



Beyond Manufacturing
**Your Strategic
Partner**



- OEM Standards
- Engineering Capability
- Custom Production Solutions

30+ YEARS OF
EXPERIENCE



About Us

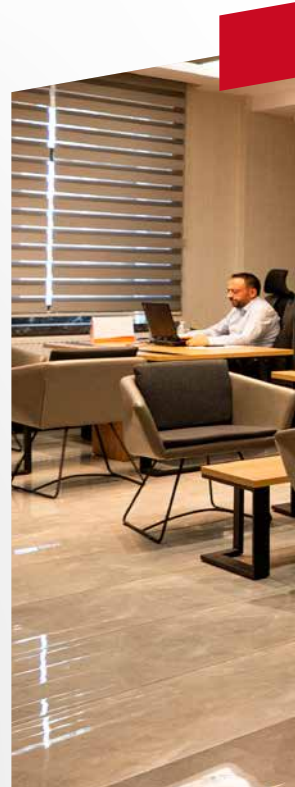
Founded in 1992, Kerimoglu Otomotiv has been a trusted solution partner in the industry for over 30 years with its main and sub-industry production activities serving various sectors such as automotive, agriculture, construction machinery, and machinery manufacturing.

Since its establishment, Kerimoglu has aimed to be a strategic business partner that creates value for customers, and today stands out in the industry with its ability to implement complex projects that require high engineering skills and R&D expertise in a reliable and high-quality manner.

Our Values and Approach

With our multidisciplinary engineering mindset, experienced team, strong organizational structure, and flexible production capabilities to meet international demands, we go far beyond being a manufacturer - positioning ourselves as a brand that develops solutions providing competitive advantage to our customers.

From the very first contact to after-sales technical support, we build long-term collaborations and trust-based relationships at every stage. We see customer feedback not only as an evaluation, but as a strategic opportunity for continuous improvement.



Quality and Sustainability

Driven by a strong quality culture shared by all our employees, we ensure consistent quality, on-time delivery, transparent communication, and sustainable service to our customers.

Today, Kerimoglu Otomotiv stands out not only with its production power but also with its innovative R&D culture, professional management approach, comprehensive sales and after-sales support, customer-oriented service mindset, and international vision—making it a strong corporate business partner that adds value across various industries.



Vision

To be a trusted global manufacturing and solution partner through our engineering strength and innovative approach.



Mission

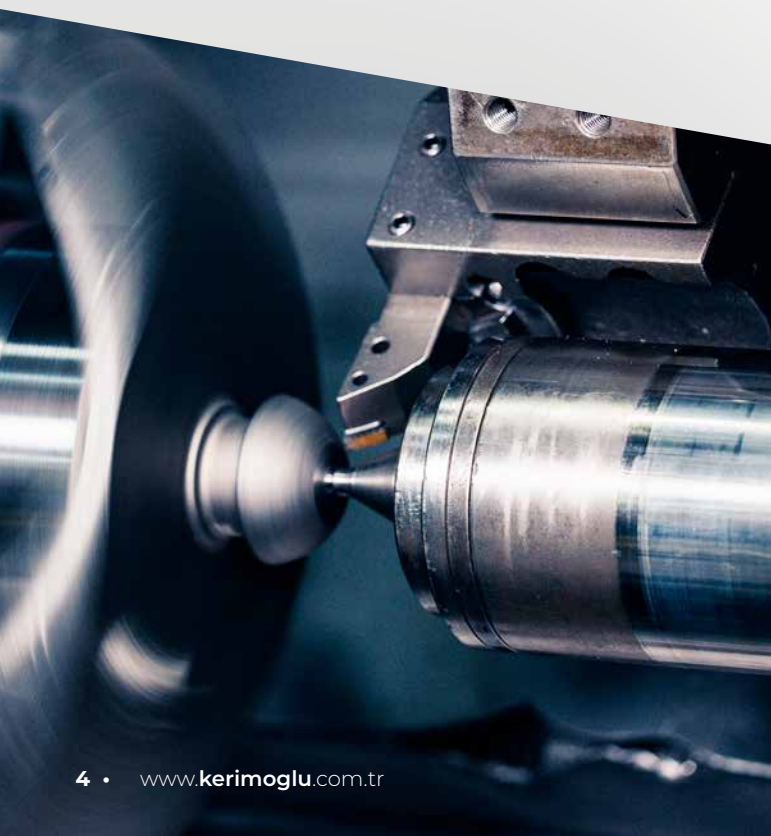
To build long-term partnerships by delivering quality and sustainable manufacturing that adds value to our customers.





