

New thinks new *advantages...*

Yeni fikirler, yeni *fırsatlar...*



APEIRON ATTENDANT M3
Seating System Solution



The presentation has been prepared by Teknotrim Sales & Marketing Department

Company Location



- ✓ As Teknotrim , we produce seating system in 6.000m² closed production area
- ✓ We have welding , foaming , molding , stamping , profile bending , cutting , sewing , final assembly workshops with incoming and outgoing storages.
- ✓ With all necessary production lines and machineries, we are completely integrated Corporation.



Management

Mustafa Samancı
General Manager

Bilgehan Gültekin
Sales & Marketing Manager

Fatih Vural
Foreign Trade Manager

Şenol Aladağ
R & D / Strategic Purchasing Manager

Sevilay Samancı
Account Manager

Sevilcan Ceylan
Quality Manager

Taner Peker
Logistic & Production Manager

Cüneyt Çetin
Project Executive

Abdullah Ayduğan
Quality Chief

Mustafa Tokmak
Metal Production Line Chief

Özgür Ece
Foaming Production Line Chief

Kazım Temel
Upholstery & Last Montage

- Totally we have 28 white collar and 95 blue collar staff
- Total worker is 123

Welding & Foaming Process



We have 10 manual welding cells and robotic welding operations



We can make our own foam design and production capability. We produce more than 420.000 units backrest and seat cushion foam per year.



TEKNO ROB is our group company and all automation and linear robotic system needs are satisfied , developed and integrated by our group.

