





İRFAN PLASTİK

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ABOUT US





ABOUT US

İrfan Plastik, founded in 1993 in Ikitelli Organized Industrial Zone to produce plastic injection molds and parts with the mission of being a side industry in automotive sector, is a global manufacturer with its production facility with 49 employees in its closed area of 2.500 m² and provides service mainly to automotive, white goods, aviation and tractor industries.

OUR SERVICES

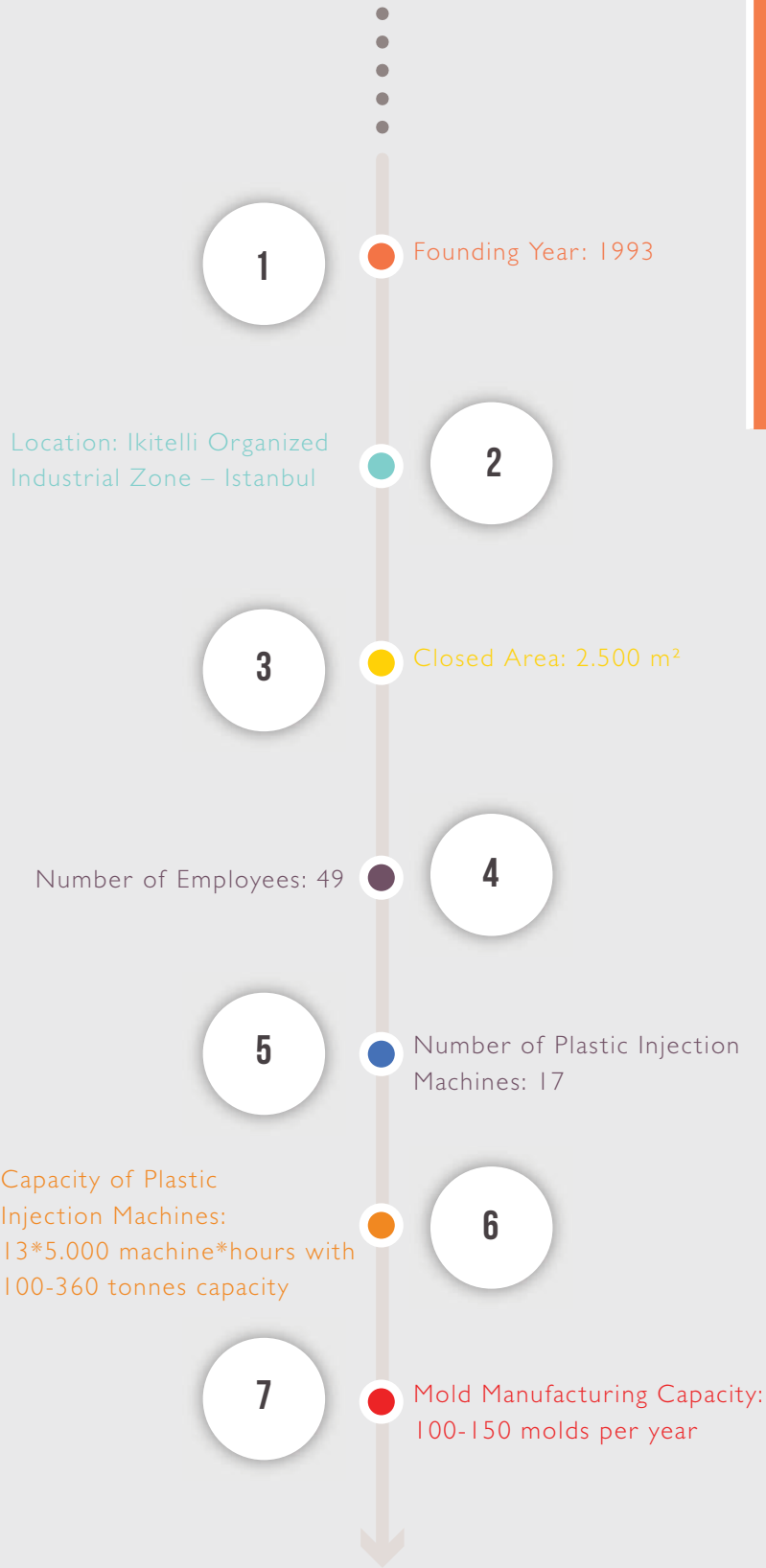
Production and assembly of plastic parts by 17 plastic injection machines with the clamping force of 100-360 tons.

Plastic injection, form, cutting and progressive mold design, production and also if required, trial of the produced molds in their plants.

The annual production of 30 million pieces of 500 kinds of parts with 450 tonnes of raw material usage and 85.000 machine*hour capacity.

In 2004, İrfan Plastik, defining quality as customer satisfaction, is certificated with ISO 9001:2000 Quality Management System to assure its current quality. Besides that, in 2007 by adopting ISO/TS 16949 Quality Management System which is generated for automotive industry, İrfan Plastik is certificated with ISO/TS 16949 Quality Management System in April 2008. Thus we met with our customers in the same quality system and obtained the chance to present more reliable products to them.

Our company which draws a constantly growing company profile and which is open to the innovations and global competition goes on working in various projects with leading companies in the sector.



COMPANY PROFILE





VISION

With integrating our experience and developing technology, being a qualified supplier in plastic mold and plastic part production in all the industries we serve.

