



UCCEL®

RUBBER TO METAL EXPERT
KAUÇUK & METAL UZMANI

YOUR RUBBER TO METAL PARTS SOLUTION PARTNER

WWW.UCELLRUBBER.COM

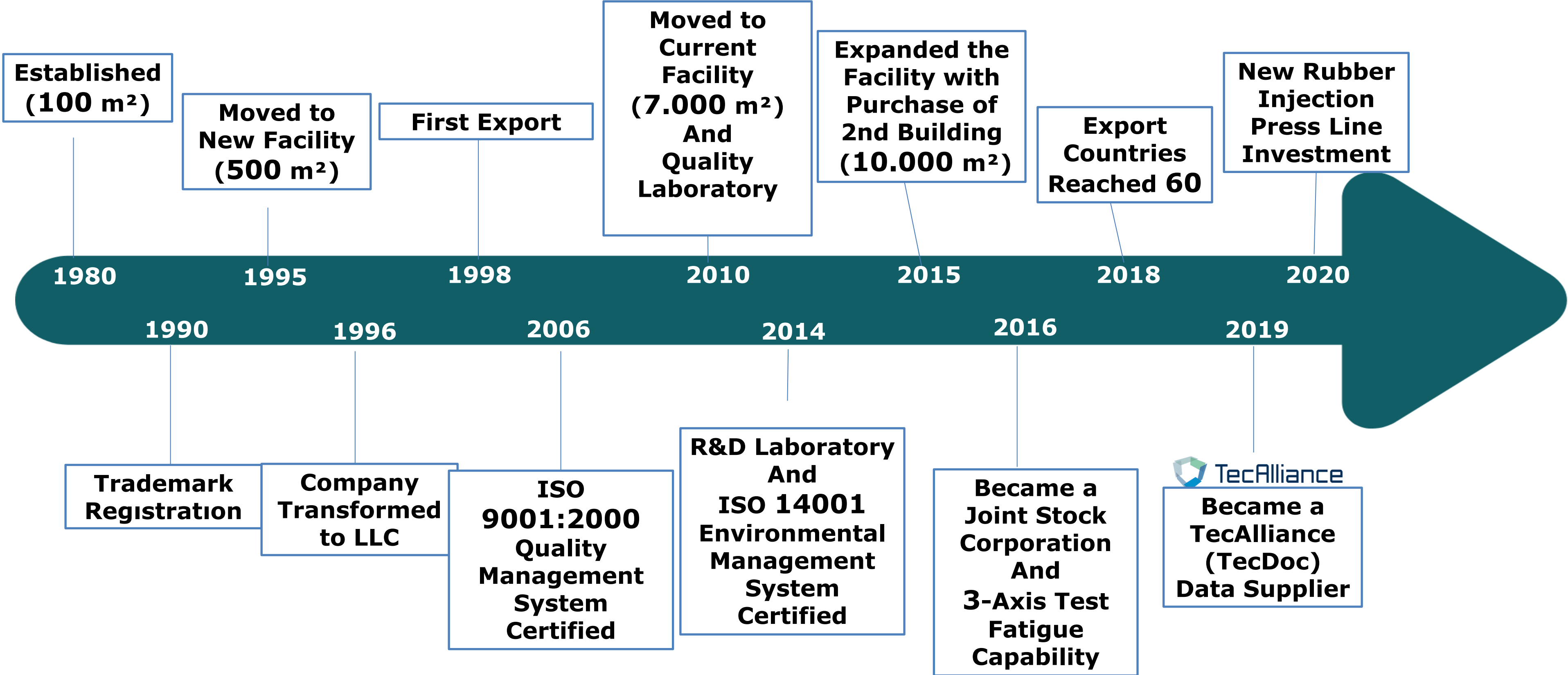




OUR STORY

Established in 1980 in the heart of Turkish automotive sector; Bursa.
Managed to be known as equivalent to OE parts in the domestic market for years with its quality orientated philosophy and dedicated staff,
Focusing on OEM activities with inhouse R&D department and developing testing facilities.

ÜÇEL HISTORY



10.000 m² indoor area

60 countries

3600+ product references

4 continents

**40 years of producer
experience**

160 employees

**18.000+ passenger cars & LCV model
applications**

Our mission

Contribute to the satisfaction of the global demand with safe and high-quality auto parts.

Our vision

To become the strategic partner of our key customers to develop the category together