CNC Machining Centers

Our vertical and horizontal CNC machining centers enable the precise production of components with diverse geometries and dimensions. The multi-axis configuration allows complex surfaces to be machined in a single setup, optimizing cycle times and ensuring consistent part quality. By combining advanced process planning with real-time monitoring, we achieve high precision, repeatability, and productivity across all production volumes. This capability ensures dimensional accuracy, superior surface finish, and process efficiency, even in complex and high-volume manufacturing projects.



CNC Turning

Our CNC turning centers, equipped with both automatic and manual bar feeding systems, ensure continuous production flow and high efficiency while minimizing human error in mass production processes.

Our setup is particularly suitable for the precision machining of small-diameter, long, and slender parts, allowing operation with minimal operator intervention and providing our customers with significant time and cost advantages.

Turning operations such as internal and external diameter machining, grooving, threading, and facing are performed on the same line through optimized processes.

Manufacturing Capabilities

Mechanical Machining

In our production line, complementary operations such as gear hobbing, threading, broaching, grinding, and milling are carried out in an integrated manner. These processes ensure high precision for critical components such as gears, shafts, pins, fasteners, and parts with special geometries.

All mechanical operations are coordinated with postproduction quality control and assembly processes, providing a comprehensive one-stop manufacturing solution.

Welding Operations

Welding MIG – Gas Metal Arc:

Using the MIG/MAG gas-shielded welding method, we achieve high-efficiency welding with consistent seam quality. The shielding gas system preserves the integrity of the material, ensuring strong and durable joints ideal for automotive and heavy industry applications.

Welding TIG – Argon:

The TIG (Argon) welding process is preferred for thin and precision components, providing excellent quality, leak-tightness, and aesthetic appearance. It delivers superior performance in the production of parts that require both mechanical strength and visual precision.

Assembly Line

Our system, equipped with process control points and functional test stages specifically designed for each product type, ensures high repeatability and full traceability in mass production. This structure represents one of the most critical elements of our quality management system, which operates with a strict “zero-defect” principle.

Our assembly lines, supported by dedicated equipment and integrated test stations, enable the delivery of components that are fully assembled and functionally tested. Through this capability, we provide our customers not only with components, but with ready-to-use, performance-verified products.



Production Planning System

Kerimoglu Otomotiv's production capability is founded on a modern machinery infrastructure supported by integrated planning and management systems. With ERP-based production planning, all stages - from raw material intake to final delivery - are monitored and controlled with full traceability, efficiency, and operational flexibility. This system ensures consistent quality and timely delivery, securing Kerimoglu's position as a reliable manufacturing partner for both customized projects and high-volume industrial production across multiple sectors.

At Kerimoglu Otomotiv, the production process begins with incoming material inspection. All materials are evaluated based on dimensional and quality criteria, and only approved items are transferred to the production area. During in-process stages, parts are checked at predefined control points to prevent potential defects from progressing through production. At the end of the process, products are packaged, labeled, and prepared for shipment according to customer requirements. This system ensures complete traceability and reliability throughout every order process.

Fully
Traceable and
Reliable
Production Process



Research & Development

Product Design and Development

Kerimoglu Otomotiv positions its R&D and engineering activities as a strategic structure that develops customized solutions for different industries. We carry out projects in compliance with sector-specific technical specifications, design and manufacture molds in-house when required, and actively involve our customers in the design and development process.

CAD / CAM Design and Modeling

In our CAD/CAM design and modelling, we utilize globally recognized software such as SolidWorks, hyperMILL, and SolidCAM. Through 3D modeling and assembly simulations, we analyze and evaluate product performance in a virtual environment before production.

