

ABOUT US

AUTOCLAVES

- Safety is critical when it comes to autoclaves and manufacturing based on accepted international and local standards.
- Certified raw materials used according to pressure vessel manufacturing standards.
- Manufacturing based on 2014/68/EU or ASME or EAC standards.
- Manufacturing based on 2006/42/EC Machinery Safety Regulation.
- Certified autoclaves by world well-known certification agencies such as Bureau Veritas, TUV, OneCIS Insurance Company.

Akarmak, founded in 1990, manufactures autoclaves and pressure vessels for various industries including the Composite Materials, Glass Industry, Tire Retreading - Rubber Vulcanization, Building Materials, Medical Waste Sterilization.

Our autoclaves are manufactured in our state-of-the-art manufacturing facilities in the city of Eskisehir, with close proximity to major cities and ports. From the customer requirement acquisition stage to design, manufacturing, test, delivery and on-site commissioning, Akarmak is capable of providing turnkey and boutique solutions for every customer need.

The autoclaves are designed using advanced design tools and software meeting the highest safety and quality standards. We approach every project as unique and custom-made, and can handle customer specific requests. The autoclaves are manufactured with limited reliance on outside suppliers and are carried out by an experienced, highly trained and certified work force and technical staff.

Akarmak has the following certifications including those for autoclave and pressure vessel manufacturing:

- 2014/68/EU Pressure Equipment Directive
- 2009/105/EC Simple Pressure Vessels Directive
- ASME SEC VIII Div. 1
- EAC
- EN 3834-2
- EN 15085-2
- AD2000

Other certificates that may be required by different countries and jurisdictions. To certify our autoclaves, we work with internationally well-known certificate agencies such as BureauVeritas, TUV, OneCIS Insurance Company.

Thank you for your interest in our company and our products. We look forward to realizing successful projects with you and enhance your value chain with high quality products.

Please do not hesitate to contact us, if you have any questions. You can also visit us at www.akarmak.com to get more information about our company and our products.