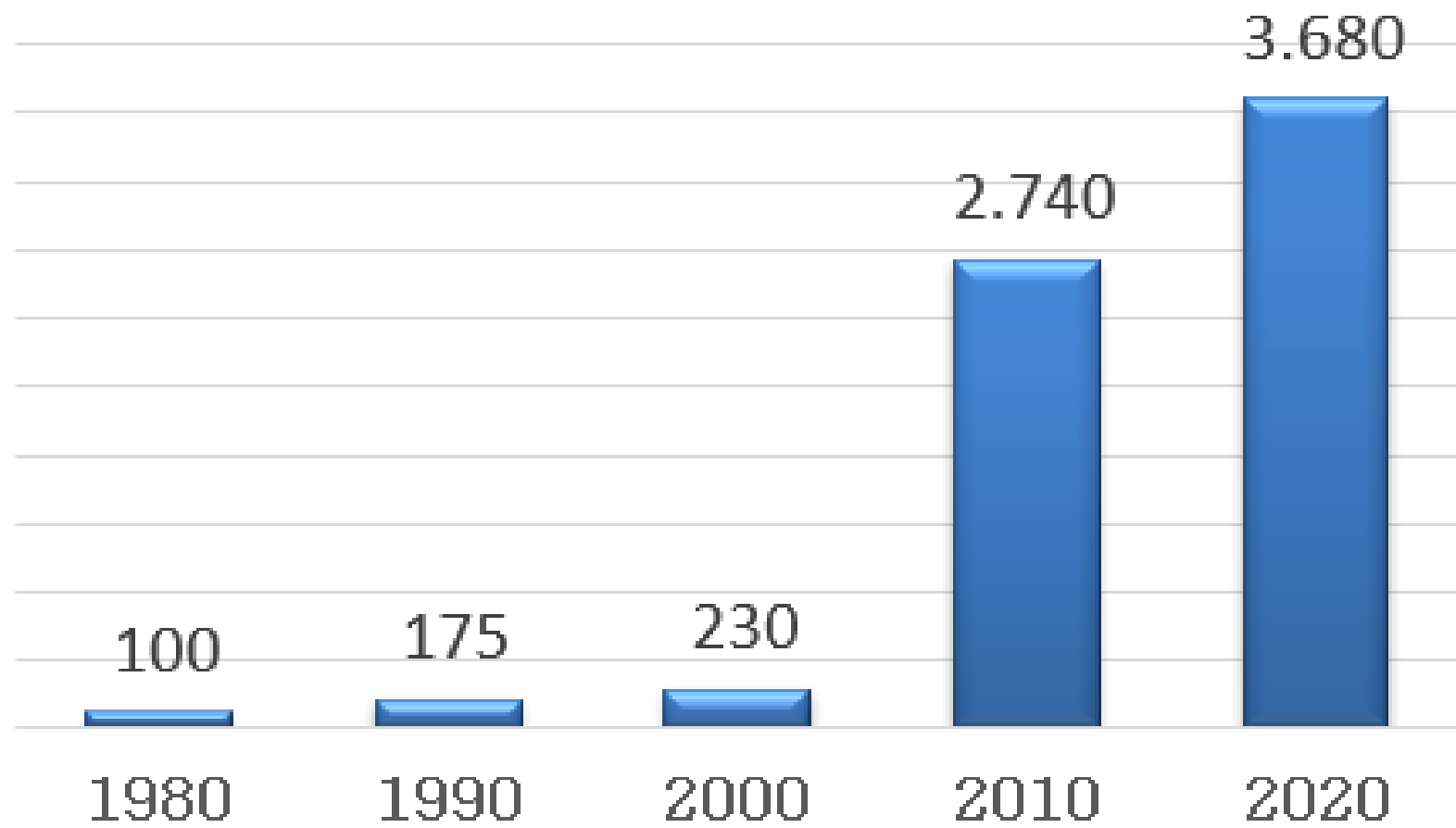
Mastering manufacturing Unrivalled product offer Outstanding business support

we offer a complete and robust program based on these three pillars.

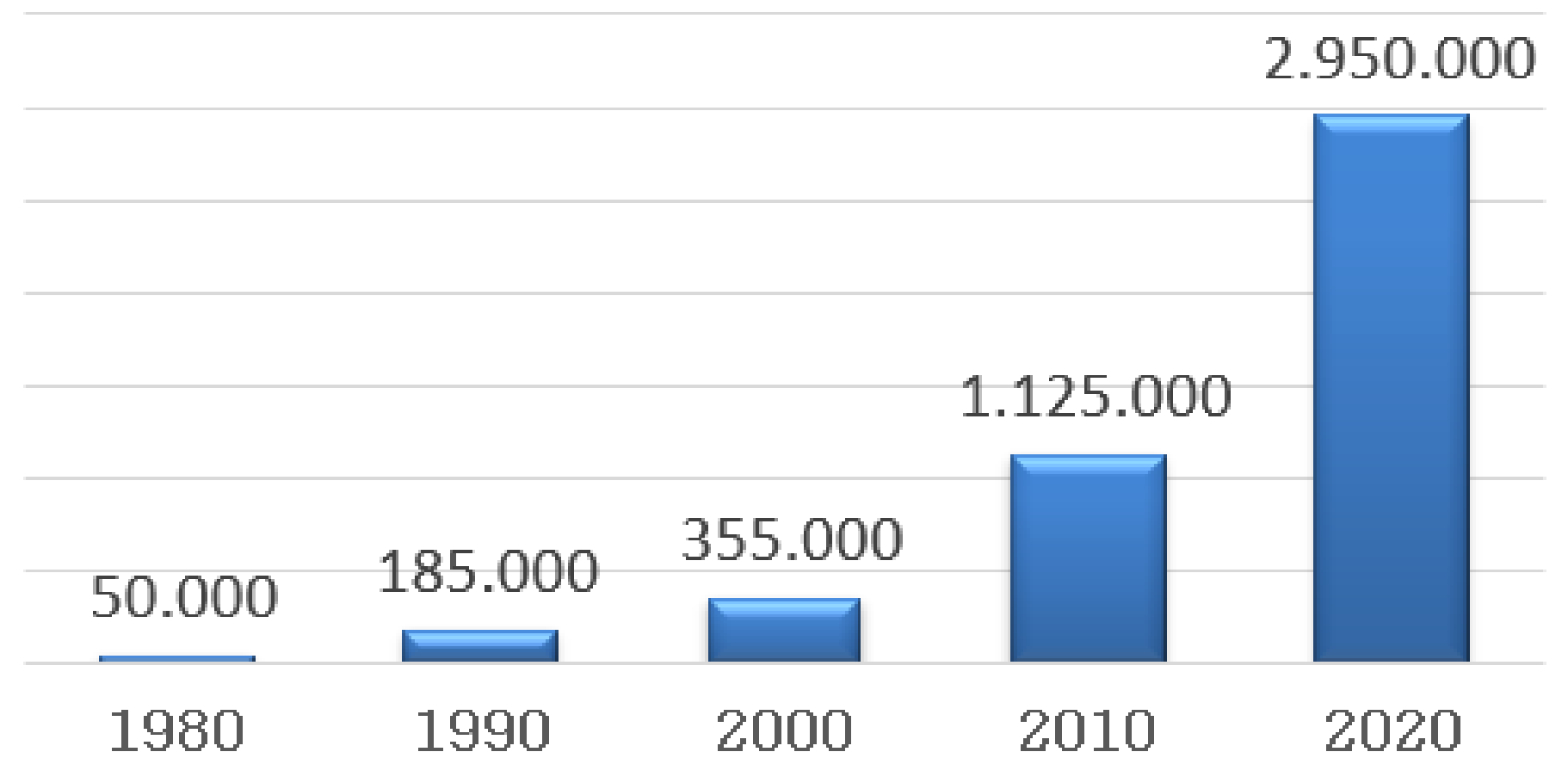
1980-2020 PART & REFERENCE QTY DEVELOPMENT