Our CAM programs are optimized to generate fully compatible codes for our CNC machines, ensuring seamless integration between design and manufacturing. By developing optimal machining strategies and parameters for different material groups, we achieve both high precision and balance between cost and efficiency.

Prototype and Sample Production

The prototype and sample production process allows us to test the performance and reliability of parts developed specifically according to customer requirements.

- **Rapid Prototyping:** We ensure functional validation of products during the transition from design to production.
- **Customer-Focused Sample Preparation:** Samples produced in accordance with each sector's evaluated with customers prior to mass production.
- **Production Integration:** Feedback obtained from prototypes is directly integrated into the mass production process, achieving both time and cost efficiency.

This approach not only enables fast product validation, but also fosters a collaborative development culture with our customers.

Quality Management System

Every stage of our production is monitored in accordance with ISO 9001:2015 quality management principles and automotive industry-specific quality standards, ensuring not only the final product but the entire process is secured.

To ensure sustainable quality and full compliance with international standards, all our operations are carried out within the framework of certified management systems.

- ISO 9001:2015 – Quality Management System
- ISO 14001 – Environmental Management System
- ISO 45001 – Occupational Health and Safety Management System
- Trademark Registration Certificate

Incoming Quality Control

Raw materials and supplied parts undergo detailed measurements, certificate verification, and visual inspection prior to acceptance. Only approved materials proceed to production.



In-Process Quality Control

Measurements and tests are conducted at critical operation points. Using Process FMEA, Control Plans (CP), and Statistical Process Control (SPC) methods, process reliability is continuously ensured.



Final Quality Control

Finished products are subjected to dimensional measurements, functional tests, and visual inspections.

Depending on customer requirements, PPAP documentation and special test certificates are prepared.

Through this structure, we provide our customers not only with consistent quality and full traceability, but also with documentation fully compliant with international OEM and Tier-1 standards.

Traceability and Documentation

All our production processes are documented in full compliance with the ISO 9001:2015 Quality Management System requirements. Every stage - from raw material intake to final product - is tracked and recorded through lot numbers and product IDs. For each item, comprehensive product files are created, including technical drawings, process parameters, quality control results, and shipment details. Through ERP integration, records are securely stored in digital form, ensuring traceability, audit compliance, and full transparency for our customers.

Quality Management



Machinery & Equipment

Control At Every Step

Our extensive machinery park enables high efficiency and flexible solutions for a wide range of projects. This diversity allows us to meet varying dimensional, geometric, and tolerance requirements, effectively addressing the needs of multiple industries. Through regular maintenance and calibration programs, we ensure continuous operational performance, guaranteeing consistent quality and reliability.

