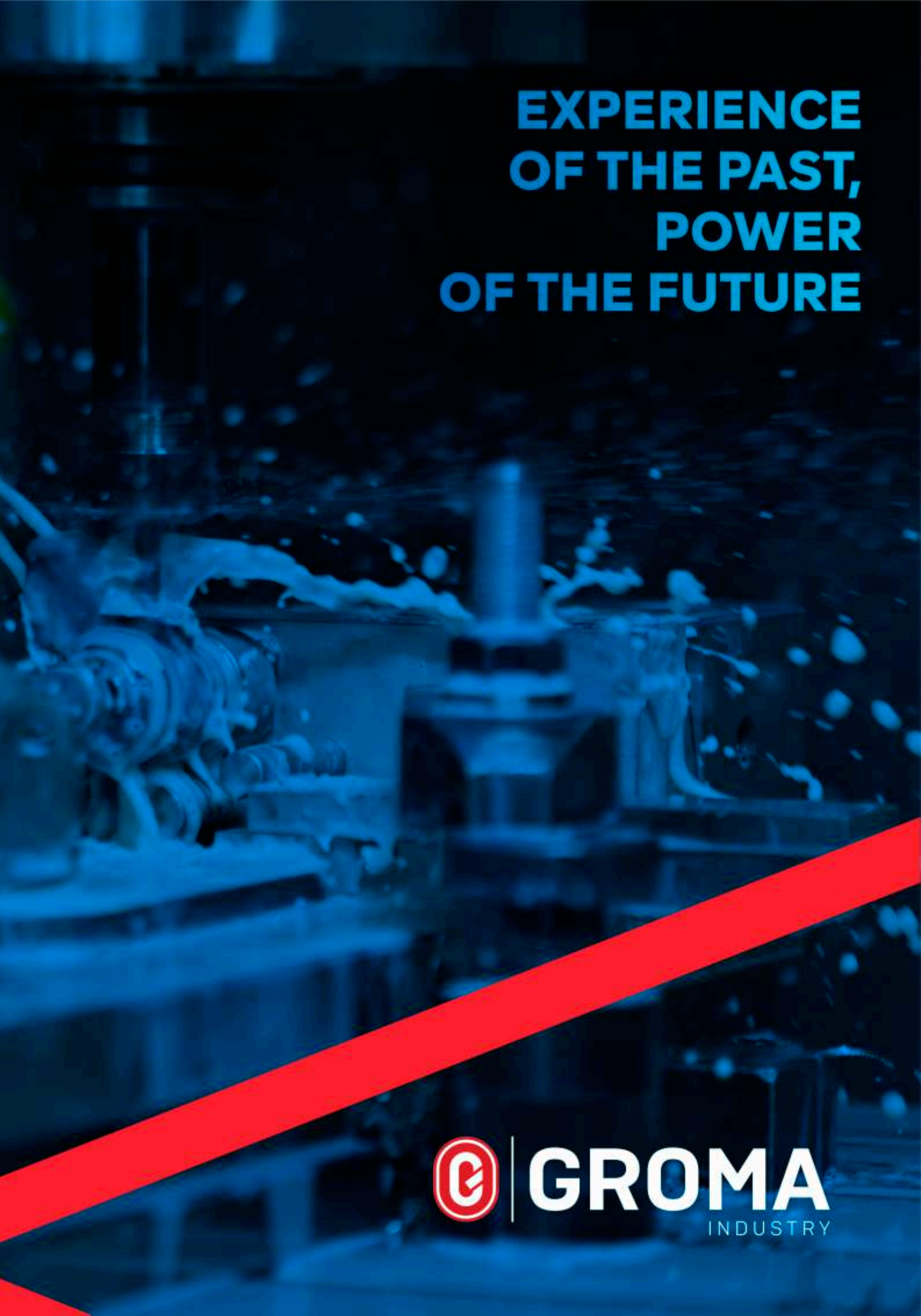

EXPERIENCE
OF THE PAST,
POWER
OF THE FUTURE
GROMA
INDUSTRY

GROMA INDUSTRY

GROMA INDUSTRY was established in 2022 under the umbrella of NAHİTA Holding and has quickly gained a strong position in the industry. Specializing in OEM assembly line products, our company provides high-quality solutions to some of Europe's leading manufacturers.

We manufacture components for the construction equipment, automotive, machinery, and tractor industries.

