

# INTEGRATED TIRE CURING SOLUTIONS



**UZER MAKİNA**  
Company Catalogue



# INTRODUCTION

Uzer Makina has been serving global tire industry with its wide range of tire curing solutions since 1978. Our product line consist of two main categories which are tire curing presses and tire molds.

The headquarters is located in Kocaeli (Izmit) / Turkey where is also known as “the capital of Turkish tire industry”. Uzer Makina serves its clients with its four plants and more than 300 employees.

Uzer Makina places great value on innovation and dedicates its resources on R&D, state-of-the-art manufacturing technologies and highly qualified employees in order to expand its four decades of know-how.

Uzer Makina places special emphasis on Integrated Quality Management Systems and complies with quality standards such as ISO 9001/14001 and OHSAS 18001.



# TIMELINE



Uzer Makina was founded by Mr. Selahattin Uzuner and Mr. Bahattin Ertuğ

90

Manufactured the first Bladder Mold and Sidewall Plate



Manufactured the first Mechanical Tire Curing Press



Moved to the new building in Kartepe region in Kocaeli / Turkey

01

Manufactured the first segmental mold



Manufactured the first PCR Hydraulic Curing Press

14

Opened up our second plant again in Kartepe which is used for pre-producing parts

17

Opened up our third plant; moved curing press production to there in order to increase production capacity of both product lines.

1978

1990

1995

2000

2001

2004

2014

2017

1984

1991

1996

2000

2002

2007

2016

2018

Manufactured the first AG Mold

Manufactured the first Container and Two Pieces Mold

Exported our first product

Purchased the first 5 - Axis CNC Machine

Received ISO 9001 certificate

Designed, manufactured and patented Floating Column Technology for Hydraulic Presses

Received ISO 14001 and OHSAS 18001 certificates

Opened up the fourth plant in Aksaray / Turkey which is used for mold and press maintenance.



91 96



16 18



# TIRE CURING MOLDS

• Tire uniformity, indefectibility and quality greatly depend on tire curing molds. Since 1978, Uzer Makina offers a wide range of tire curing molds for world leading tire manufacturers.



## « Tread Segments

Uzer Makina successfully meets specifications and high uniformity requirements, therefore delivers top notch tread segments manufactured at its latest technology 5 - Axis CNC machineries. Uzer Makina utilizes engraving method for summer type tires and casting method for winter type.



## « Container Mechanisms

Container mechanisms form the backbone of the whole curing mold system and make the system work smoothly. Uzer Makina manufactures container mechanisms in various types and sizes.



## « Sidewall Plates

All kind of sidewall letterings, serrations and plugs are engraved by 4 - Axis CNC equipments according to clients' requirements.



## « AG Molds

Agricultural (AG) molds also fall within area of expertise of Uzer Makina. Molds that are up to 115" (external diameter) are engraved by our fully automated CNC machineries



## « Bladder Molds

Just like tire curing molds, Uzer Makina is a well experienced bladder mold manufacturer who offers both injection type and compression type bladder molds. Besides, Uzer Makina is capable of engraving any kind bladder pattern requested.



# TIRE CURING PRESSES

- Tire curing presses are the one of the most crucial assets of whole tire production process both in terms of productivity and its cost to tire makers. Therefore, Uzer Makina offers latest technology tire curing presses to its customers.

## « Floating Column Type Hydraulic Presses

Uzer Makina brings a different perspective to column type presses with its internationally patented floating column type system. In 2007, our design team came up with a design innovation that includes a new column design (floating columns) that eliminates the necessity of mold height adjustment equipments. Uzer Makina is fully capable of manufacturing floating column type in various sizes starting from 36" to 52" for 2-3 wheeler, PCR and LTR tires.

## « Frame Type Hydraulic Presses

Uzer Makina manufactures frame type curing presses between 62" - 67" for TBR tires.

## « Mechanical Presses

Uzer Makina produces mechanical presses for all types of tires. Presses between 45" - 51" are produced for PCR and LTR tires; presses between 63.5" - 65.5" are for TBR; and presses between 75" - 104" are produced for AG and OTR tires.