PROCESS	MACHINE TYPE	BRAND / MODEL	CAPACITY	QTY
Machining and Turning	CNC Vertical Machining Center	VICTOR / V CENTER - P106	X1000 * Y500 * Z500	3
Machining and Turning	CNC Vertical Machining Center	VICTOR / V CENTER - P76	X750 * Y400 * Z400	1
Machining and Turning	CNC Vertical Machining Center	VICTOR / V CENTER - A110	X1000 * Y500 * Z500	1
Machining and Turning	CNC Vertical Machining Center	QUASER / MV204II/10	X1000 * Y500 * Z500	1
Machining and Turning	CNC Vertical Machining Center	ACCUWAY / UM110	X1000 * Y400 * Z450	1
Machining and Turning	CNC Vertical Machining Center	FANUC / Robodrill	X700 * Y400 * Z330	1
Machining and Turning	CNC Horizontal Machining Center	ENSHU / GE580He	X800 * Y800 * Z800	1
Machining and Turning	CNC Horizontal Machining Center	VICTOR / V CENTER - NH5000	X800 * Y700 * Z800	1
Machining and Turning	CNC Lathe	VICTOR / V-TURN-26 110	Max. Ø250 * L1000	2
Machining and Turning	CNC Lathe	VICTOR / V-TURN-26 60	Max. Ø250 * L600	2
Machining and Turning	CNC Lathe	ACCUWAY / UT300	Max. Ø250 * L700	1
Machining and Turning	CNC Lathe	VICTOR / V-TURN 20	Max. Ø200 * L500	3
Machining and Turning	CNC Lathe	ACCUWAY / UT200	Max. Ø200 * L550	1
Machining and Turning	CNC Lathe	VICTOR / 20 PLUS	Max. Ø200 * L250	1
Machining and Turning	CNC Lathe	MAZAK / QUICK10	Max. Ø150 * L280	1
Machining and Turning	CNC Lathe	SAMSUNG / SMEC PL 1600G	Max. Ø50 * L150 (Automatic Bar Feeder)	1
Machining and Turning	CNC Lathe (C-Y)	LER / TCY200	Max. Ø250 * Y±50 * L600	1
Machining and Turning	CNC Lathe (C-Y)	TSUGAMI / M08SYE	Ø280 * L450 (Automatic Bar Feeder)	1
Machining and Turning	CNC Lathe	ProSeiki / HCP-42	Max. Ø50 * L150 (Automatic Bar Feeder)	1
Machining and Turning	CNC Lathe	ROVELVER	Max. Ø30 (Automatic Bar Feeder)	2
Machining and Turning	Universal Lathe	TESSAN / SN50	Max. Ø200 * X500 * L2000	1
Machining and Turning	Universal Lathe	TOS / TRENCIN SN 50 B	Max. Ø200 * X500 * L1100	1
Machining and Turning	Universal Drill Press	YARAR	-	5
Machining and Turning	Universal Milling Machine	TOS / FR3	-	1
Machining and Turning	Gear Hobbing Machine	BARBER-COLMAN	HORIZONTAL – 3 MODULE	1
Machining and Turning	Gear Hobbing Machine	PFAUTER	HORIZONTAL – 3 MODULE	1
Machining and Turning	Gear Hobbing Machine	WMW	VERTICAL – 3 MODULE	1
Machining and Turning	Gear Hobbing Machine	WMW	NC VERTICAL - 5 MODULE	1
Machining and Turning	Gear Shaping Machine (Fellows Type)	LORENZ	VERTICAL - 4 MODULE	1
Machining and Turning	Broaching Machine	HORIZONTAL / MATRIX	L1200	1
Cutting and Forming	Thread Rolling Machine	WMW	MAX. 12,50 TONS	2
Cutting and Forming	CNC Circular Saw Machine	GELISIM -GL75	Ø10 - Ø75	1
Cutting and Forming	CNC Circular Saw Machine	GELISIM -GL150	Ø60 - Ø150	1
Cutting and Forming	Band Saw Machine	KESMAK	MAX. Ø250	2
Cutting and Forming	Hydraulic Press	CIHAN	DOUBLE ACTION *125 TONS	1
Cutting and Forming	Hydraulic Press	HIDROKAR	MAX. 26 TONS	1
Cutting and Forming	Hydraulic Press	HIDROKAR	MAX. 30 TONS	1
Surface Treatment and Final Operations	Grinding Machine	MULTIMAT / CENTERLESS GRINDING	Ø3 ~ Ø90	1
Surface Treatment and Final Operations	Grinding Machine	SCHAUDT / CYLINDRICAL GRINDING	Ø300 * L1000	1
Surface Treatment and Final Operations	Grinding Machine	SCHAUDT / CYLINDRICAL GRINDING - A401N	Ø300 * L1500	1
Surface Treatment and Final Operations	Deburring Machine	EASY/ELMASONIC	Ø300 Max.10Kg.	1
Surface Treatment and Final Operations	Ultrasonic Cleaning Machine	ULTRASONIC CLEANING MACHINE	10L.	1
Surface Treatment and Final Operations	Laser Marking Machine	LazerX	200x200 * Max.50Kg.	1

Confidence in Every Product

Our measurement and testing equipment used in quality control processes are managed under a regular calibration program to ensure high precision and reliability. Through these systems, we verify the dimensional accuracy, material properties, and surface quality of our products in accordance with international standards and customer requirements.

