

TECHNOcast



# About Technocast

Founded in 2003

Company Group – 3 Business areas

R&D Center founded in 2017

20,000 sqm closed area / 3 locations

Number of employees: 450

Located 80km West of Istanbul in Çerkezköy, Tekirdağ

100 km to EU border

4-5 days truck delivery to anywhere in the EU.

1 hour from 2 major ports



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## Vision

- ❖ To be recognized as a global supplier of Technologies which make human life easier with a reach of 5M units production by 2025.
- ❖ To continue introducing high quality, affordable wheels to local and international markets under own brand, reaching to over 30 international markets.
- ❖ To be perceived as the innovative, high quality local medical device manufacturer by 2025.

## Mission

- ❖ Understanding and delivering the Customer needs
- ❖ Adopting Quality First!
- ❖ Seeking 'The New' with real value add
- ❖ Increasing efficiency in everything we do
- ❖ Ensuring motivation and teamwork
- ❖ Creating employment opportunities
- ❖ Environmentally friendly manufacturing



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## HISTORY

2003

Technocast is established in Istanbul with the core business being light alloy aluminum wheel trade for Turkish and Russian aftermarkets.

2004

Technocast acquires Kare Metal Form Sanayi Ltd. which manufactures light alloy wheels in Turkey.

2006

Technocast starts exporting alloy wheels to several European countries.  
A new wheel manufacturing plant is established in Rostov, Russia for Azov-tech Company (know-how transfer)

2010

Technocast moves to its new 13.000 m<sup>2</sup> (9.500 m<sup>2</sup> closed area) manufacturing plant in Cerkezkoy and end of same year invests in plastic injection molding technology to start manufacturing Turkish Coffeemaker subsets for Arcelik-Beko Group

2014

Technocast starts R&D studies for a new medical product line under its own brand Mednetic.

2016

New SDA assembly factory starts its operations. Technocast continues to work as an OEM/ODM supplier to local and international brands in SDA business.

2017

Technocast is granted as Turkey's 669th R&D Center

2020

Technocast exceeds 1M units in SDA production

## BUSINESS UNITS

### TECHNOcast

**SMALL HOUSEHOLD  
APPLIANCES**

PLASTIC INJECTION  
MOLDING/ELECTRONICS

### CARRE *wheel design*

**CUSTOM DESIGN  
ALLOY WHEELS**

LOW PRESSURE  
CASTING

### MEDNETIC

**ENDOSCOPY  
ACCESSORIES**

MEDICAL DISPOSABLE  
MANUFACTURING

## TECHNOCAST FACILITIES



TC1

### Plastic Processing Plant – 7000 sqm

- ❖ Tool Shop
- ❖ Plastic Injection
- ❖ 3x Plastic Painting Lines
- ❖ Pad Printing/Hot Stamping/PVD
- ❖ 2x Quality Labs
- ❖ 2x Warehouse
- ❖ R&D Center
- ❖ Alloy Wheel Manufacturing 3000 sqm



TC2

### SDA Assembly Plant – 8000 sqm

- ❖ Assembly Lines
- ❖ Product Quality Lab
- ❖ Warehouse



TC3

### Endoscopy Accessories Manufacturing – 1500 sqm

- ❖ Class D Clean Room Man. Area
- ❖ Warehouse



**TECHNOCAST**  
R&D **CENTER**

## OEM/ODM SDA

### SMALL HOUSEHOLD APPLIANCES

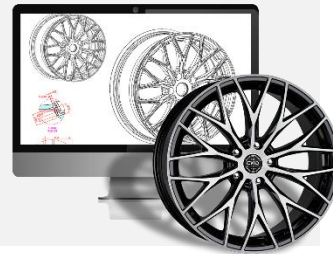
- ❖ R&D Team
- ❖ Experienced Team of Engineers
- ❖ Pending Patent Applications:
- ❖ Vacuum Cleaner/Coffee Machine



## LOW PRESSURE CASTING

### CUSTOM DESIGN ALLOY WHEELS

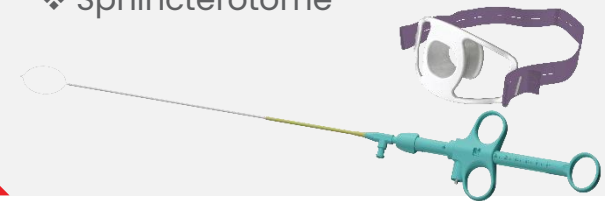
- ❖ Design Office
- ❖ Wheel and mold design



## MEDICAL DISPOSABLE MANUFACTURING

### ENDOSCOPY ACCESSORIES

- ❖ Government supported Projects:
- ❖ Balloon Catheter
- ❖ Sphincterotome





### **R&D**

- ❖ Study of market& customer needs technical specs, new Technologies
- ❖ Research and project development for innovative and value added products.