www.akarmak.com



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PRODUCT BROCHURE

COMPOSITE
AUTOCLAVES

www.akarmak.com

Excellence in Autoclave Manufacturing





Superb After-Sales Service

Made in Europe



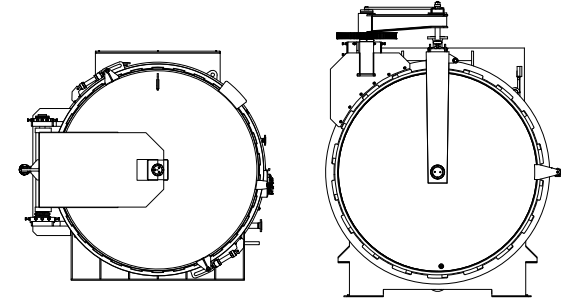
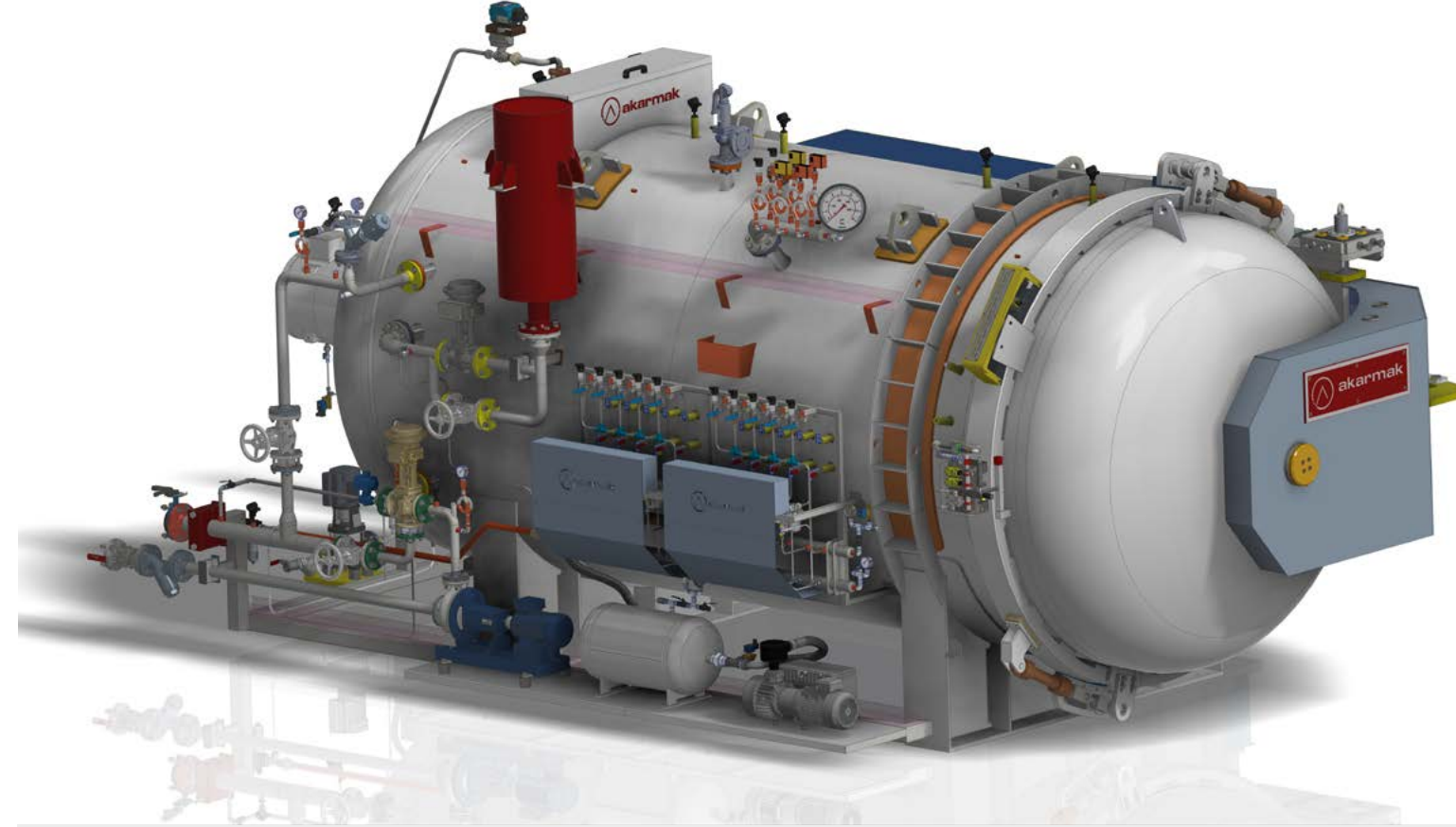
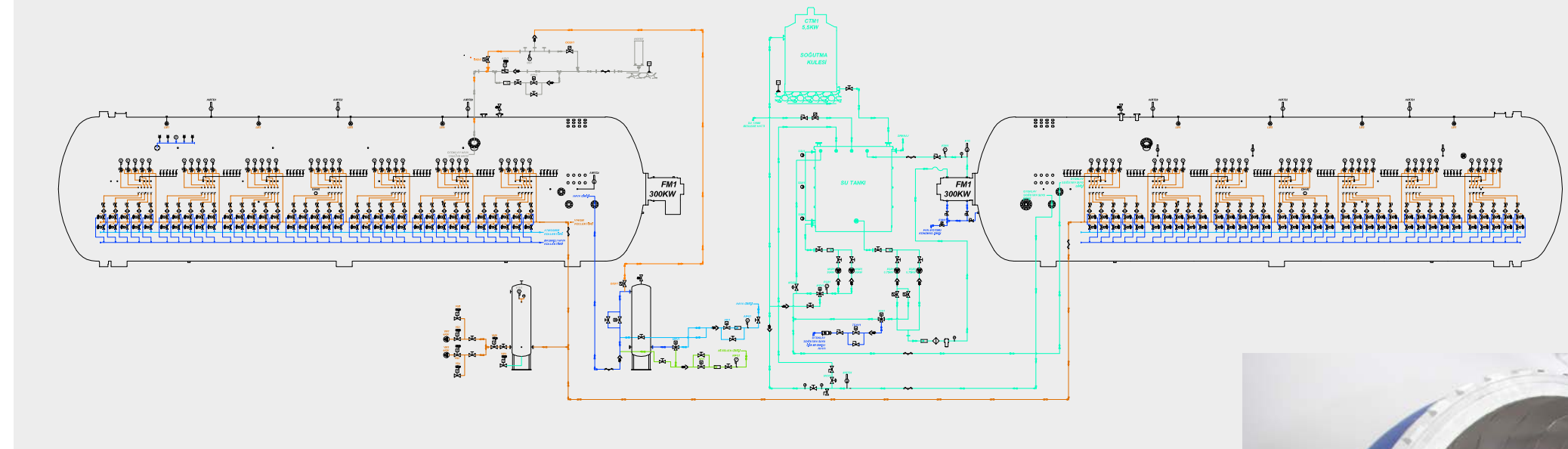
COMPOSITE AUTOCLAVES

