



# **ABOUT US**

Founded in 1980 in Bursa, ÜCEL Rubber began producing rubber and metal composite spare parts to meet the needs of the automotive industry. Over the years, with its commitment to high-quality production and customer-focused service, it has become one of the leading companies in the sector both domestically and internationally. Today, exporting to more than 60 countries, ÜCEL Rubber continues to add value to the automotive industry with its production quality and innovative solutions.











## **ABOUT US**







# ÜCEL IN NUMBERS





4.000+ Product References 4 Continents 60 Countries

Production 1980 R&D Test Lab

20.000 + Passenger Cars & Lcv Model Applications



# **OUR PRODUCT GROUPS**



# MOUNTS & BEARINGS

Engine Mounts
Transmission Mounts
Shock Absorber Mounts(PUR)
Suspension Mounts
Shock Absorber Bearings



#### **BELLOWS**

Axle boots Shock absorber dust boots Steering boots



#### **HOSES**

Radiator Hoses
Turbocharger Hoses
Fuel Hoses
Air Filter Hoses
Oil Hoses
Heater Hoses
Air Conditioning Hoses



#### **BUSHINGS**

Control arm bushings
Shock absorber bushings
Engine cradle bushings
Tie rod end bushings
Coil spring bushings
Rear crossmember bushings



# **OUR PRODUCT GROUPS**



**CRANK PULLEY** 



RUBBER AND METAL PARTS



**WATER TANKS** 



PEDAL RUBBERS
STABILIZER RUBBERS



**RESEARCH & DEVELOPMENT** 

# Comprehensive Market Knowledge

Over the last 3 years, visits were conducted in 72 provinces, covering 5,393 companies including 3,032 retailers and 2,361 independent service workshops.

ÜCEL Rubber possesses deep knowledge and extensive coverage of both local and international vehicle fleets.





**PRODUCTION CAPACITY** 

• Our factory produces over 5,000,000 parts annually with more than 200 personnel across 15 stations.

- Our main stations include vulcanization, sheet metal pressing, aluminum injection, plastic injection and assembly lines.
- More than 200 machines are in operation
- An average of 250 new products are put into use annually



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- 28 vulcanization presses
- 3 aluminum injection presses
- 3 plastic injection presses
- 7 eccentric presses
- 3 hydraulic presses
- 15 hydraulic assembly presses
- Rubber compound preparation line
- Pipe/profile cutting line
- Surface cleaning line
- Fully automated robotic welding line
- Pulley production line (4 CNC machines)
- Mold manufacturing line (6 CNC machines
- Mold maintenance line (6 conventional machines)



#### **Our Investment Plans**

- 3D printer (metal, rubber, plastic)
- Spectrometer
- Fully automated part assembly line
- New factory building (50,000 m<sup>2</sup>)

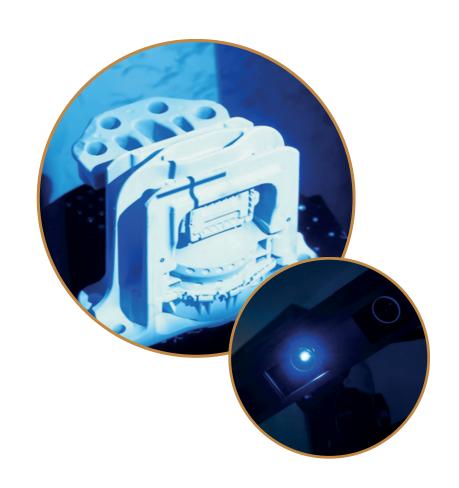


# RESEARCH & DEVELOPMENT

# STATE OF THE ART EQUIPMENT

- Reverse engineering, analysis and simulation software and hardware.
- We have 3D scanning technology with CNC machining capabilities.

With the automatic ATOS 3D metrology system, 3D scanning is fully utilized for the automatic measurement and inspection of parts.





# RESEARCH & DEVELOPMENT STATE OF THE ART EQUIPMENT

- Computer-Aided Design (CAD)
- Computer-Aided Manufacturing (CAM)
- Electrical Discharge Machine (EDM)
- CNC Machines

Globally recognized design and manufacturing software such as CATIA, VISI, and Mastercam

Powerful analysis and simulation software such as ANSYS





# **QUALITY CONTROL**



#### **TENSILE STRENGTH**

It is a test that measures the strength be havior of rubber materials before they break or deform.



#### **FATIGUE TEST**

It is a test that simulates road conditions to determine the part's capacity and the load it can withstand over a specific number of cycles.



RHEOMETRIC TEST

It is a test that measures the response of rubber to forces applied before, during and after the vulcanization process.



#### LOAD AND FORCE TEST

It is a test in which force is applied to rubber-based parts to measure the effect of the applied force on the hardness of the rubber.



# **QUALITY CONTROL**



#### **COATING AND THICKNESS TEST**

It is a test used to check the quality of coating systems selected to protect metal components.



#### **CRANKSHAFT PULLEY FATIGUE TEST**

Crankshaft pulleys play a fundamental role in the performance of various automotive systems. We subject our crankshaft pulleys to fatigue testing by applying measured force over a defined number of cycles.



# **QUALITY CONTROL**



#### **ELONGATION TEST**

It is the measurement of the percentage elongation coefficient associated with the elasticity of rubber.



#### THERMAL TEST

It is a test in which rubber materials are kept under pressure at a specific temperature for a certain period, and the resulting material deformation is measured.