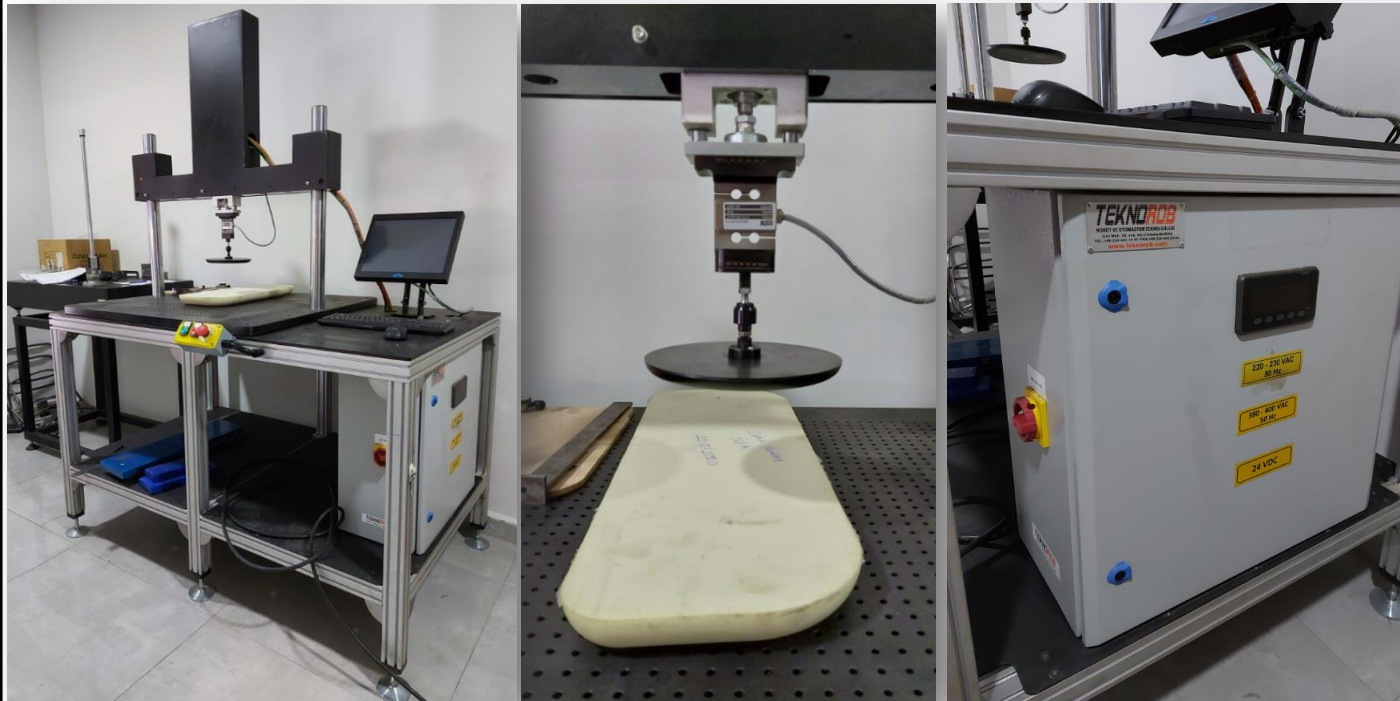


With highest and flexible robotic system usage advantage , all welding operations are made by robotic welding machines and all necessary welding apparatus and fixations are designed appropriate for robotic welding process



www.teknorob.com

Foam Density Control Process



The foam density control machine has been designed and produced by our group company of TEKNOROB for our laboratory.

Hereby holding this machinery , we can make density control in prototype , pre-serial and serial phase of the product in various periods and all datas have been reported and followed up by our Quality Department regularly.

The foam density control machine is controlled , tested and funded due to it is considered as a national technology by The Scientific And Technological Research Council Of Turkey. The machinery is also patented by TEKNOROB.

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TUBITAK

THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY

«...research is to see what everybody else has seen , and to think what nobody else has thought...»

Albert Sizent

Research & Development Capability

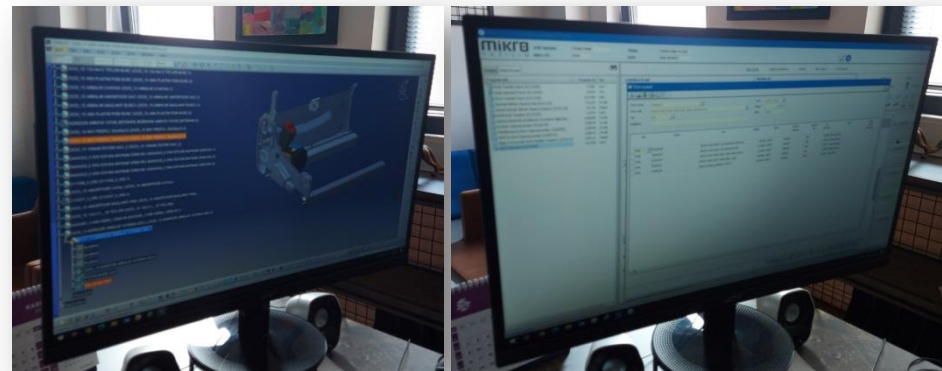
Research & Development consists of two main departments as Industrial & Mechanical Design Center and Product Development & Application Center

Our technical capability can be considered with following topics;

1. Industrial Product Design
2. Mechanical Design
3. Product Development & Applications
4. Software & electrical design and application supported by Teknorob R&D
5. Test & Documentation Process
6. Project Management

Data Base Management

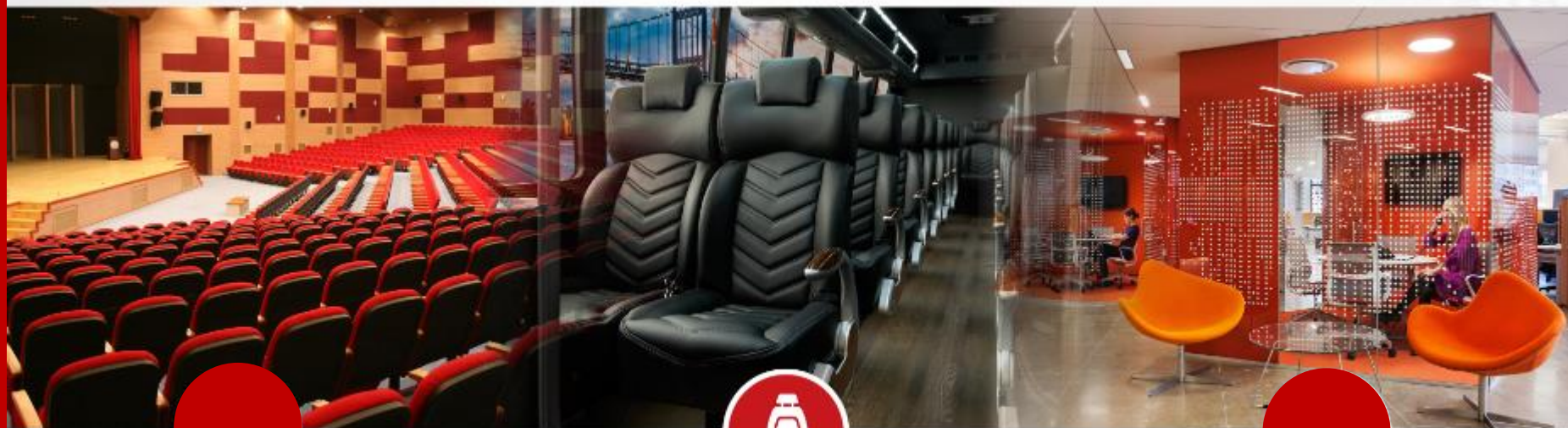
We use Catia V5 and Autocad program and also ERP data base system program called MICROFLY PROFESSIONAL which has been developed mad most of the interface software codes by our R&D Software Specialists