With our strong engineering infrastructure, modern production facilities, and commitment to quality, we deliver customer-oriented and efficient manufacturing processes that contribute to the development of the industry.

our VISION

At GROMA INDUSTRY, we aim to be a pioneering and globally competitive manufacturer in our industry.

Our priority is to develop innovative solutions and offer high-quality and efficient manufacturing processes that exceed customer expectations.

Through technological investments and engineering expertise, we continuously enhance our production processes, providing high precision and efficiency. With a focus on digitalization, sustainability, and innovation, we strive to become a strong and reliable brand in both local and international markets.

With our long-term investments, we will continue to be a leading company shaping the future of the industry through technology and engineering.

our MISSION

At GROMA INDUSTRY, we embrace Industry 4.0 applications and a continuously evolving production approach.

With our advanced technology, qualified manufacturing processes, strong R&D, and experienced management team, we offer innovative and reliable solutions to our customers.

We continuously invest in hardware and software to quickly adapt to the dynamic demands of the industry. By utilizing automation, data analytics, and smart production systems, we help our customers achieve efficiency, quality, and sustainability goals.

With our modern production technologies and ever-developing engineering capabilities, we aim to be a globally competitive manufacturer. By prioritizing customer satisfaction, we will continue to be a trusted supplier and strategic solution partner for leading manufacturers worldwide.

Product - **Range**

GROMA INDUSTRY provides a diverse range of products for the construction equipment, automotive, machinery, and tractor industries.

- **Construction Equipment Components – Hydraulic components, fasteners, gear and shaft systems**
- **Automotive Components – Engine parts, chassis components, suspension systems**
- **Machinery Industry Components – Bearings, shafts, and customized fasteners**
- **Tractor & Agricultural Equipment Components Power transmission systems, axle components, transmission parts**
- **Materials used: Metal, aluminum, chrome, copper, and their derivatives**

GROMA INDUSTRY

Our Product - **Processes**

At GROMA INDUSTRY, we utilize advanced manufacturing techniques and precision machining capabilities to provide high-quality solutions to our customers.

- **Hot Forging & Casting – Manufacturing of high-strength and durable components**
- **Cutting & Preprocessing – CNC laser cutting and precision shaping**
- **CNC Machining – High-precision machining for complex geometries**
- **Heat Treatment & Hardening – Enhancing mechanical strength, induction surface hardening**
- **Precision CNC Grinding – Ultra-precision surface finishing and dimensional accuracy**
- **Marking & Identification – Laser and mechanical marking for traceability**
- **Painting & Coating – Corrosion-resistant surface treatments**

GROMA INDUSTRY

Hot Forging Capabilities

At GROMA INDUSTRY, we offer hot forging solutions for components ranging from 0.5 kg to 45 kg in weight through our network of reliable and qualified subcontractors. Collaborating with industry-expert partners, we supply high-strength, dimensionally precise forged parts that meet demanding technical specifications.

Our subcontracted forging processes include:

- ➤ High-tonnage press operations
- ➤ Furnaces ensuring uniform heat distribution
- ➤ Production integrated with certified quality management systems
- ➤ Controlled forging techniques enhancing material structure and mechanical properties

All forging activities are strictly monitored through our subcontractor management system and supported by robust quality assurance procedures at every stage.

Following the forging process, GROMA INDUSTRY, completes all necessary post-processing operations—including heat treatment, precision machining, and surface coating—within our own facilities. This enables us to deliver finished components ready for end-use applications across industries such as construction equipment, automotive, agriculture, and industrial machinery.

Metal Casting Capabilities

At GROMA INDUSTRY, we supply high-quality metal casting components through our network of certified and experienced subcontractors.
We offer casting solutions tailored to a wide range of industrial applications, providing parts that meet strict dimensional tolerances and mechanical performance requirements.

Our subcontracted casting capabilities include:

- ➤ Sand casting, gravity casting, and investment casting processes
- ➤ Ferrous and non-ferrous alloy casting (including steel, iron, aluminum, bronze)
- ➤ Mold design and simulation support
- ➤ Dimensional accuracy and repeatability for both prototype and serial production

Each casting operation is carried out under our close supervision and strict quality protocols. We ensure that all subcontracted processes are aligned with international standards and customer-specific technical requirements.

Post-casting operations such as heat treatment, CNC machining, surface finishing, and coating are performed in-house at GROMA INDUSTRY, ensuring full process control and seamless product traceability.
This integrated approach enables us to deliver ready-to-assemble components for sectors including construction equipment, automotive, agriculture, and general industry.