**Number of references
from 1980 to 2020**



**Parts production
from 1980 to 2020**



- What we have already:

- 24 Rubber presses
- 10 Metal stampers
- 2 Aluminium injection moulders
- 2 Plastic injection moulders
- OE standards and testings
- Premium selected raw materials



- What comes next :

- OE approvals

Renault, Dacia, Nissan, Fiat, Citroen, Peugeot, VW,
Audi, Ford, Opel

Mounts & supports



- Engine Mounts
- Hydraulic Engine Mounts
- Gearbox Mounts
- Strut Mounts
- Torsion Supports
- Exhaust Supports

Bellows & boots



- C.V. Boots
- Wheel Bellows
- Clutch Bellows
- Shock Absorber Dust Bellows
- Air Filter Bellows

Hoses



- Radiator Hoses
- Turbo Hoses
- Fuel Hoses
- Respiration Hoses
- Heater Inlet Hoses
- Oil Hoses
- Air Filter Hoses

Bushings



- Wishbone Silent Blocks
- Torsion Silent Blocks
- Engine Cradle Bushings
- Spring Bushings

Crankshaft pulleys



Other solutions



- Expansion Tanks
- Rubber Pedals
- Stabilizer bar rubbers

- Full coverage on Renault, Dacia, Fiat
- Basic coverage on PSA, Ford, VW

• What we have already:

- No MOQ
- Lead times in line with customers' needs
- Catalogs, Xrefs and support material



• What comes next :

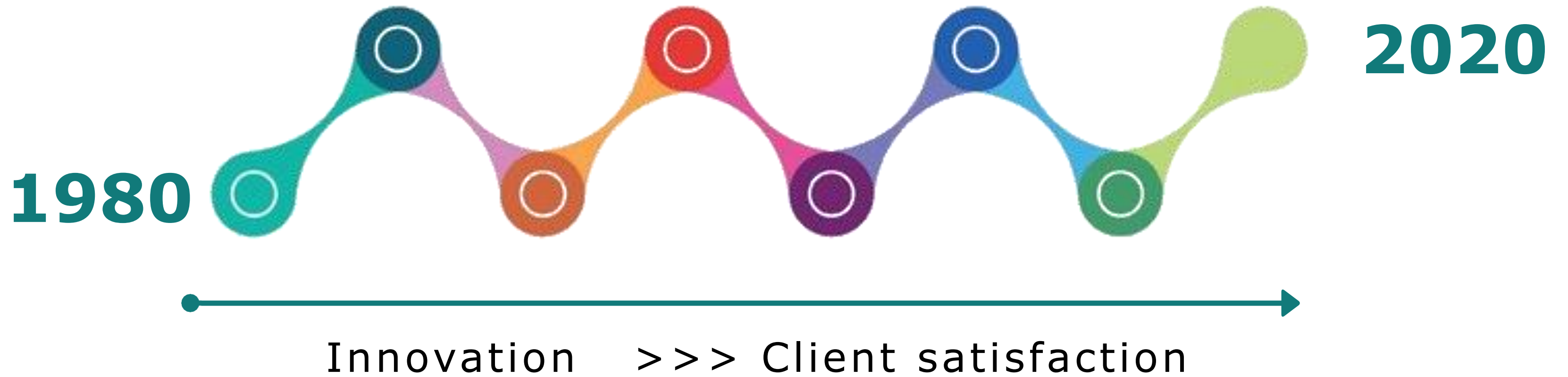
- Technical training
- Communication tools
- Installer focused tools

Extensive Market Knowledge

- ❑ Market research and analysis
- ❑ Deep knowledge and coverage of the local and international car park