MISSION

As a company of side industry in automotive sector, creating values for our country, our customers and our employees.





MANAGEMENT

We present our high-end solutions together with our know-how and experience. We are at your service as your reliable solution partner with our experts, engineers, masters and technicians working within our Departments of Molding Room, Production Planning, Project and Quality Assurance, Purchasing, Human Resources and Accounting.



MANAGEMENT







REFERENCES

We believe in the strength of our references.
With the brands we work with, we grow
more and more every day.



Mercedes-Benz



RENAULT
Passion for life



sinco

kiekert

**MAGNETI
MARELLI**

AL AUTOMOTIVE
LIGHTING

QUALITY POLICY

Our Quality Policy, determined by İRFAN PLASTİK Senior Management to show our sense of quality and objectives to our employers, customers and suppliers includes the following principles:

Applying ISO/TS 16949:2009 Quality Management System Basic Principles to all of our activities,

Ensuring customer satisfaction in a quality level that meets customer-demands,

Sustainable improvement of all the processes that effects the quality of our products and services with participation of our employers,

Ensuring motivation of our employers and supporting their personal development with continuous education,

Improving our productivity by working with our suppliers in mutual trust and cooperation,

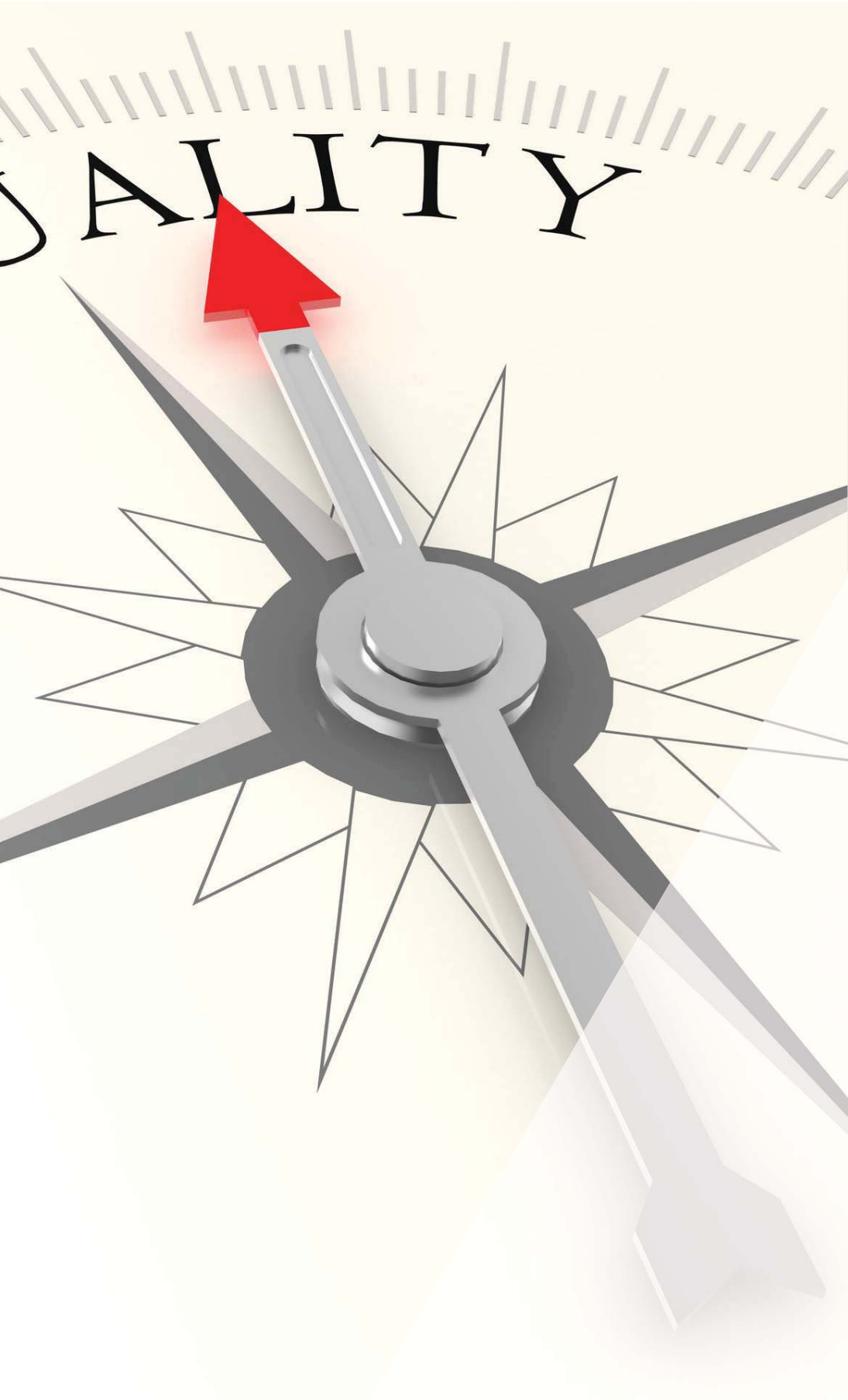
In the working area of plastic part and mold production, providing continuous customer satisfaction and becoming a demanded company in automotive side industry and in the sectors we serve by combining our knowledge and experience with developing technology.