Sewing & Last Montage & Storages



Packing & Storage Process



Commercial Vehicle
Seating Systems



APEIRON

(M3)

Ambulance



Apeiron M3 Attendant Seat

Standart Features

Constructed based on metal structure fulfilling M3 / ECE 95 - 28 ; ECE R14 and EN 1789 International EU regulations

450mm backrest and seat cushion width and 450 mm seat cushion depth

Fixed backrest integrating to the main backrest structure directly without any additional welding operation.

3P Safety belt mechanism running into the backrest by satisfying of «ALL AGE» using expectations.

Special cushion movement stepping in when it is open

Upward folding seat cushion mechanism by hidden piston

Maximum sterilization by covering all mechanical and visual areas with vacuum plastic parts.

Base connection can be applied to each different connection points

Trimmed by artificial leather fulfilling ECE R 118 Flammability Standards



APEIRON

(M3)

Ambulance

Industrial Design



APEIRON

(M3)

Ambulance

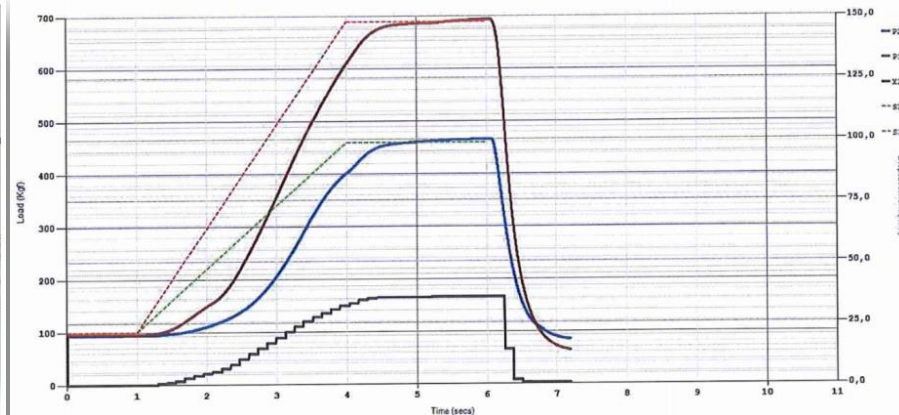
Apeiron M3 AttendantSeat / Field Of Application



APEIRON ATTENDANT

Ambulance

Apeiron Attendant M3 AMB. Seat has been tested by ECE 95 / 28 – M3 and EN 1789 based on Ford Vehicle Chassis Of EMS



Marca / Mark: EMS Tipo / Type: EMS-TF (Type -2)	Carga Mínima Minimum Load (daN)	Carga Alcanzada Reached Load (daN)
Entre anclajes superiores <i>Between upper anchorages</i>	450 ± 20 (*)	455
Entre anclajes inferiores <i>Between lower anchorages</i>	676,5 ± 20 (*)	676,7



APEIRON

(M3)

Ambulance

Upholstery Variations



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