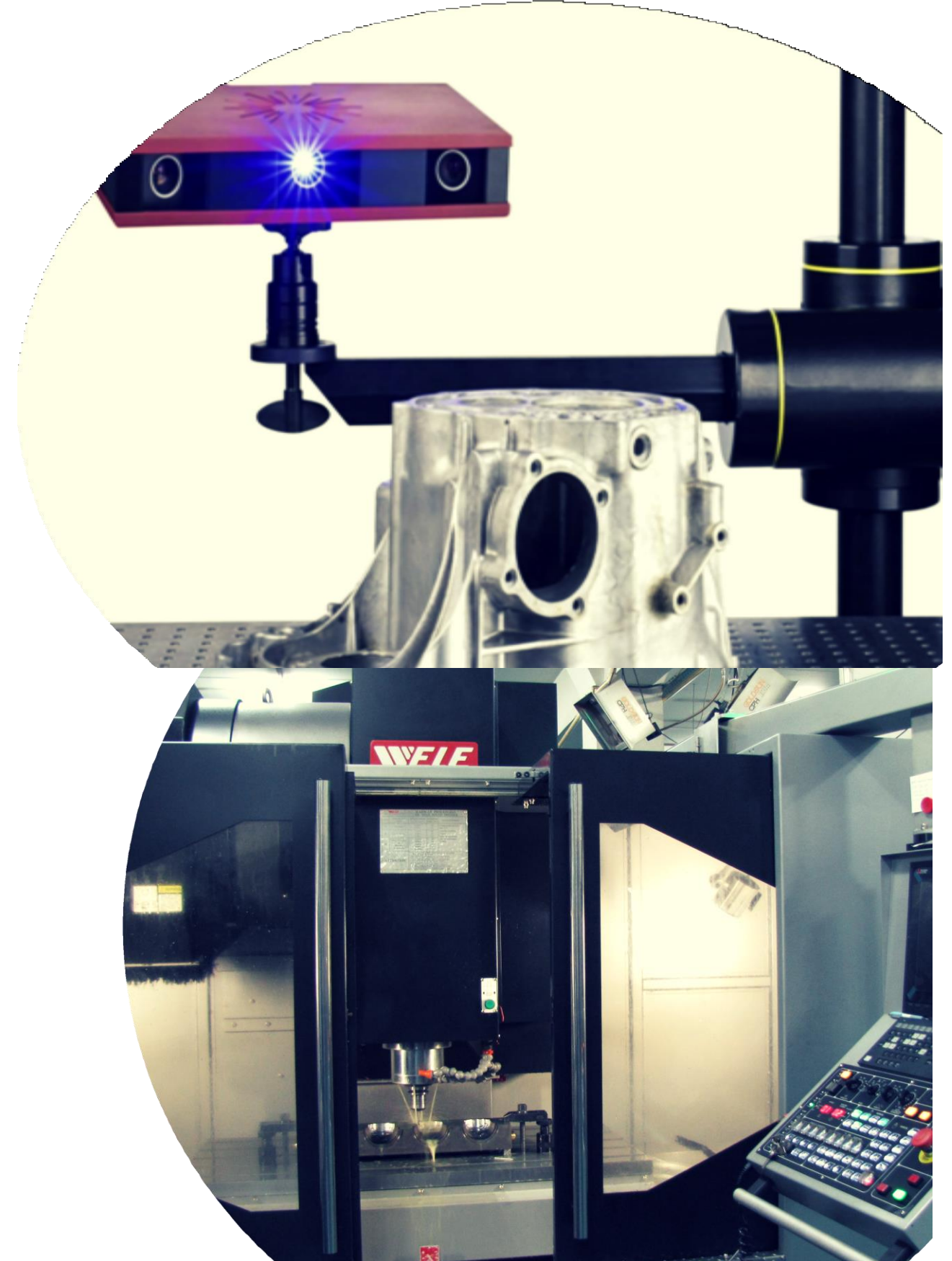
Manufacturing Know-How



High Tech Tools

- From **Reverse engineering** to the **CNC machining** and the analysis and simulation,
- Software and hardware **3D scanning** technology

Automated ATOS 3D metrology. In the standardized measuring machine ATOS ScanBox, ATOS Triple Scan is used for fully automated measuring and inspection of parts.



High Tech Tools

- Computer aided design (CAD)
- Computer aided manufacturing (CAM): Electro discharge machining (EDM) - CNC machining

CATIA, world wide used software for design & modelling

ANSYS, powerful tool for simulation & analysis



Tensile strength

Measuring how much bending and shaping our raw materials can withstand before breaking or being deformed



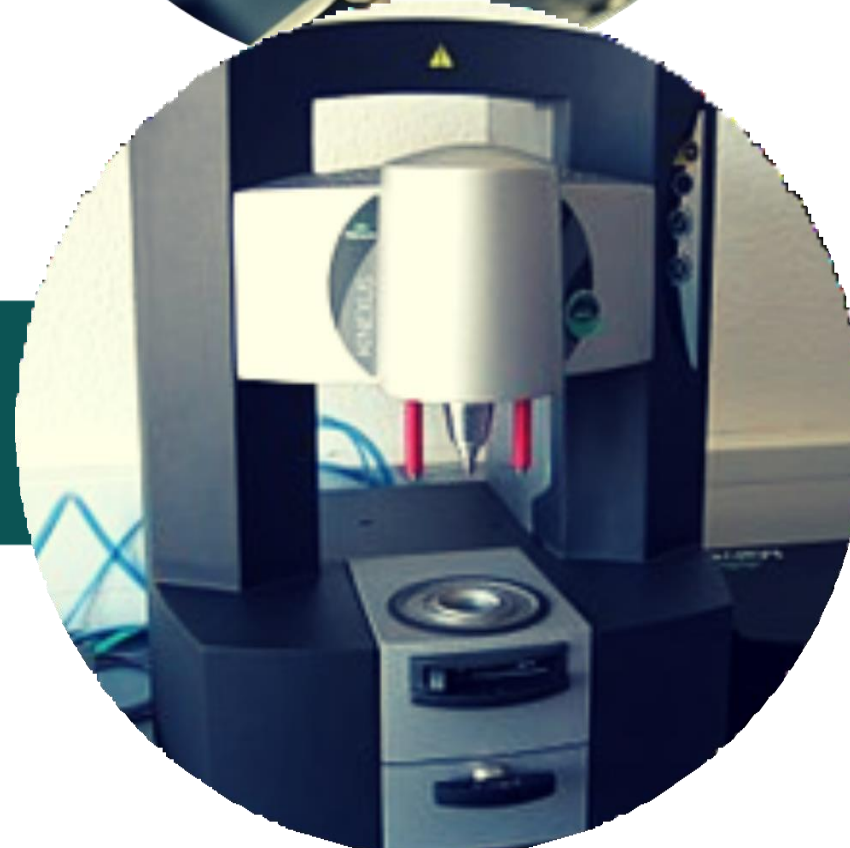
Fatigue tests

Putting the car part through a round of cycles that simulate the road application of the part to specify the capacity of the part and the load it can withstand through a certain number of cycles