### **ENGINEERING / MECHANICAL DESIGN**

- ❖ Inhouse mechanical design development
- ❖ Engineering and supplier/solution identification



### **INDUSTRIAL DESIGN**

- ❖ 3D Design with CAD software
- ❖ Real show of the product
- ❖ Revisions on the design before mechanical design and engineering



### **ELECTRONICS DESIGN**

- ❖ 3D Design with CAD software
- ❖ Real show of the product
- ❖ Revisions on the design before Mechanical design and engineering



# TECHNOCAST R&D ROADMAP 2024

**Cordless**



Floor Care



Hot Beverage - Coffee



Steam



Air Quality



Other - Kitchen/ Opportunistic OEM / ODM

**Health**

# WHY TECHNOCAST?

## WHAT?

- ❖ One stop shop for our partners  
*We are a full service OEM supplier from development, design to final product packaging*
- ❖ Integrated facility with vast amount of diversified process knowledge
- ❖ High flexibility to meet our partners' expectations in terms of product quality and efficiency
- ❖ Quality management focused approach from top to bottom



## HOW?

- ❖ Experienced team with multinational manufacturing background
- ❖ Continuous development in human resources skill sets
- ❖ Strong local and global partnerships
- ❖ Continuous improvement projects and lean production focus
- ❖ Sustainability and strategic planning based management approach
- ❖ Focus on Innovation and Value for ideas! - New R&D Center

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## END-TO-END SERVICES FROM DESIGN TO ASSEMBLY

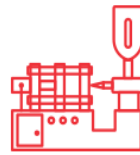
Technocast carries out all product development and production phases from R&D, industrial and mechanical design to assembly under same roof



R&D



MECHANICAL  
DESIGN



PLASTIC  
INJECTION



PAD PRINTING/  
HOT STAMPING



QUALITY  
MANAGEMENT



INDUSTRIAL  
DESIGN



PROTOTYPING



PAINTING



ASSEMBLY

# TECHNOcast

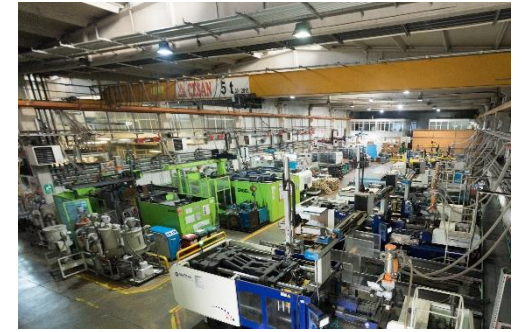


## Competencies

- ❖ Project Management
- ❖ Production Planning & Logistics
- ❖ Quality Management
- ❖ Performance Management
- ❖ Supply Chain Management
- ❖ Method Engineering

## Services

- ❖ R&D/Product Development
- ❖ Molding/ Plastic Injection
- ❖ Surface Finishing
- ❖ Pad Printing
- ❖ Assembly



## TOOLSHOP

- ❖ Inhouse Toolshop
- ❖ 24/7 maintenance by an experienced team



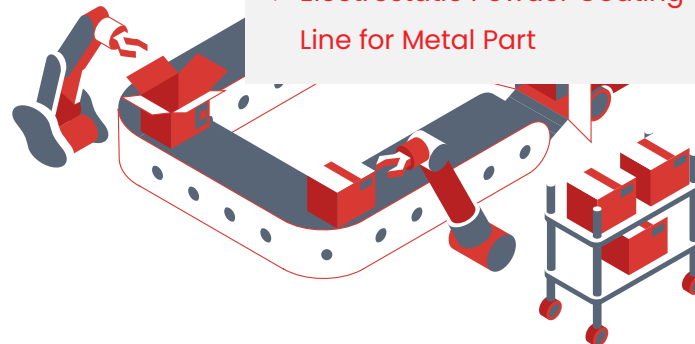
## PLASTIC INJECTION

- ❖ 45 robot automated presses between 35T to 700T
- ❖ 4.500 tons Plastic Processing Capacity/year



## SURFACE FINISHING

- ❖ 4xRobot Automated Plastic Painting Lines
- ❖ Electrostatic Powder Coating Line for Metal Part



## PAD/SCREEN PRINTING

- ❖ Silk Screen Printing
- ❖ PVD Coating
- ❖ Hot Stamping
- ❖ 4 Color Pad Printing

## ASSEMBLY

- ❖ 10x Assembly Lines
- ❖ 2,5 million SDA Production Capacity/year



# Hot Beverage Preparation



# Vacuum Cleaners



# Kitchen Appliances



**PRODUCTS**  
**Vacuum Cleaners**



**TC34**



**TC65**



**TC13**



**TC28**



**TC54**



**TC84**

**PRODUCTS**

**Hot Beverage Preparation**



**TC58**



**TC73**



**TC74**



**TC74-2**



**PRODUCTS**  
**Kitchen Appliances**



**TC70**



**TC71**



**TC3**



**TC4**



**TC7**

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## Current Business



### Hot Beverage Preparation



### Kitchen Appliances



### Vacuum Cleaners



### Hot Beverage Preparation



- ❖ New filter coffee maker and Turkish coffee maker projects
- ❖ New patent for Turkish coffee maker

### Kitchen Appliances



- ❖ New model blenders, choppers will be ready and free to open new projects with customers.

### Floor Care



- ❖ New rechargeable stick vacuum cleaner and canister vacuum cleaner projects will be launched in 2021
- ❖ Lab setup for rechargeable stick vc products and battery testing
- ❖ New trend industrial designs will be prepared and shaped according to customer requests

## New Investments In 2021

**Cable rewinder**  
Q2 2021



**Automated cable**  
**manufacturing solutions**



**SMD line** Q4 2021



**New Factory** Q4 2021



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