Quality Certificates



QUALITY POLICY

QUALITY



ENVIRONMENT POLICY

Within the framework of our environment policy, we undertake to:

- Comply with applicable national and local legal and other requirements relating to the environment,
- Minimize the environmental impacts in all processes and to continuously improve our processes in this regard,
- Use natural resources efficiently and prevent environmental pollution by controlling our wastes,
- Increase the environmental sensitivity of our employees and all of our stakeholders,
- Identify and mitigate risks for environmental emergencies.

OCCUPATIONAL HEALTH AND SAFETY POLICY

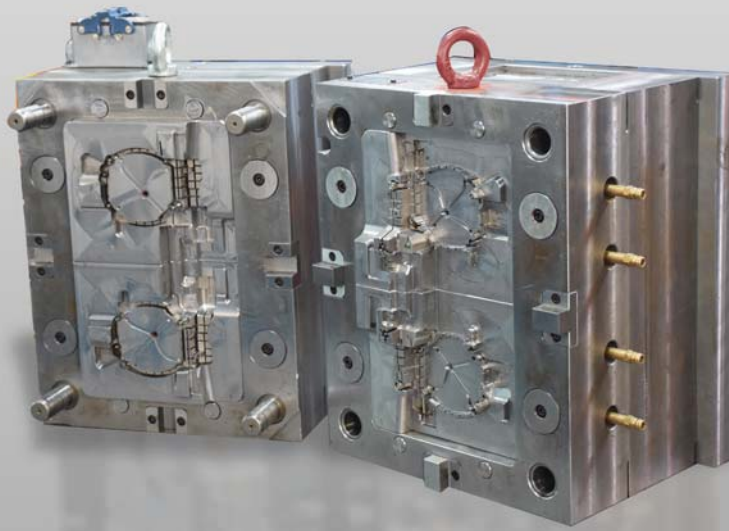
Occupational health and safety is a priority in our company's human rights respect. Our aim is to create a working environment with zero accidents and zero occupational disease values in a safe and healthy environment by fully taking the occupational health and safety precautions that are in line with the Labor Law and current OHS norms.

OHS educations and preventive maintenance are the indispensable value of our OHS policy.

ENVIRONMENT AND OCCUPATIONAL HEALTH POLICY







PRODUCTION AND TECHNOLOGY



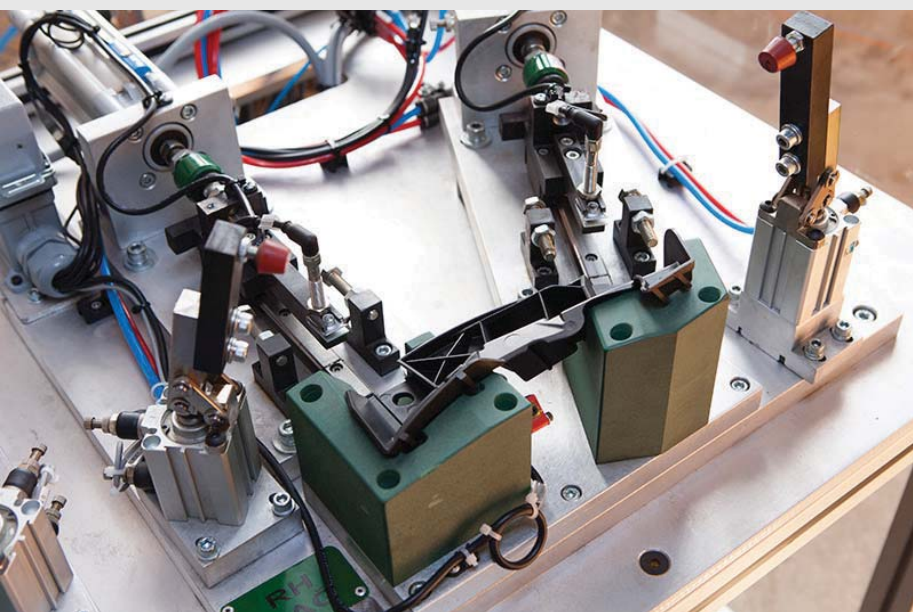
MOLD MANUFACTURING

DESIGN AND R&D DEPARTMENT

PLASTIC INJECTION

QUALITY CONTROL & LABORATORY

ASSEMBLING



MOLD MANUFACTURING

PRODUCTION

With its high hardware, in Irfan Plastic Molding Room, plastic injection molds, progressive molds, cutting molds and form molds are produced.

Since 1993, many localization projects have been carried out by designing and manufacturing moulds of 100-3.500 kg tonnage.