CNC Machining

High-precision machining for complex geometries

At GROMA INDUSTRY, we offer high-precision CNC machining services as part of our integrated manufacturing process. Utilizing a modern fleet of CNC turning and milling machines, we are capable of producing complex geometries with tight tolerances across a wide range of materials and part sizes.

Our in-house CNC machining capabilities include:

- ➤ 3-, 4-, and 5-axis CNC milling and turning operations
- ➤ Machining of cast, forged, or raw material parts
- ➤ Tolerances down to ±0.001 mm depending on part geometry and material
- ➤ Advanced CAD/CAM integration for design-to-production efficiency
- ➤ In-process and final dimensional inspections with CMM and precision measurement tools

With a focus on productivity, repeatability, and quality, our machining department plays a critical role in delivering ready-to-assemble components that meet exacting customer specifications.

Our machining operations are aligned with ISO 9001 and ISO 14001 quality systems and supported by continuous process improvement, tool management, and production traceability.

These capabilities allow GROMA INDUSTRY to serve key sectors such as construction machinery, agriculture, automotive, and industrial equipment with confidence and consistency.

GROMA INDUSTRY

Heat Treatment & Hardening

Enhancing mechanical strength, induction surface hardening

GROMA INDUSTRY, offers a wide range of heat treatment and surface hardening processes through its network of certified and highly experienced subcontractors.

These treatments are essential to achieving the required mechanical properties, wear resistance, and surface durability for high-performance components.

Our heat treatment capabilities include:

- ➤ Induction hardening for localized surface hardness and fatigue resistance
- ➤ Gas and salt bath nitrocarburizing for improved wear and corrosion resistance
- ➤ Carburizing and quenching for deep case hardening
- ➤ Tempering, annealing, and stress relieving based on material and design requirements

Each heat treatment process is carried out under strict technical supervision and verified through hardness testing, case depth measurement, and metallographic analysis as required by customer specifications.Following these operations, all parts are returned to GROMA INDUSTRY for final machining, surface finishing, and quality assurance. This process integration ensures end-to-end traceability, dimensional accuracy, and mechanical consistency for applications in construction machinery, automotive, agricultural, and general engineering industries.

Precision CNC Grinding

Ultra-precision surface finishing and dimensional accuracy

GROMA INDUSTRY, offers high-precision CNC grinding services as a critical part of its machining and finishing capabilities. These processes are essential for achieving fine surface finishes, tight tolerances, and geometrical accuracy in demanding applications.

Our grinding capabilities include:

- ➤ CNC cylindrical grinding (internal and external)
- ➤ Surface grinding for flatness and parallelism control
- ➤ Centerless grinding for high-volume and concentric parts
- ➤ Profile and form grinding for complex shapes and contours
- ➤ Tolerances achievable: down to ±0.001 mm
- ➤ Surface finish up to Ra 0.2 µm depending on material and geometry

All grinding operations are conducted under controlled conditions, with process stability ensured through precision tooling, dressing systems, and temperature management. Every component is subjected to in-process and final quality checks including roundness, cylindricity, and roughness measurements.

By integrating CNC grinding into our production process, GROMA INDUSTRY delivers components that meet the most stringent specifications of industries such as construction equipment, power transmission systems, hydraulics, and heavy-duty gear mechanisms.

Painting & Coating

Corrosion-resistant surface treatments

At GROMA INDUSTRY, we offer a wide range of surface treatment and coating solutions, carried out through our trusted and certified subcontractors.
These processes are designed to enhance corrosion resistance, surface durability, appearance, and tribological performance of components across demanding industrial applications.

Our coating and surface treatment capabilities include:

- Zinc plating (electro-galvanizing) for corrosion protection
- Alkaline nickel plating for uniform thickness and wear resistance
- Manganese phosphate coating for improved oil retention and friction control
- Anodizing (eloxal) for aluminum components with enhanced surface hardness and aesthetic finish
- Molykote® 3400A anti-friction coating, offering dry lubrication and long-term wear resistance
- Optional passivation, chromating, and topcoat sealing based on customer specifications

All processes are performed in compliance with international standards (e.g., ISO 2081, ISO 4042, ISO 9717), and final coatings are validated through thickness testing, adhesion testing, salt spray testing, and visual inspection.
Our surface treatment services are fully integrated into our production flow, ensuring functional reliability and aesthetic quality for components used in construction machinery, automotive systems, electric motor housings, and heavy-duty mechanical assemblies.