**DENSITY TEST** 

It is a test used to measure the density of rubber.



#### **HARDNESS TEST**

To ensure the required quality level for the market, the hardness of metal products and materials is measured by applying permanent force to the material.



# **OUR QUALITY CERTIFICATES**



#### CERTIFICATE

Management system as per ISO 14001 : 2015

The Certification Body TÜV Teknik Kontrol ve Beigelendirme A.Ş. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization



ÜÇEL KAUÇUK TAŞIT ARAÇLARI SAN. TİC. A.Ş. Çalı Mah., 37.(410) Sok., No:16/B, TR-16275 Nilüfer / Bursa,

operates a management system in accordance with the requirements of ISO 14001 : 2015 and will be asset for conformity within the 3 year term of validity of the certificate.

Production of rubber and rubber-metal spare parts consisting aluminum parts by injection method, rubber, metal and bushes for automotive industry

Valid from 2024-12-16 Valid until 2027-12-15

sted by TBDS on mobile devices or by using TBDS Document number



TÜV Teknik Kontrol ve Belgelendirme A. Ş. Şehit Mehmet Fatih Öngül Sokak, No 5, Kat 4, Odak Plaza, Kozyatağı, Kadıköy, TR-34742 İstanbul www.tuv-turkey.com tuv-nord@tuv-turkey.com



#### CERTIFICATE

Management system as per ISO 9001 : 2015

The Certification Body TÜV Teknik Kontrol ve Belgelendirme A.Ş. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization



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TÜV NORD Turkey Teknik Kontrol ve Belgelend Şehit Mehmet Fatih Öngül Sokak, No 5, Kat 4, Odak Plaza, Kozyatağı, Kadıköy, TR-34742 İstanbul





## **SUSTAINABILITY**

Sustainability is the principle of meeting the needs of the present without compromising the ability of future generations to meet their own needs. This concept encompasses environmental, economic, and social dimensions, and is generally built upon the following three fundamental pillars:

- **1.** 1.Economic Sustainability: Ensuring economic growth and promoting sustainable development. This requires economic systems to be efficient and stable in the long term. Examples include the efficient use of resources, fair trade, and the reduction of economic inequalities.
- **2.** 2.Social Sustainability: Ensuring the well-being of societies and promoting social justice. This includes the protection of human rights, access to education and healthcare, gender equality, and social inclusion.
- **3.** 3.Environmental Sustainability: Preserving and managing natural resources, and maintaining the health of biodiversity and ecosystems. Examples include the use of renewable energy, protection of water and air quality, and effective waste management practices.

Sustainability requires individuals, communities, and governments to make more conscious decisions while considering the needs of future generations. Today, this concept plays a vital role in addressing global challenges such as climate change, environmental pollution and the depletion of natural resources.

**At ÜCEL Rubber,** we are fully committed to complying with national and international regulations and all applicable requirements in our operations and projects. With our team of environmental experts, we closely monitor updates in legislation and other relevant obligations, ensuring immediate adaptation to changing conditions.

We have initiated the following efforts:

**ISO 14064:** Corporate carbon footprint calculation **ISO 14067:** Product carbon footprint calculation **ISO 14046:** Water footprint calculationwww





## **EXCELLENT BUSINESS SUPPORT**

• TECDOC PREMIER DATA SUPPLIER

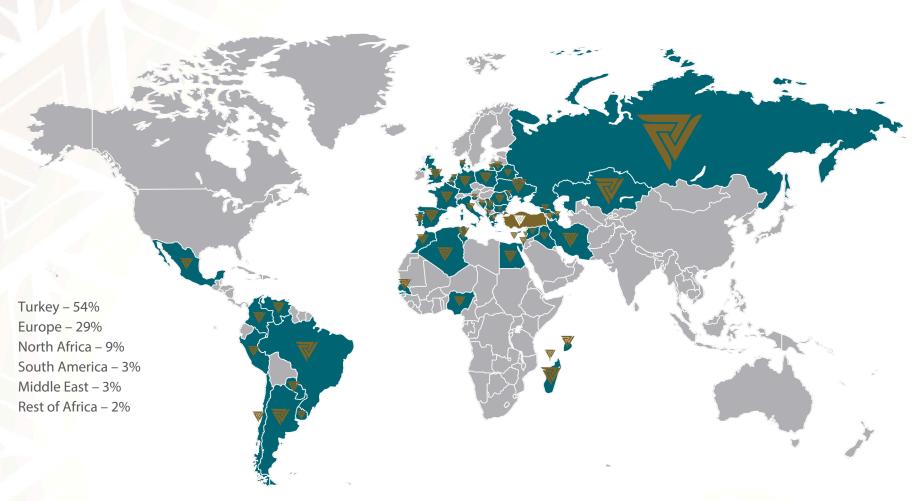


• ONLINE CATALOGUE (Click to Download)





# **SALES & MARKETING**



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**SALES & MARKETING** 

## automechanika

FRANKFURT ISTANBUL MOSCOW BUENOS AIRES









# **SALES & MARKETING**





### **OUR INDUSTRY PERFORMANCE AWARDS**









Success is not a coincidence...



# **ÜCEL FAMILY**





Thank you

Danke

Merci

Gracias

Grazie

Gratias

Obrigado

Ευχαριστώ

Спасибо

הדות

مركشتم

شكرا

Teşekkür Ederiz