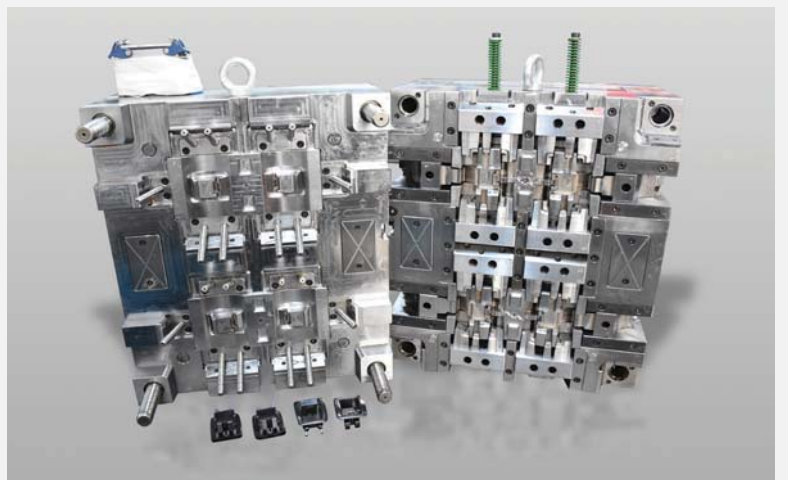
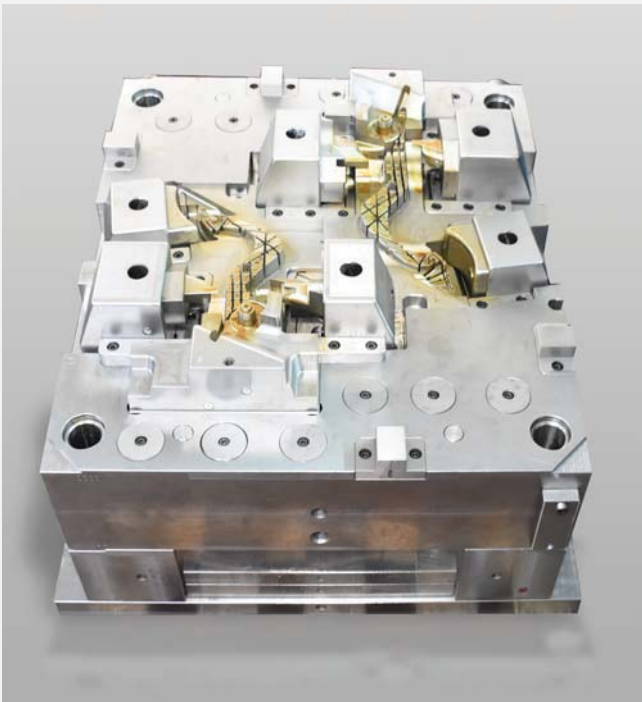
Molding Room Machinery List

CNC MACHINES

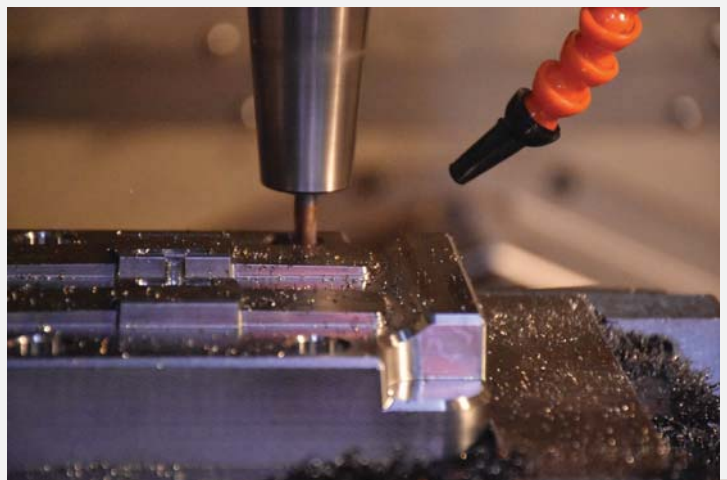
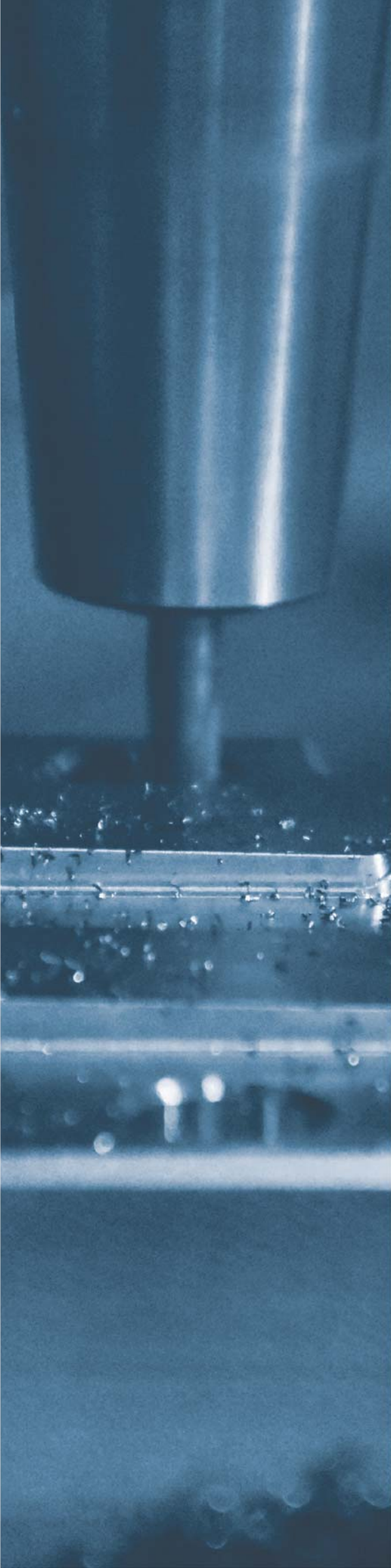
Machine	Brand	Max Part Dimensions (mm)	Machine Axis
CNC	Makino F5	1000x 500x450	3 Axis
CNC	Makino F5	1000x 500x450	3 Axis
CNC	DAHLIH 1020BA	1020x 560x540	4 Axis
CNC	YCM XV-560A	1020x540x520	3 Axis