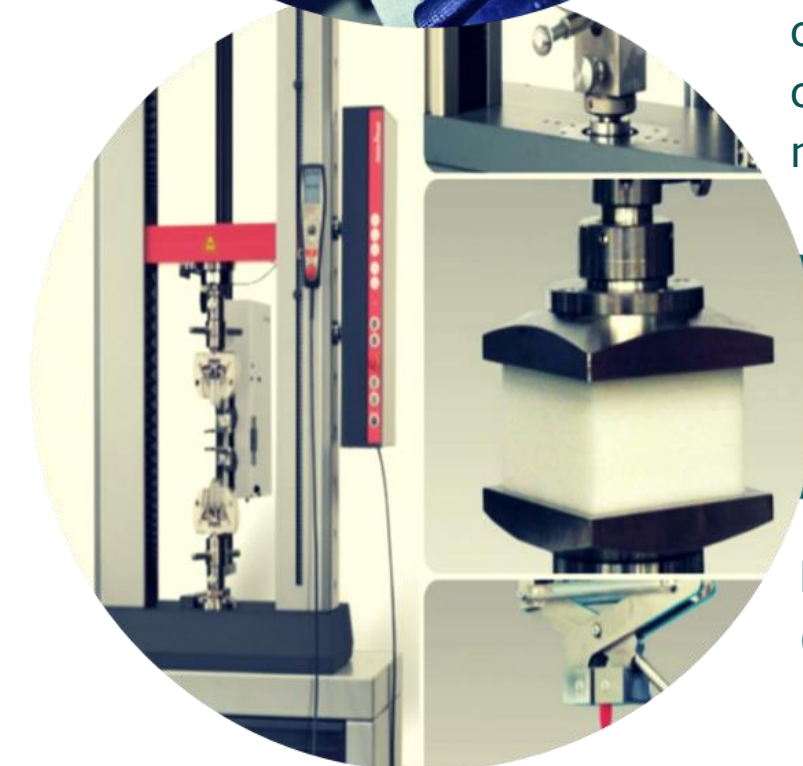
Rheometric tests

Measuring the response of the rubber to applied forces before, during and after the curing of the rubber



Load & force test

Blast load test of rubber parts (bushings)



Coating & thickness test

Ensuring the quality of the coating systems chosen to protect out metal parts



Crankshaft fatigue test

Crankshafts have a basic role in the performance of different systems of the car. We put our crankshafts through a the fatigue test applying measured force and a specified number of cycles to assess the performance of the crankshaft

