing Fixture
Design and Manufacturing**









ASSEMBLY and UNDER-DIE LAPPING



REFERENCES

Oyak-Renault / Automobile Manufacturer (Bursa/Turkey)



Tofaş Otomobil Fabrikası / Automobile Manufacturer (Bursa/Turkey)



Toyota Otomobil Fabrikası / Automobile Manufacturer (Sakarya/Turkey)



Bilsing Automation / Automotive Supplier (Germany)



MFK Makina Freze Kalıp Oto Yan San. İnş. Ve Paz. San. Tic. Ltd. Şti.



Beyçelik Holding / Automotive Supplier (Bursa/Turkey)



Ermetal A.Ş. / Automotive Supplier (Bursa/Turkey)

REFERENCES



Alstom Transport / Passenger Wagon Manufacturer (İstanbul/Turkey)



MGI Coutier Mak. Yedek Parça İmalat S. / Automotive Supplier (Bursa/Turkey)



Ford Otomobil Fabrikası / Automobile Manufacturer (Kocaeli/Turkey)



Coşkunöz Holding / Automotive Supplier (Bursa/Turkey)



Fontana Pietro Kalip Sanayi / Automotive Supplier (İstanbul/Turkey)



Metso Sweden AB



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THANK YOU