GROMA INDUSTRY

Marking & Identification

Laser and mechanical marking for traceability

At GROMA INDUSTRY, we implement rigorous marking and traceability processes to ensure full product accountability and compliance with industry standards. Our marking solutions provide clear identification and documentation for every component, from raw material through to final assembly, facilitating seamless quality control and operational transparency.

Our marking and traceability capabilities include:

- Laser marking for permanent identification on a wide range of materials (steel, aluminum, plastic)
- Dot peen marking for high precision and durability in heavy-duty applications
- Barcode and QR code printing for easy inventory management and traceability
- Unique serial numbers to track part history and lifecycle
- Material traceability, with complete records from raw material batches to final product delivery
- Integration with ERP systems to maintain real-time traceability data and facilitate reporting

Every product undergoes thorough documentation during each phase of production, ensuring that all relevant manufacturing data (e.g., heat treatment, machining, coating) is captured and stored. Our traceability system allows us to provide a complete history for every component, offering transparency and full compliance with ISO standards and customer-specific requirements.

Assembly & Storage

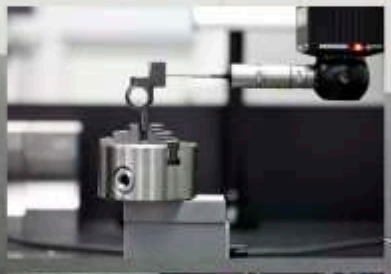
Assembly, Storage & Kanban-Based Process Management At GROMA INDUSTRY, we provide value-added services such as component assembly, organized storage, and lean-based process control systems to support seamless supply chain operations and just-in-time (JIT) deliveries.

Our capabilities in this area include:

- ➤ Assembly operations for subcomponents and customer-specific kits
- ➤ Visual and torque-controlled assembly stations for process reliability
- ➤ Custom packaging and labeling according to customer logistics requirements
- ➤ Designated storage areas for raw materials, in-process parts, and finished goods
- ➤ Climate-controlled storage options for sensitive or treated components
- ➤ Kanban system integration for demand-driven material flow and inventory management
- ➤ FIFO and batch-based tracking for warehouse accuracy and traceability

Our internal logistics and production planning teams work with Kanban principles to reduce lead times, eliminate waste, and maintain consistent product availability. This approach supports both low-volume and high-volume production environments and ensures reliable and traceable material flow from machining to final shipment.

With these systems in place, GROMA INDUSTRY offers its customers flexible, organized, and on-time delivery performance across a wide range of industry demands.



Quality Assurance & Certifications

At GROMA INDUSTRY, quality is at the core of every process.
Our quality assurance approach is built on precise measurement technologies, strict control procedures, and internationally recognized certifications.
We maintain a well-equipped quality control laboratory to verify dimensional accuracy, material compliance, surface condition, and mechanical properties at every stage of production.

Our quality control equipment includes:

- ➤Coordinate Measuring Machine (CMM)
- ➤Profile projector and 2D/3D measuring systems
- ➤Surface roughness testers
- ➤Hardness testers (Rockwell, Brinell, Vickers)
- ➤Height gauges and digital micrometers
- ➤Salt spray test chamber
- ➤Magnetic crack detection systems (NDT)
- ➤Material spectrometer and metallographic microscope

Our certifications:

- ➤ISO 9001:2015 – Quality Management System
- ➤ISO 14001:2015 – Environmental Management
- ➤ISO 45001:2018 – Occupational Health & Safety
- ➤ISO/IEC 27001:2022 – Information Security Management
- ➤IATF 16949 – Automotive Quality Management (under development, targeted for 2025 accreditation)

All processes are documented and traceable through our ERP-based quality management system.
Regular internal audits, process validations, and customer-specific inspections ensure continuous improvement and full compliance with international and industry-specific standards.

REFERENCES & PARTNERSHIPS

GROMA INDUSTRY collaborates with globally recognized industry leaders, providing high-precision and reliable manufacturing solutions.

- ➤ JCB – Construction equipment and machinery manufacturer
- ➤ ATLAS COPCO – Industrial machinery and compressor systems manufacturer
- ➤ SDF Tractor – Tractor and agricultural machinery manufacturer
- ➤ Volt Electric Motors – Electric motors and energy solutions manufacturer
- ➤ Ege Fren – Automotive and industrial braking systems manufacturer.

GROMA INDUSTRY continues to be a trusted solution partner in the global market with a customer-focused approach and commitment to quality-driven manufacturing.

JCB

Atlas Copco

MECALAC

SDF
Farming Technology. Since 1927.

Volt
WEG Group

MERITOR®

EF Ege Fren

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