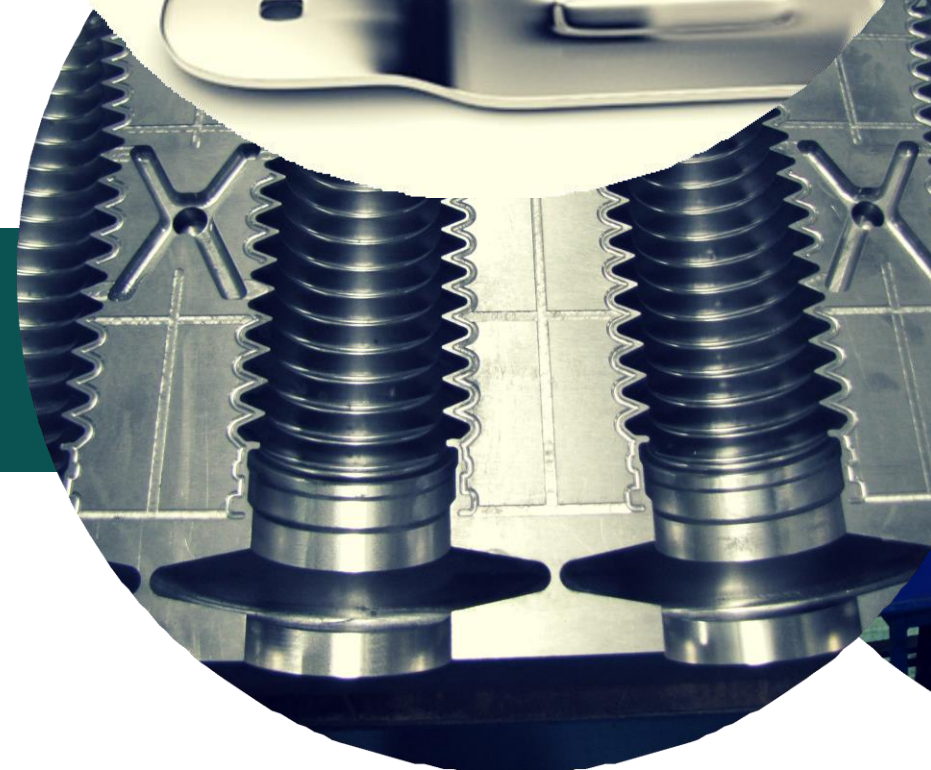
**Sheet metal
stamping**



CNC Machining



Tooling



Vulcanization



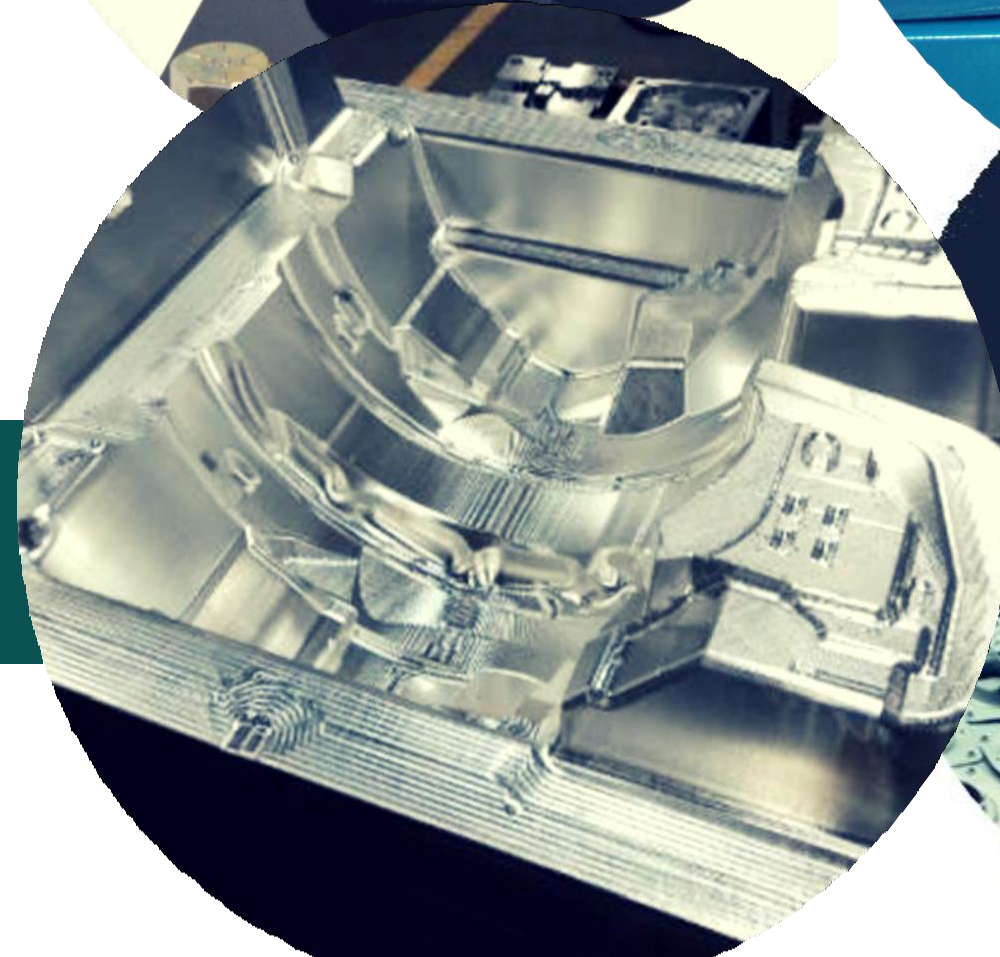
Assembly



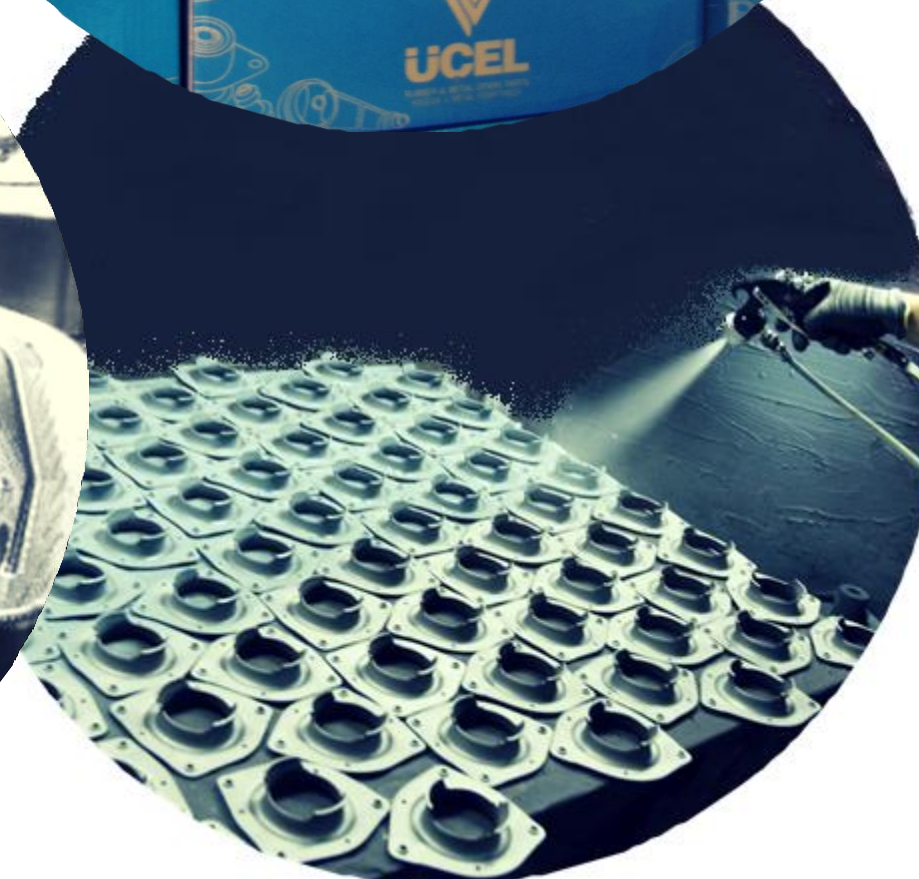
Marking & Packaging



**Aluminium
moulding**



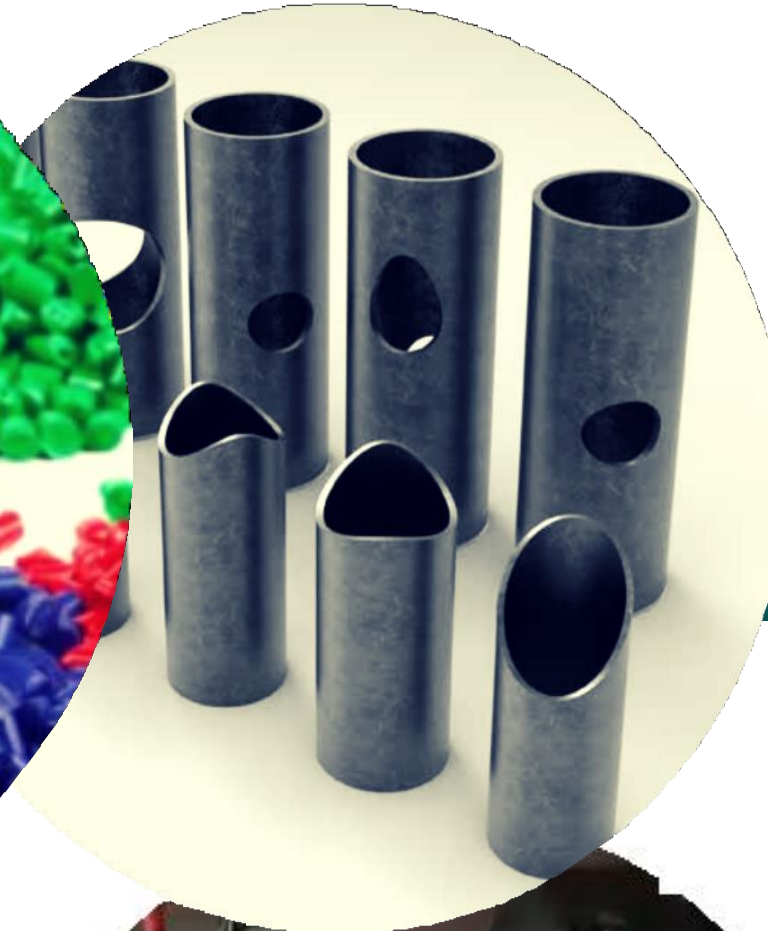
Coating



**Plastic injection
moulding**



Pipe cutting



Sheet cutting



Sand blasting



- **ISO 9001: 2015**
QUALITY MANAGEMENT
SYSTEM CERTIFICATE

- **ISO 14001: 2015**
ENVIRONMENTAL MANAGEMENT
SYSTEM CERTIFICATE



- TEC DOC DATA PROVIDER