EDM MACHINES

Machine	Brand	Max Part Dimensions (mm)	Machine Axis
CNC Spark EDM	Neu-Ar	500x500	3 Axis
Spark EDM Machine	Best PNC 3000S	850x540x480	
Spark EDM Machine	Best 3000	300x500	
Wire EDM Machine	Chamiles Robofil 290	850x500x200	3 Axis
Wire EDM Machine	Chamiles Robofil 310	850x500x400	4 Axis
Wire EDM Machine	Chamiles Robofil 440	1200x700x400	4 Axis
Wire EDM Machine	Accutex au-600i	990x620x295	2 Axis







DESIGN AND R&D DEPARTMENT

Irfan Plastic always follows new projects to increase diversity of its products, accordingly designs molds and parts by using different computer programs (VX, CATIA, SOLIDWORKS, POWERMILL, AUTO DESK MOLDFLOW)

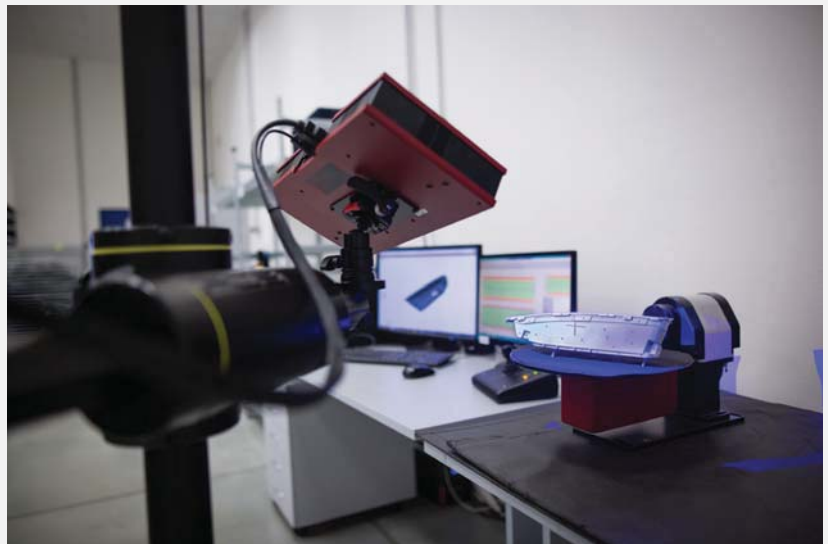
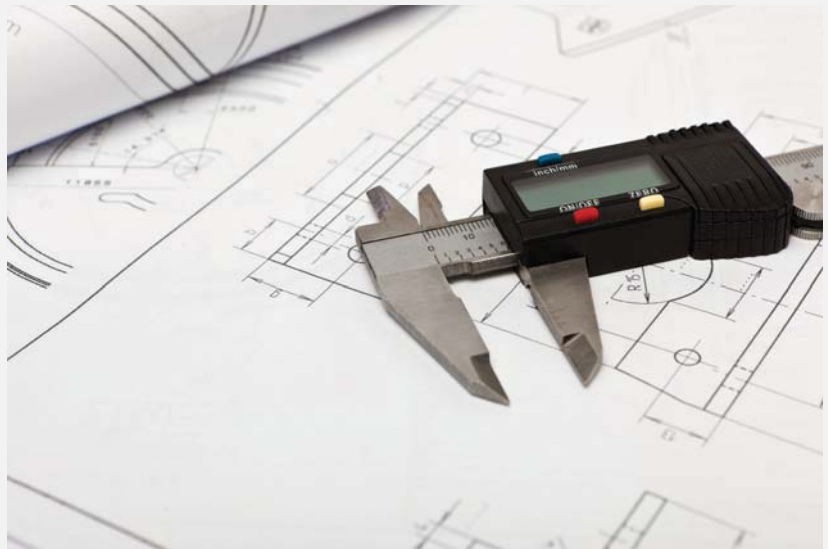
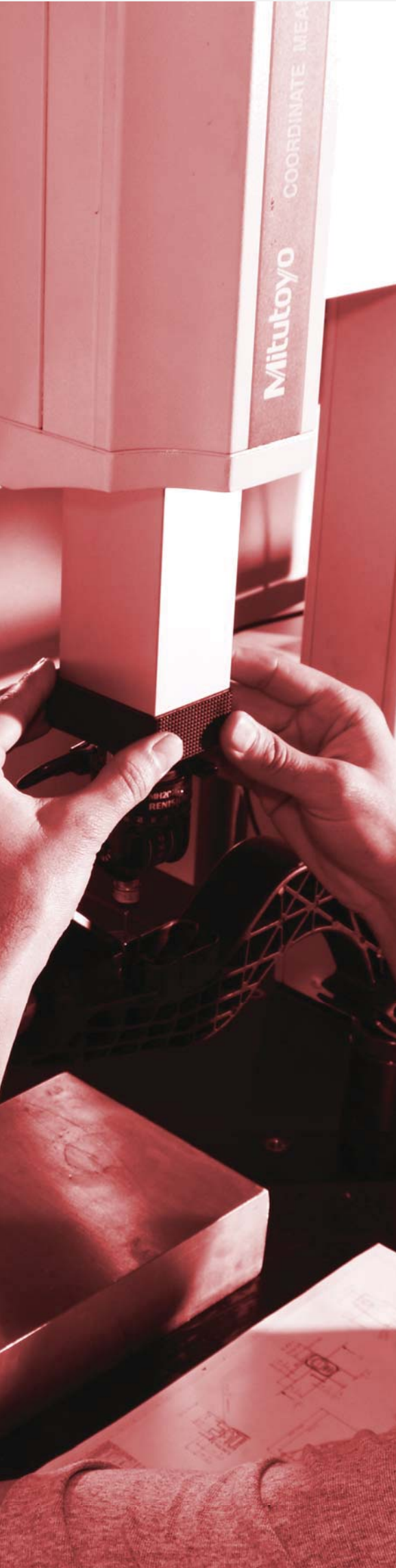
Except the molds which are used in our production department, mold and part designs are also made for different companies in the sector.

