

# CAC *Ambulance*







## ABOUT US

- As a part of the CASSAS Group of Companies, AC ARGE Endüstriyel Üretim Sanayi ve Ticaret A.Ş.. continues its activities in the manufacturing sector in line with the experience and knowledge of the community by combining the research, development, industrial design and manufacturing activities as well as the requirement for information and people with a modern approach and aesthetics.

- AC has a wide range of R & D and industrial activities. In this context, our company's general area of activity covers R & D, design, production, modification, maintenance, repair and modernization and post-sale services of various platforms used in health, security, service and transportation systems.



- AC ARGE's slogan, "Innovative solutions in design and manufacturing", reflects our general policy in the sector in which our company operates.

- AC ARGE systematically implements R & D activities to create new systems, processes, products and services, or to develop existing ones, with a visionary approach to research and development, focusing on continuous innovative solutions and acts as a company that promotes the importance of knowledge and experimental works for products creating added value within its sector.

- The concept that we take as basis in design is to gather together various elements and features, which are perceived in the product that we design, in part and as a whole, through lines, shapes, formats, colors, textures, materials or human senses such as aesthetic, in order to stand out in the competition with other companies operating in the sector, to maximize satisfaction by responding to the expectations of customers and to increase the product quality.

- Therefore, it is one of our main goals to create ergonomic and aesthetic designs that can fulfill new, ever-changing human needs.

- AC ARGE has the capacity to carry out all the engineering works of industrial manufacturing, from design to manufacturing, as well as technical and financial management of medium to large projects at the same time with its know-how.

- The products we are offering and will offer to our customers are in compliance line with the quality, health and safety legislations required by national and international standards and regulations. In the context of process control, we also adopt an understanding that proves and highlights the quality of our products through our expert staff and relevant organizations in the fields of testing, monitoring, auditing and certification.

- In addition to the design, research & development, modification, assembly and manufacturing of vehicles and equipment offered to its customers, AC ARGE stays by its customers maintenance and post-sale services.

- The knowledge and experience of CASSAS Group of Companies dating back towards today is based on the experience gained from 1200 ambulances manufactured for the Ministry of Health and 28 armored ambulances manufactured for the Ministry of Defense and delivered in two batches.

## INNOVATIVE SOLUTIONS IN DESIGN AND MANUFACTURING





## AMBULANCE

AC ARGE, continues its design and manufacturing activities, which was launched at the manufacturing plant in Ankara at the end of 2017, with a team of qualified engineers and technical personnel. In this context, the emergency ambulance, developed and designed by AC ARGE engineers, was exhibited at the EXPOMED EURASIA 2018 Health, Medical and Medical Device Exhibition, which was held on 22-25 March 2018 in Istanbul TUYAP Fair and Congress Center. The ambulance exhibited under the AC Ambulans brand was presented to the customers as a brand-new design. In addition to the quality and ergonomics that prioritizes the comfort of the patient and also the medical personnel, AC Ambulans was aesthetically appreciated as well.

AC ARGE has stood with its capability to be an innovative, creative and distinguishing company in the sector and proved these characteristics with its products. In this sense, it has made great progress in becoming the leading and pioneer company of our country in ambulance manufacturing.



## ARMORED AMBULANCE

As a company affiliated with the CASSAS Group of Companies, AC ARGE has sufficient infrastructure, knowledge and engineering ability in the design and manufacturing of different products in the light of experience that the group has gained from the past.

AC ARGE, is a company that has progressed in its objectives and the capability to manufacture emergency ambulances, reaching to the capacity of vehicle armoring with its technical team and solution partners, which require special skills and accordingly, of producing armored ambulances.

Hence, the confidence and experience gained with the total of 28 armored vehicles manufactured and delivered in two batches for the Ministry of National Defense is clear evidence of this.