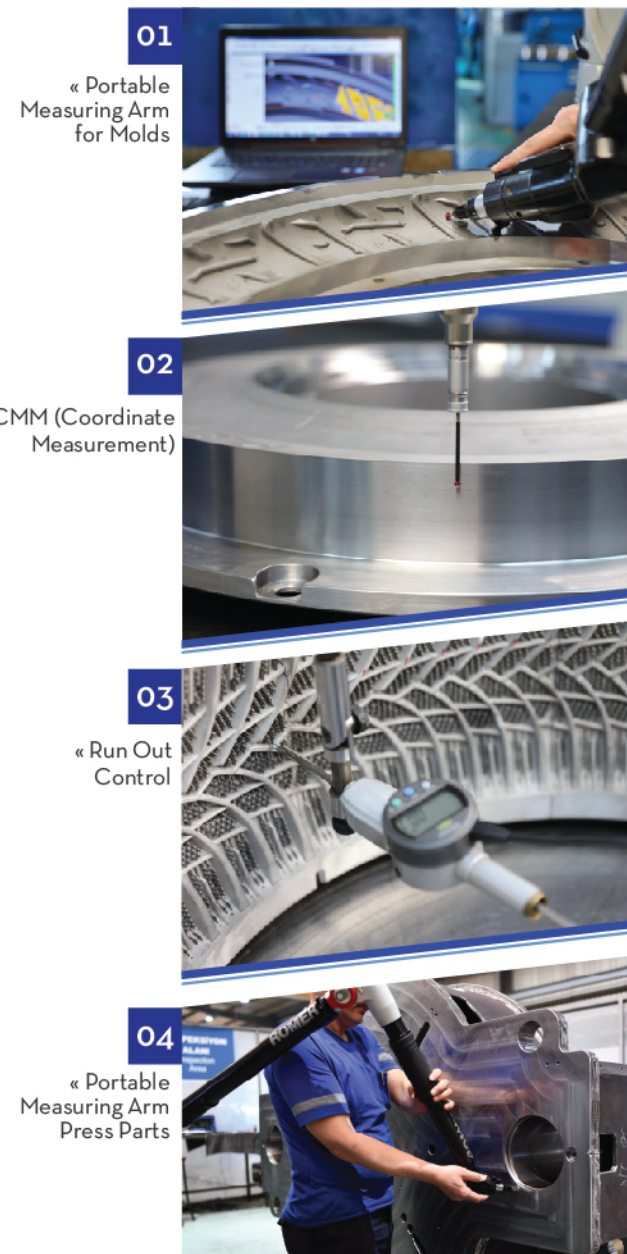


# QUALITY MANAGEMENT

- Uzer Makina is committed to deliver high quality products, therefore quality inspections are one of the most critical processes for us.

All of our products are subjected to quality control prior to shipment. A variety of quality measurement methods are utilized including CMM, run-out and portable measuring arm inspections. All presses comply with European quality standards and contain CE label.

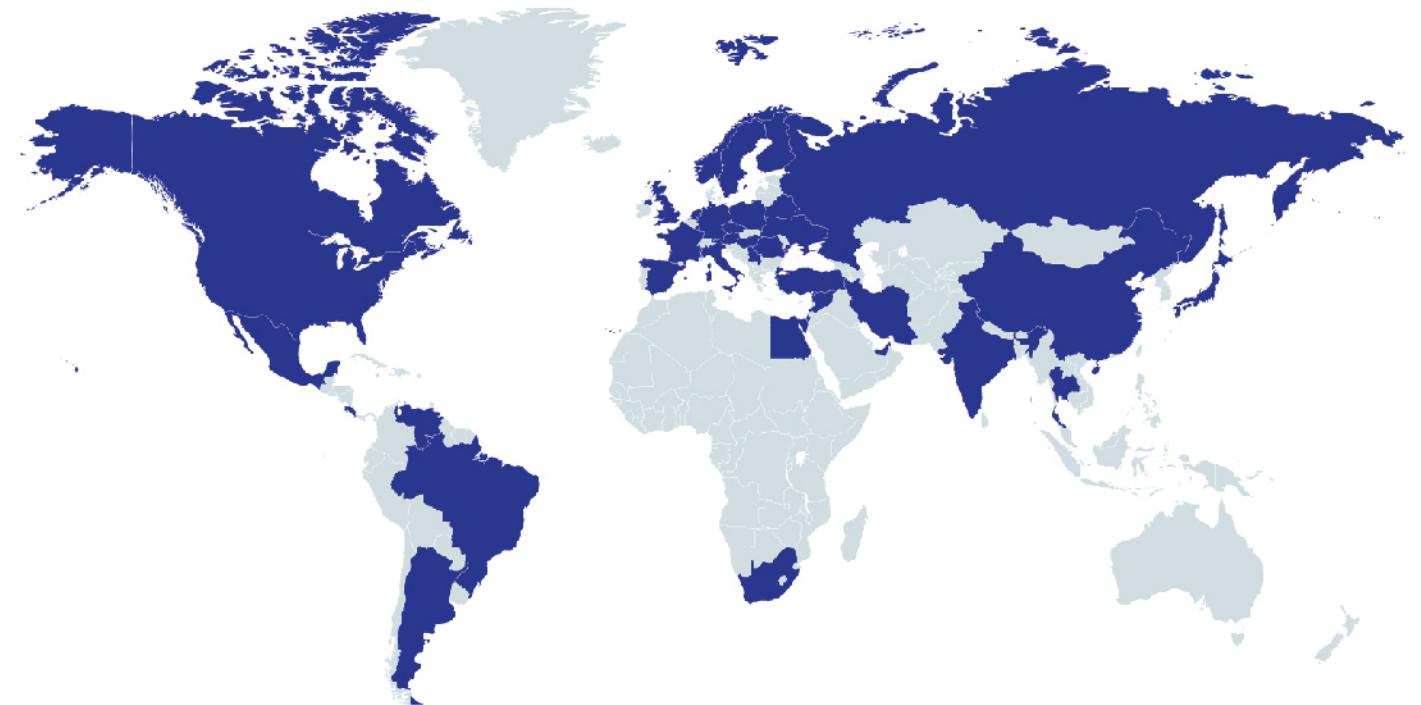
Besides ISO 9001 approved operational excellence, we are proud of attaching great value on business sustainability. We believe ensuring labor safety and fulfilling environmental responsibilities are the key to the success. Therefore, Uzer Makina has adopted "Integrated Management System" that brings ISO 9001/14001 and OHSAS 18001 certificates together.



# CUSTOMER NETWORK

38   
Countries

- Uzer Makina offers "Integrated Tire Curing Solutions" to world leading tire manufacturers from all over the world. Currently we serve 38 countries and keep expanding our customer portfolio.



## MAJOR CUSTOMERS






*Our Sign | Just Everywhere*

Arslanbey OSB, 5. Sok. No:5 | A 41285  
Kartepe - Kocaeli | TURKEY

+90 262 351 31 84  
+90 262 351 31 93  
[www.uzermakina.com](http://www.uzermakina.com)