The following services are provided in our R&D Department:

- Mold Design
- Part Design
- Prototype Design
- Engineering Analysis

 **SOLIDWORKS**





PLASTIC INJECTION

PRODUCTION

In our production department, there are 17 plastic injection machines equipped with high technology in the range of 100-360 tonnage.

In our production department, we can work with all kinds of engineering materials and able to produce more than 2.500.000 parts per month.

Plastic Injection Machines

Brand	Model	Clamping Force (tons)	Material Injection Capacity (gr)	Plate Dimensions (mmxmm)
BOLE	BL90EK	90	169	590 x 540
NURMAK-2	STM-01	100	150	450 x 500
PEKCAN	KELEBEK	140	250	570 x 570
TSP MAKİNA	X SERİSİ	120	193	620 x 620
ÖZBEN-1	150x85	100	150	520 x 520
HAITAN-250	HTF250X	250	500	816 x 820
HAITAN-360	HTF360X	360	800	1000 x 1000
NURMAK-3	STM-01	100	150	450 x 500
JON-WAI-150	150 SD	150	300	700 x 700
ARBURG-1	420C GOLDEN	100	150	570 x 570
ARBURG-2	420 GOLDEN	100	150	570 x 570
ÖZBEN-2	400x225	250	400	680 x 680
JON-WAI-250	250 SD	250	500	870 x 870
ENGEL	VICTORY 500/120	120	200	740 x 680
ARBURG-3	420C GOLDEN	100	150	570 x 570
HAITIAN-320	MARS 2	320	845	990 x 990
HAITIAN-250 (2)	MARS 2	250	519	580 x 580





QUALITY CONTROL AND LABORATORY

In our company, we produce more than 350 kinds of products. For each of them, Operation and Control Card, Control Plan and Initial Production Approval Forms are prepared. Products are regularly checked by control frequencies and measuring devices which are determined according to critical characteristics of the products.

Laboratory Equipment List

EQUIPMENT	BRAND
Profile Spotlight	Mitutoyo
Marking Gauge	SCTP
CMM	Mitutoyo
Hygrometer	Precisa
Cutting Device (50 kg)	Proxxon
Dinamometer (250 N=25 kg)	NK 300
Stereo Zoom Microscope	SOIF SZM45-B2
Shoremeter	INSIZE
3D Measuring Device	Scan In Box

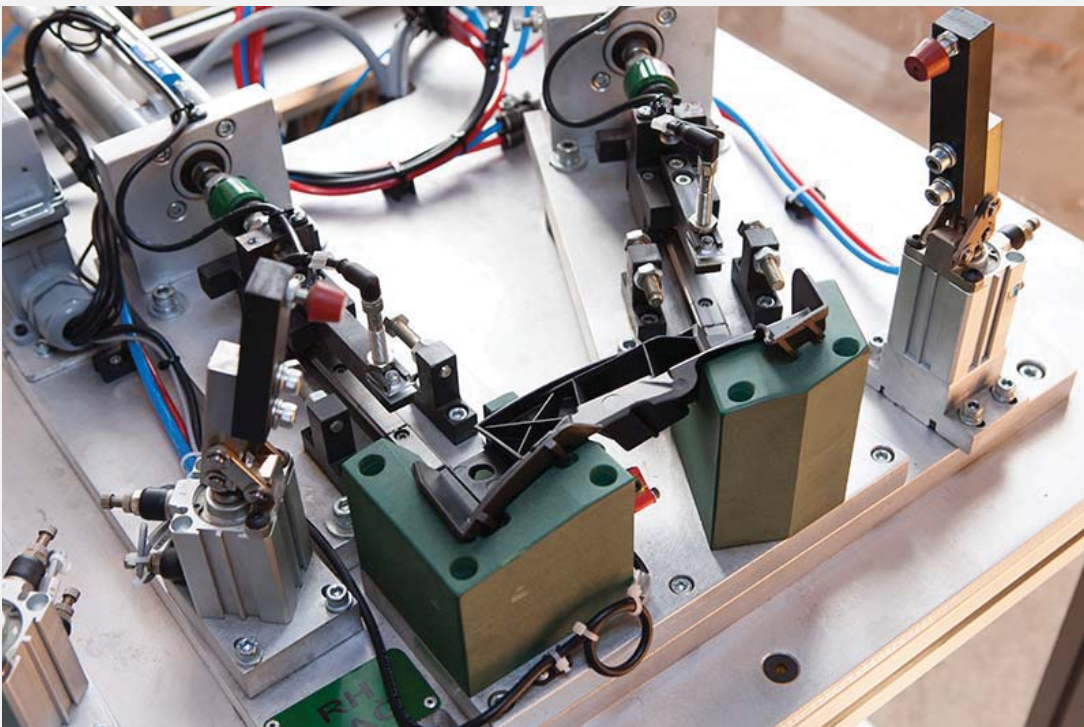


ASSEMBLING

Depending on projects and customer demand, assembly of the products are made within our facility.