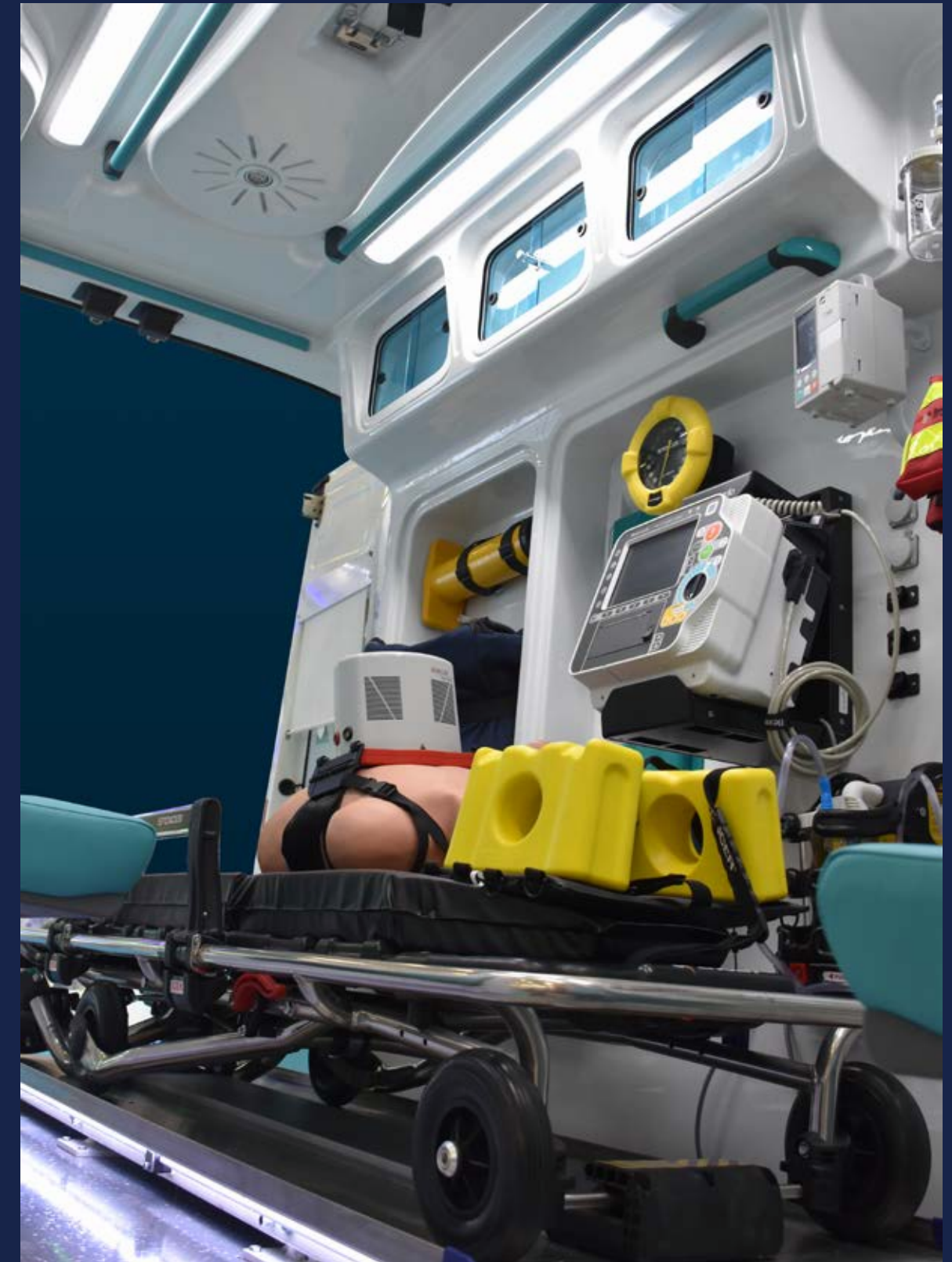


## VOLKSWAGEN CRAFTER AMBULANCE





## FORD TRANSIT AMBULANCE





## MERCEDES SPRINTER AMBULANCE





AMBULANCE INTERIOR



Patient Cabin



Interior of the Left Sliding Door



Digital Control Panel



Patient Cabin



M1 Classified Seats



Cabinets Modules



Door Interior Upholster







- All ambulances of type A1, A2, B and C defined in TS EN 1789 + A2 Standard within the scope of AC AR-GE and ambulances according to T.C Ministry of Health Ambulance Regulation can be produced.
- AC AR-GE has ISO 9001, ISO 14001, EN ISO 13485, OHSAS 18001 and also, TSE Service Sufficiency and T.C. Ministry of Customs and Trade After Sales Service Sufficiency Certificates.
- All of our ambulances have successfully completed the 10 G crash test.

## Standard Features of Our Ambulances

- Acrylic covering ABS walls located on the inner surface of the patient cabinet provide top-level safety with fire retardant feature. It also provides advantages in terms of ease of cleaning with impact and scratch-resistant texture and aesthetic appearance.
- The solid surfaces and contain loophole's indentations and protrusions are involved in order to increase the hygiene to the maximum level of the car interior surfaces,
- Intercom system between patient and driver cabin.
- Storage pockets in the left sliding door provide easy access for all user manuals.
- There is an oxygen selector key system to increase safety in the oxygen system and to eliminate the drawbacks of the sequential oxygen cylinder.
- There is a stretcher platform with TS EN 1789 + A2 test report, carrying capacity of 250 kg, high mobility, and floor illumination.
- The vehicle contains an emergency switch that allows all doors to be easily closed from inside the patient cabin.
- The vehicle contains solid grips that allow the standing staff to safely shift their hands while the vehicle is moving (without having to hold it down again).
- Seats with class M1 and 10 G safety certifications that provide high security and comfort to ambulance personnel in the patient's cabin exist.
- In the patient cabin, USB charging terminals are contained for easy to charge for mobile phones/tablets etc.
- The additional control panel which has 7" digital control panel with an adjustable angle up to 80 degrees and a user-facing panel right next to the second seat provides to control all equipment in the patient cabinet ergonomically.
- Modular inner cabinet design allows customization of the interior of the vehicle according to customer needs.
- In the patient's cabin, it contains kangaroo pads and shelves that increase storage space.
- There are lightings which are placed under the side/back steps to enhance safety at night and/or in limited visibility conditions and flasher lightings which draw attention to the open door edge axes and movable steps.



- The vehicle has additional lighting that makes it easy to remove and replace the seam rolls and scoop stretcher.
- An electric panel which is protected and upgraded with the possibility of quick "disconnect-plug-continue" in case of malfunction exists.
- A transparent window is available for easy-to-control of the fuse panel.
- The vehicle includes powerful, efficient and versatile cooling and heating system.
- The vehicle includes a full air suspension system providing stability, comfort, and safety in difficult road conditions.
- The right sliding door has a movable step at the entrance.
- The vehicle has external labeling with light and audible warning system suitable for the user's choice.
- Long-lasting pool-type leak-proof floor covering for easy-to-clean and a fully washable interior cabin exist.
- There are rounded edges and corners that minimize the injury level.

## Optional Features

- There is a double-controlled safety lock that prevents the vehicle from moving without being locked in a place of a stretcher.
- There are shelves positioned behind the stretcher compartment on the right wall.
- There is a digital clock on seat number two.
- The vehicle contains easy to clean and turquoise-colored leather door interior floors.
- The vehicle has an ECOSOLAR system that provides to charge itself with solar energy while the car is parked.
- Wide selection opportunity of technical and medical equipment for user demands.
- Additional information can be obtained from [info@acendustri.com](mailto:info@acendustri.com) address.



\*Pictures may differ from actual products



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