- ALDOC DATA PROVIDER



Elongation

Elasticity and hardness measurement of rubber and metal material



Thermal sagging

Applying force on rubber under a certain degree to measure the deformation of the material after a specified amount of time



Density measurement

One of our many tests to assure the quality of raw material



Hardness test

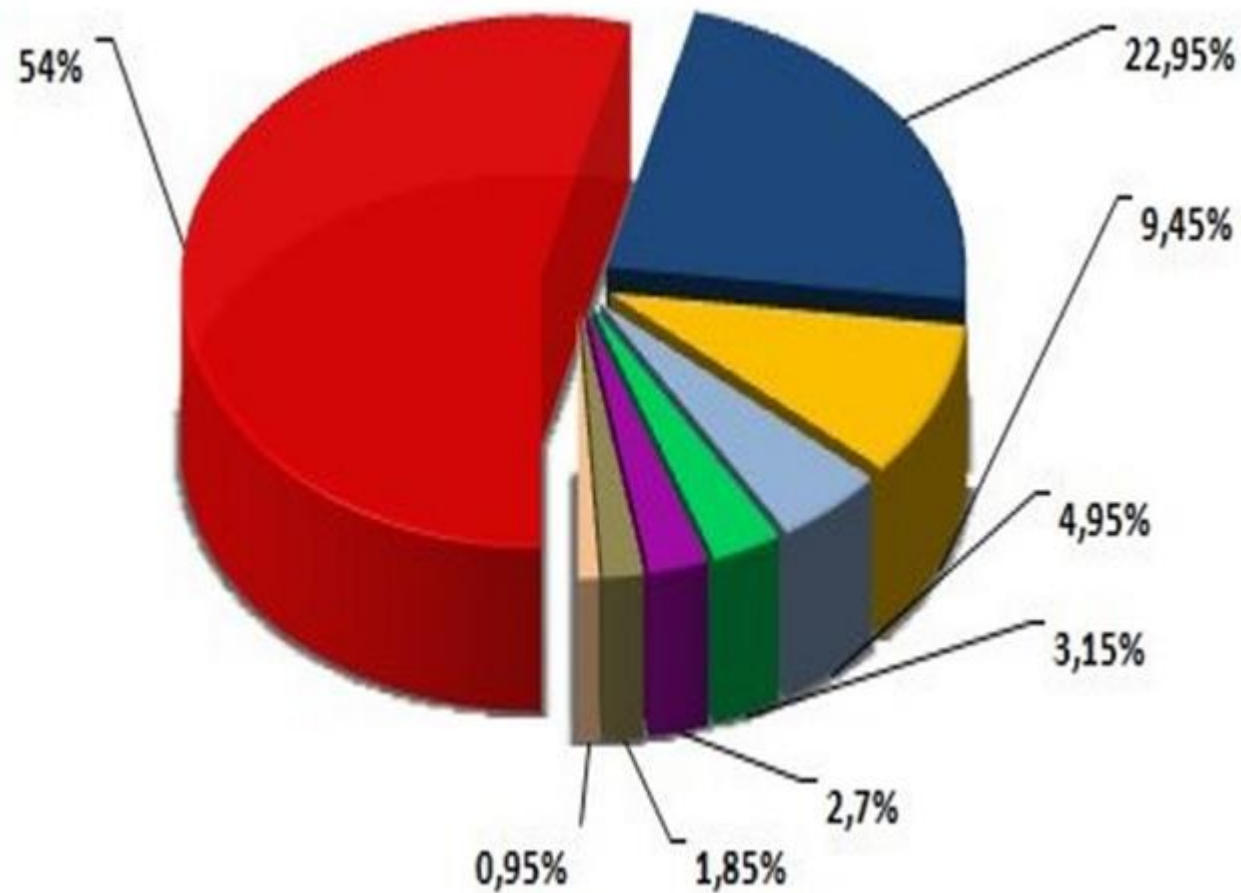
The hardness of metal products and material is measured by applying permanent force on the part or the material to assure the necessary quality level for the market