Assembly Equipment List

NO	MACHINE
1	Fog Lights Automatic Assembly Bench
2	Terminal Crimping Press
3	Terminal Crimping Press
4	Terminal Crimping Press
5	Audi Fog Adjustment Screw Assembly Bench
6	Audi Fog Adjustment Screw Assembly Bench
7	Mini Cooper R50 Ayar Vidası Assembly Bench
8	D263 Headlamp Kit Assembly Counter
9	356 HB Bumper Support Assembly Bench
10	Alfa 949 RL Assembly Bench
11	356 HB Headlamp Kit Assembly Counter





PRODUCTS



AUTOMOTIVE



WHITE GOODS

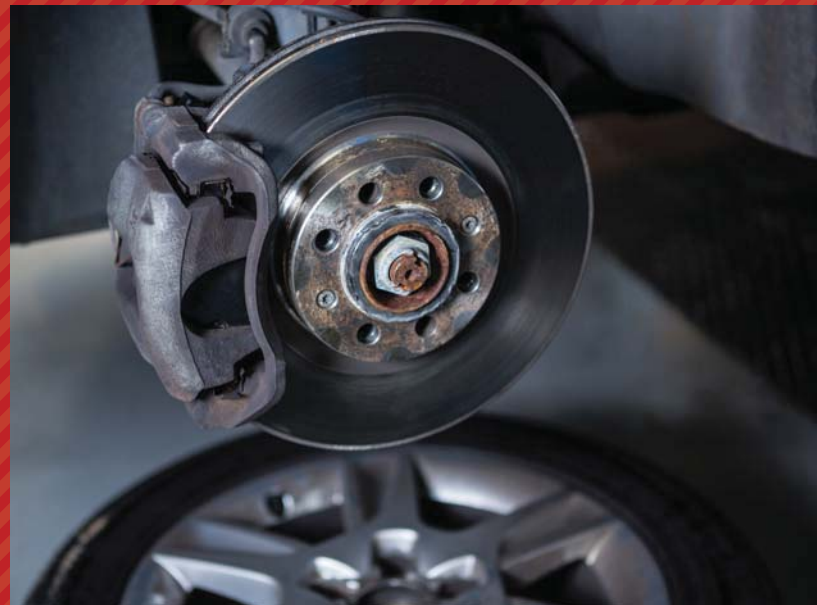


AVIATION

TRACTOR



AUTOMOTIVE



LIGHTING GROUP

BRAKE PEDAL SYSTEMS

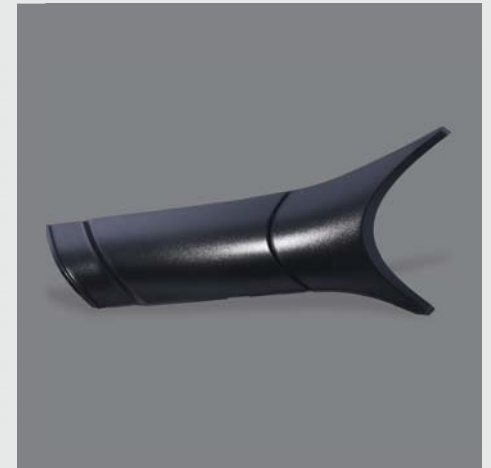
VENTILATION SYSTEM PARTS





LIGHTING GROUP







BRAKE PEDAL SYSTEMS

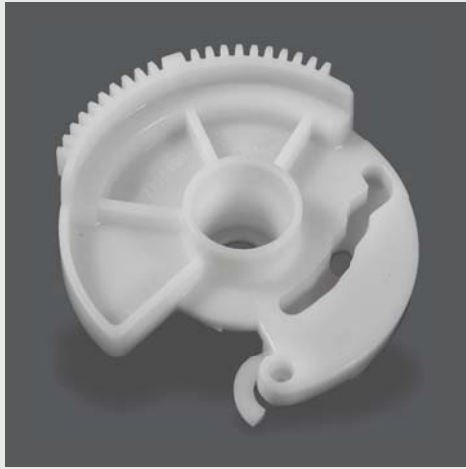






VENTILATION SYSTEM PARTS

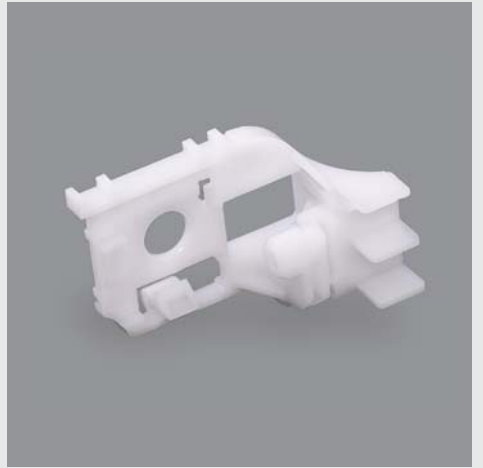
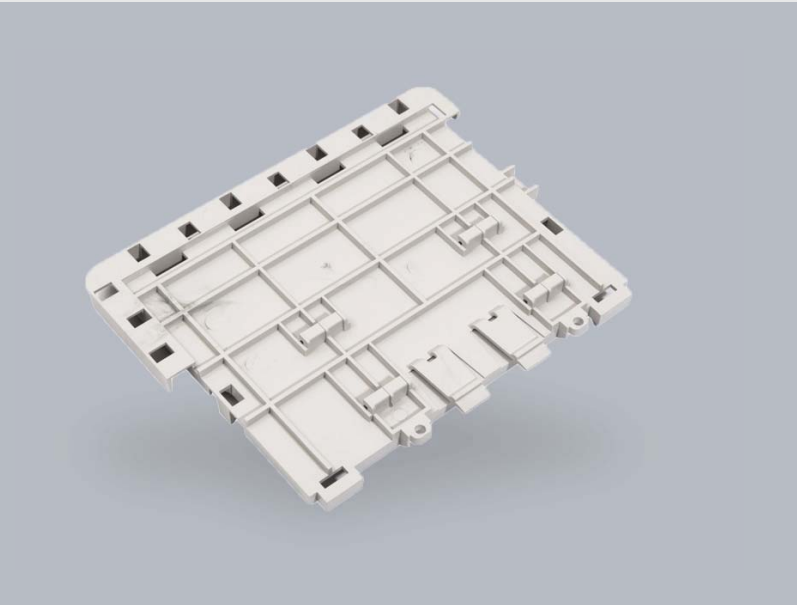
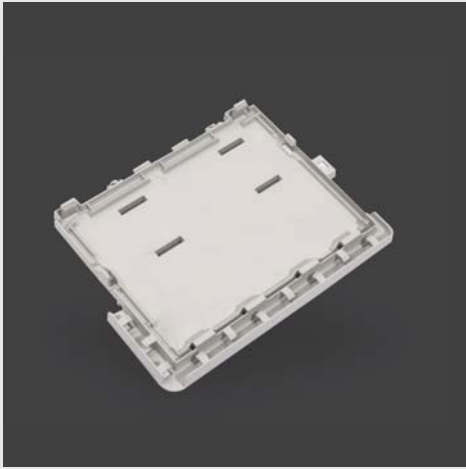






WHITE GOODS







AVIATION







TRACTOR



**TURKISH
TECHNIC**
Atatürk International Airport, Gate B
34149 Yeşilyurt-İSTANBUL / TURKEY
www.turkishtechnic.com

Certificate of Approval

(Reference number : PO-SUB-09)

Awarded to

İrfan Plastik ve Kalıp San. ve Tic. A.Ş.

located in

İkitelli Organize Sanayi Bölgesi Demirciler San. Sitesi
F-1 Blok No:445 İkitelli/Şile/İstanbul
TÜRKİYE

On behalf of TURKISH AIRLINES TECHNİK INC., I certify herewith that the quality management system of above specified company was assessed and found to be in compliance with TURKISH AIRLINES TECHNİK INC.'s quality procedures and was approved as a subcontractor in accordance with requirements given in POE Ch. 2.2 and POPM 2.2 for accomplishment of the production activities detailed below:

**PLASTIC INJECTION
AND