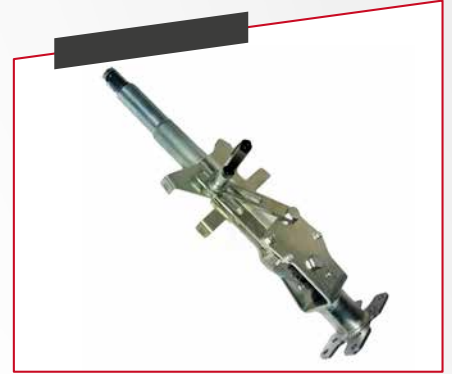
Quality Control Equipment



EQUIPMENT	FUNCTION
3D CMM – WENZEL LH87 – PH20 Motorize PRO	Equipped with the 5-axis PH20 motorized probe head, the Wenzel LH87 CMM ensures high speed, flexible accessibility, and exceptional repeatability in three-dimensional measurement processes. This advanced technology delivers accuracy and reliability in accordance with international standards for both prototype and serial production parts, even with complex geometries.
3D CMM – WENZEL LH87 – PH10	Our Wenzel LH87 CMM systems feature both PH10 and PH20 probe technologies, combining the stability and repeatability of the PH10 with the five-axis speed and flexibility of the PH20. This versatility ensures exceptional accuracy and reliability across diverse part geometries, delivering precise measurement results from prototype development to mass production.
Brinell Hardness Tester / BH-3000B	The BH-3000B Brinell hardness tester measures the mechanical strength of large cross-section parts with precision, ensuring consistency and accuracy in hardness values during production.
Rockwell Hardness Testing Machine / HR-530-530L	The HR-530 Rockwell hardness testing machine provides fast and reliable hardness measurements for various materials, ensuring compliance with international standards.
Mikro Vickers Hardness Tester / HM-200A	With the HM-200A device, microhardness values of thin coatings and small samples are measured with high precision, enabling accurate monitoring of heat treatment quality.
Metallurgical Microscope	The metallurgical microscope is used to analyze structural changes in materials after heat treatment and surface hardening, forming an essential part of our process optimization and quality assurance activities.
Surface Roughness Tester / Surftest	The Surftest surface roughness tester evaluates the surface texture of machined parts, confirming that surface quality meets international and customer-specific standards.
Metallographic Cutting Machine // IMPRO PROCUT-UM	The IMPRO PROCUT-UM cutting device, used for metallographic testing, enables the preparation of samples and ensures precise cross-sections for accurate analysis.
Hot Mounting Press Machine / IMPRO H007	During the sample preparation process, the IMPRO H007 Bakelite hot mounting press is used to mount samples securely for consistent and reliable testing results.
Polishing Machines	In the polishing stage, the PMV009 device provides smooth and reflective sample surfaces for microscopic analysis and precise inspection results.
Crack Detection Device / Karl Deutsch	The Karl Deutsch crack detection device uses magnetic particle and penetrant testing methods to identify surface cracks and defects, ensuring safety in critical applications.
Post-Assembly Hydraulic Test System / PLS	Products leaving the production line is functionally tested using the PLS post-assembly hydraulic test system. This process ensures that assembly-related faults or potential leakages are detected before leaving the production area, enabling zero-defect delivery to our customers.
Braking Systems Test Device / PLS	The PLS hydraulic test device, specifically designed for brake systems, performs durability and performance tests under high pressure, ensuring that all brake components fully comply with safety standards.
Horizontal Runout Measurement Device	The runout control device, used to enhance part precision, plays a critical role in detecting concentricity and axis deviations. This equipment ensures that components are consistently manufactured within quality standards throughout the production process.
Other Manual Measuring Instruments (Surface Plates, Height Gages, Gauges, Micrometers, Calipers, Dial Indicators, etc.)	Various manual instruments such as surface plates, height gauges, micrometers, calipers, and dial indicators are used in our workshop to ensure precise measurement and continuous quality monitoring throughout production.