FOR PRODUCTION & LAB APPLICATIONS

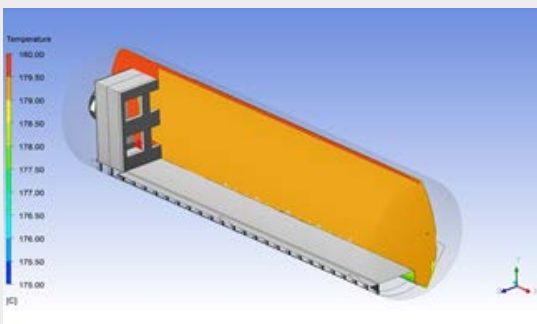
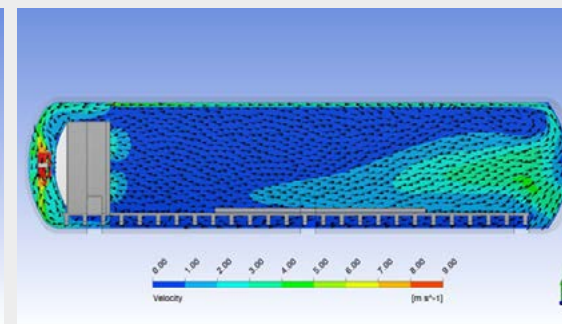
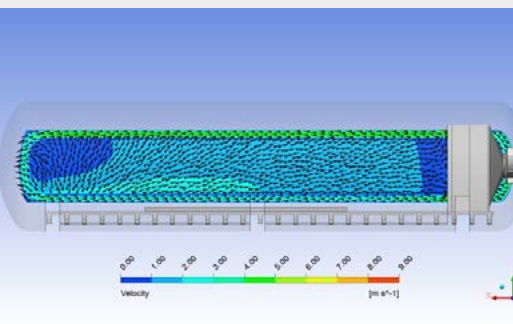
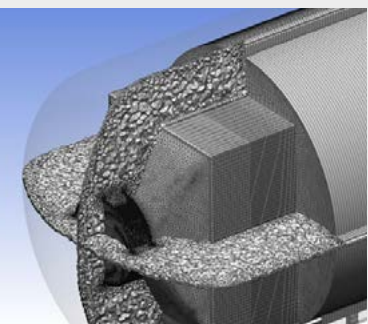
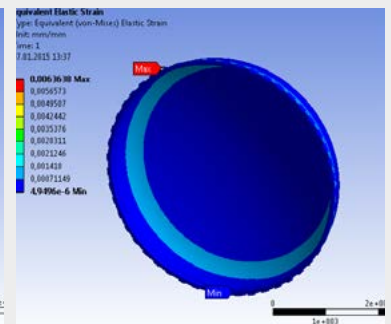
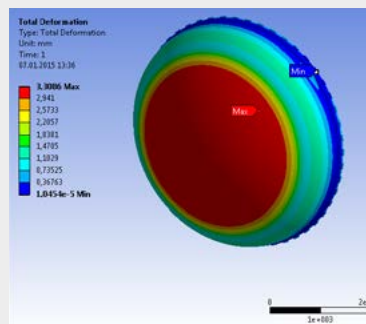
- AEROSPACE 
- DEFENCE 
- MOTORSPORTS 
- MARINE 

TECHNICAL FEATURES

- Full Compliance with Boeing, Airbus, NADCAP and AMS2750 Class-1 autoclave standards up to 400°C and 70 bar processing capabilities
- State-of-the-art manufacturing with experience in US & EU standards and internationally reputable EU origin hardware & software preferences
- Up to Ø6500 mm with customizable sizes and configuration according to customer requirements
- Heating, Cooling, Pressurization & Exhaust operations and dwell time can be controlled automatically with support by PID controls, proportional valves and trystor systems for precision
- Optimum air circulation and homogenous heat distribution ensured with ANSYS modelling and advanced process control
- Advanced reporting and monitoring features to analyze process, keep track of past operations, calibration and maintenance
- Turn-key project management solutions including: Cooling, Vacuum, Pressurization (Air and Nitrogen), Loading Systems
- 30+ years of Akarmak experience in autoclave manufacturing and hundreds of installations world-wide
- Internationally recognized certifications provided by reputable certification agencies
- Safety PLC, Interlocks and Alarm functions offering highest safety measures for all sub-systems
- Exceptional after-sales services for support and troubleshooting with quick response and remote access features



Safe Bayonet Door
Closure Systems



Highest safety standards