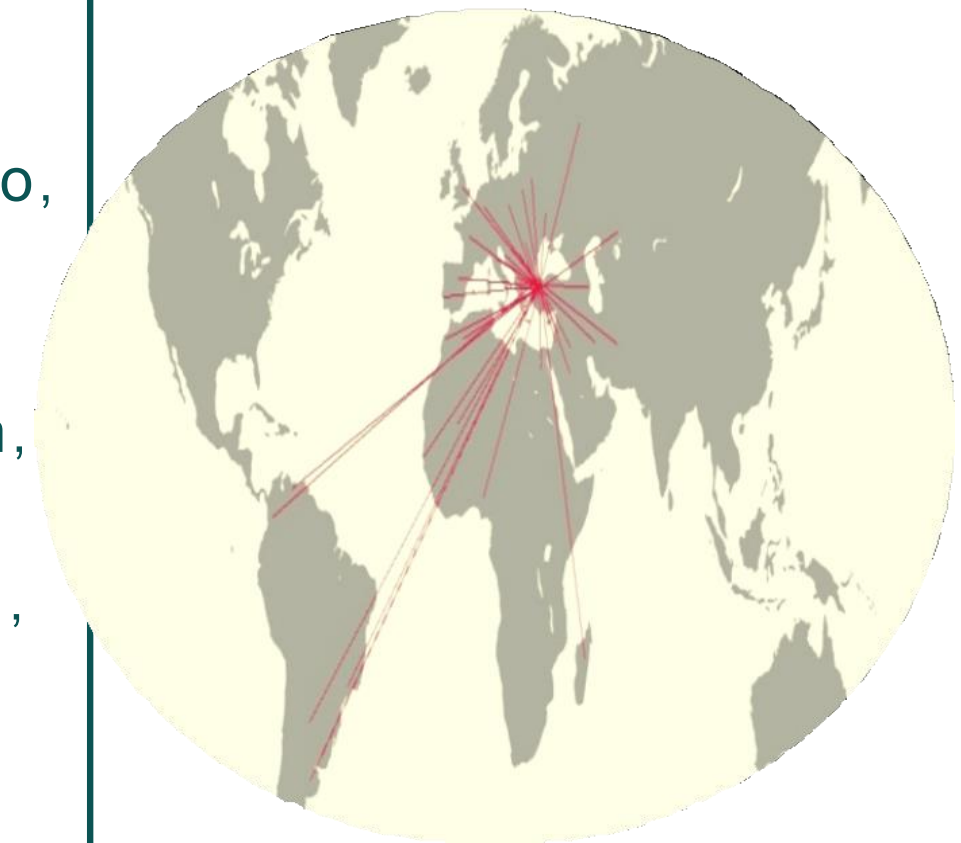
Leader in the domestic market with a strong international presence

Turkish Market Western Europe North Africa Eastern Europe

South America Middle east Rest of Africa Central Asia



West Europe: France, Germany, Italy, Spain, Portugal,
East Europe: Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Cyprus, Greece, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovenia, Ukraine
South America: Argentina, Brazil, Colombia, Chile, Paraguay, Uruguay, Peru, Venezuela
Middle East: Egypt, Iraq, Iran, Israel, Jordan, Lebanon, Palestine, Syria
North Africa: Algeria, Morocco, Tunisia.
Rest of Africa: Madagascar, Mali, Nigeria, Senegal
Central Asia: Azerbaijan, Kazakhstan



Major Exhibitions in 4 Continents

automechanika

FRANKFURT
ISTANBUL
BUENOS AIRES

EQUIP AUTO

PARIS
ALGERIA

AUTOMECA
14ª FEIRA INTERNACIONAL DE AUTOPEÇAS, EQUIPAMENTOS E SERVIÇOS

SAO PAULO / BRASIL



We invest in team building because we believe **people** are **the most valuable resource** we have.





2016 YILI ÇİZGİ ÜSTÜ
SEKTÖREL PERFORMANS DEĞERLENDİRME ÖDÜLLERİ



2019 YILI ÇİZGİ ÜSTÜ
SEKTÖREL PERFORMANS DEĞERLENDİRME ÖDÜLLERİ

SEKTÖR ÖDÜLLERİ

TAŞIT ARAÇLARI VE YAN SANAYİ SEKTÖRÜ	KOBİ	ÜÇ-EL KAUÇUK TAŞIT ARAÇLARI OTOMOTİV YEDEK PARÇA SANAYİ VE TİCARET LİMİTED ŞİRKETİ (Bursa) Net Satışlar, İhracat ve Kapasite
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TAŞIT ARAÇLARI VE YAN SANAYİ	KOBİ	ÜÇELKAUÇUK TAŞIT ARAÇLARI OTOMOTİV YEDEK PARÇA SAN TİC A.Ş.
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THE TEAM

Our continuous collaboration makes us more than just your best rubber to metal expert



Thank you

Danke

Merci

Gracias

Grazie

Gratias

Obrigado

Ευχαριστώ

Спасибо

הדוּת

مرکشم

شکرا

Teşekkür Ederiz



UCEL[®]

**RUBBER TO METAL EXPERT
KAUÇUK & METAL UZMANI**



Çalı Sanayi Bölgesi 37 Sk. No16/B
16235

Nilüfer / BURSA / TÜRKİYE

Tel. : +90 224 482 46 30

Fax : +90 224 482 46 33

info@ucelrubber.com

export3@ucelrubber.com