MACHINING**

See Approval Schedule for further details.

Subject to the continued satisfactory operation of the subcontractor's quality management system, this Authorisation Form, unless cancelled, suspended or revoked, shall continue in effect until **31.01.2019**.


Ömer DÖLEK
Quality Manager

Date of Issue : 31.01.2018

Issue Date : 10/01/2014 Form No : FOPM 2.2/01



Certificate of Registration

This certificate has been awarded to

İRIFAN PLASTİK VE KALIP SANAYİ VE TİCARET ANONİM ŞİRKETİ
İkitelli OSB., Demirciler San., Sit. F-1 No: 445 Küçükçekmece İstanbul, Turkey

in recognition of the organization's Quality Management System which complies with

IATF 16949:2016

The scope of activities covered by this certificate is defined below

Manufacture of Injected Plastic Parts (Excludes Product Design under Clause 8.3)

Certificate Number: 28028/C/0001/SMEn	Date of Issue of Certification Cycle: 07 February 2018	Issue No: 1	Expiry Date: 06 February 2021	IATF No: 0289271
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Issued by:  On behalf of the Schemes Manager

There is no stamp or the authority, whose members are not trained in order to control the third party (the Client) certification. URS is a member of Global Register of External Providers (G.R.E.P.) - Turkey, India, Saudi, North Kazakhstan, USA, USA, UK, Germany, Registration No: 102808

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CERTIFICATES



İRFAN PLASTİK

İrfan Plastik ve Kalıp San. Ve Tic. A.Ş.

İkitelli Organize San. Bölgesi Demirciler San. Sitesi

F-1 Blok No:445 İkitelli-Başakşehir / İstanbul

+90 (0212) 671 08 78-79

+90 (0212) 671 08 69

info@irfanplastik.com.tr

www.irfanplastik.com.tr