Product Categories

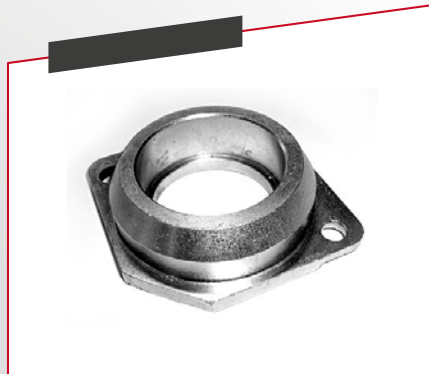
Steering Systems



Assembled / Complete Products



Forged / Cast Products



Pulley / Sheave Group



OEM - Standard Manufacturing

Pins / Bushings / Bearings



Nuts / Bolts / Fittings



Shafts / Gears / Couplings



Custom Production / Others



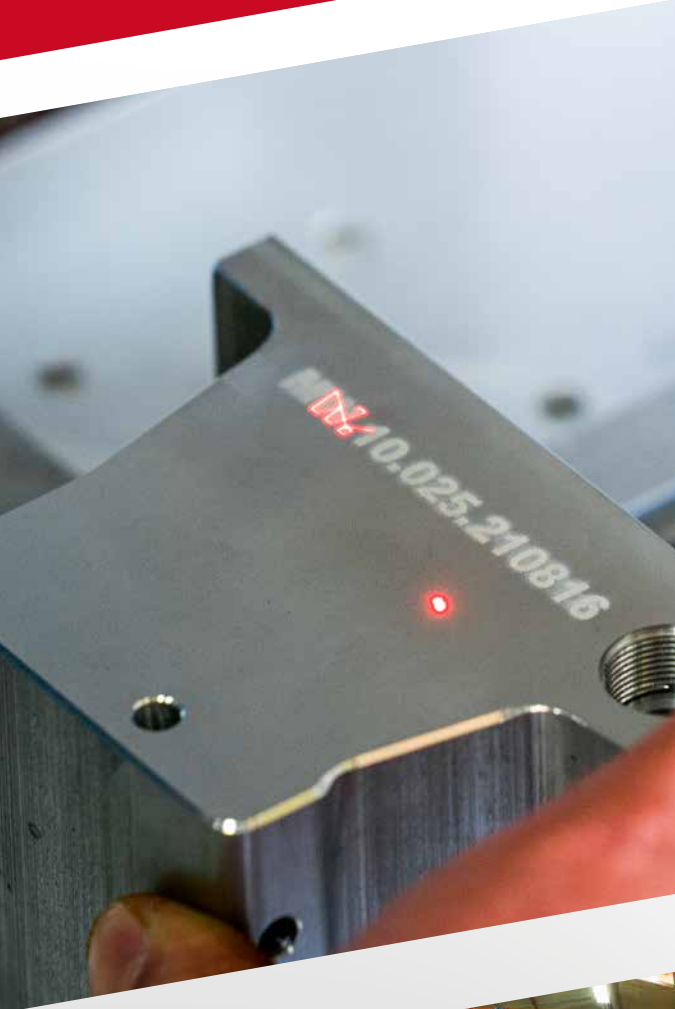
Supply Chain and Logistics

Warehouse and Inventory Management

We manage the entire flow of our products - from raw material intake to final shipment - through ERP integration and modern warehouse management systems. Thanks to our detailed product data sheets and traceability system, each item can be tracked along with its technical specifications and quality records. This structure ensures the right product reaches the right destination at the right time.

Packaging and Shipping

Our products are packaged in accordance with international packaging standards to meet customer and market requirements. Each part is labeled and barcoded according to customer specifications, and processes are carried out in compliance with relevant market norms. Packaged products are transferred to the shipping area for secure storage, real-time tracking, and timely loading preparation. This system ensures that all products are delivered to both domestic and international customers complete and on time.



References

Stronger Together

We prove our quality through trusted collaborations. Our strong partnerships are reflected in distinguished references. We work with leading brands that trust our quality and share some of our most important collaborations with you.





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