



INTELLIGENT SUPPLIES
AND DYNAMIC
SUPPLY CHAIN:
THE STRATEGIC
PARTNER FOR
SPECIAL ALLOYS

YOUR
SPECIAL
ALLOYS
PARTNER



SPECIAL ALLOYS, A CONSTANT SINCE 1889

For over a century, **Chun & Vollerin** has been a global reference for the **supply and processing of nickel alloys, duplex, superduplex, and copper alloys**, essential materials for the most demanding industrial sectors. Thanks to **strategic and reactive supply chain management**, Chun & Vollerin ensures **operational stability** and **cost optimization** for its customers.



Over 80.000 tons
of materials supplied



An international network
of certified steel mills and producers to ensure controlled materials and constant availability



Tailored logistics and predictive supply management
to minimize production downtime risks

Chun & Vollerin is not merely a supplier of materials, but a **strategic partner** for companies operating in highly competitive and complex environments. Through a consolidated infrastructure and the integration of advanced technologies, it offers solutions that **go beyond simple distribution**, optimizing supply chain flows and ensuring maximum reliability at every stage of the process.

AVOIDING PRODUCTION INTERRUPTIONS: THE CHUN & VOLLERIN METHOD

In the current industrial context, **supply chain management is an increasingly complex challenge**. Market volatility, production downtime risks, and the need for optimal financial efficiency require precise and **predictive procurement strategies**.

To address these challenges, it is no longer sufficient to react: a **targeted approach** is needed that ensures operational continuity, stability in supply, and resource optimization.

Chun & Vollerin makes the supply chain a strategic asset, thanks to:

- » **A global network of selected suppliers**, ensuring immediate access to essential materials.
- » **A predictive system based on artificial intelligence**, which anticipates procurement needs and optimizes purchasing decisions.
- » **A customized warehouse and just-in-time management**, to minimize waste and maximize operational efficiency.

COMPONENTS DESIGNED TO WITHSTAND THE MOST CRITICAL CHALLENGES

<p>Barre</p>  <p>Bars</p> <p>20_{mm} 300_{mm}</p>	<p>Lamiere / Fogli</p>  <p>Sheets / Plates</p> <p>0,8_{mm} 60_{mm}</p>	<p>Nastri / Bobine</p>  <p>Stripes / Coils</p> <p>0,8_{mm} 1,6_{mm}</p>	<p>Tubi</p>  <p>Tubes / Pipes</p> <p>4_{mm} 475_{mm}</p>
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 625	 718 - AMS 5662 + 5663	 718 - API 6 A	 825	 C - 22	 C - 276	 X
 800 H	 600	 601	 CUNi 90/10	 CUNi 70/30	 400	 K - 500
 F51	 F53	 F55	 F44	 330	 17 - 4PH H1150D	 80 A

 High Temperature Resistance

 Resistance to Corrosion

 Enhanced Mechanical Properties

Chun & Vollerin supplies and processes special alloys for highly complex sectors, offering materials capable of withstanding **extreme conditions** where reliability and performance are essential.

AEROSPACE

Certified for structural and critical components, capable of withstanding mechanical and thermal stress.

POWER GENERATION

Advanced materials engineered for turbines, heat exchangers, and energy infrastructure applications.

PHARMA

Alloys engineered to meet the most rigorous safety standards for sterile environments and critical process applications.

SHIP BUILDING

High-durability alloys for shipbuilding structures and components designed for service in marine environments.

OFFSHORE

Certified special alloys for components designed for service in aggressive environments.

OIL & GAS

Design solutions developed to guarantee corrosion resistance, withstand high-pressure conditions, and operate reliably under extreme thermal stress.

MOTORSPORT

High-strength and low-density materials engineered to enhance velocity and ensure operational safety.

PETROLCHEMICAL

Parts and materials specifically designed to provide mechanical integrity and corrosion resistance under high-temperature conditions.

HEAT TREATMENT

Design solutions developed to guarantee mechanical performance and structural integrity under extreme temperature conditions.

INDUSTRIAL-GRADE COMPONENTS AND MATERIALS FOR COMPLEX PROCESSING FACILITIES

Chun & Vollerin partners with leading global companies in the **supply of industrial plants and components for strategic sectors.**

Among the available solutions:

- » **Drawing and winding plants for copper and aluminum wires**
- » **Welding machines for non-ferrous and steel wires and cables**
- » **Measuring instrumentation for the wire and cable industry**
- » **Tubes in copper-nickel alloys, aluminum bronze, and admiralty brass for heat exchangers**
- » **Copper-nickel fittings for offshore platforms, shipbuilding, and fire-fighting systems**
- » **Heavy metals, such as tungsten, for high-performance tooling**

This expertise enables Chun & Vollerin to guarantee strategic supplies for industries operating in complex and highly regulated environments.



OUR PARTNERS



ADVANCED TECHNOLOGY: OUR HD 40 KW FIBER LASER

Chun & Vollerin stands out as one of the first companies in Europe, and the only one in Italy, to strategically adopt the **HD 40 kW Fiber Laser**, a groundbreaking technology that is redefining the standards of metalworking. This is not merely about owning a cutting-edge machine, but about fully understanding and harnessing its potential to **optimize production processes**.

Thanks to advanced system integration and specialized technical expertise, Chun & Vollerin **performs faster, more precise, and more efficient operations**, delivering superior results even on **complex and thick materials**.

Key Capabilities:

- » High-precision cutting **up to 80 mm** thickness
- » Large-format **working table: 3.000 x 10.000 mm**
- » **Reduced kerf** and **minimized work hardening**, preserving metallurgical properties

WHY DOES THE HD 40 KW FIBER LASER MAKE THE DIFFERENCE?

- ✓ **Faster and more accurate processing** » Optimized workflows to reduce cycle times and maximize productivity.
- ✓ **Uncompromising quality** » Clean cutting, precise orthogonality, and sharply defined edges, even on challenging or advanced materials.
- ✓ **Improved process efficiency and minimized material waste** » Enhanced yield and reduced scrap contribute to lower manufacturing costs.
- ✓ **Applications in strategic industries** » Chun & Vollerin's technology is perfectly suited for sectors where metallurgical precision and operational reliability are critical requirements.



NOT ONLY MATERIALS: STRATEGIC PLANNING AND MANAGEMENT

Relying on Chun & Vollerin means turning every logistical challenge into a growth opportunity. Through an integrated approach and advanced solutions, we ensure operational continuity and maximum efficiency.

- » **Proactive inventory management**
Predictive systems prevent shortages and delays by optimizing procurement and order cycles.
- » **Rapid material supply**
If a material is unavailable, our global network of certified suppliers ensures timely replenishment without compromising quality.
- » **Third-party warehousing and optimized logistics**
We eliminate capital lock-up and reduce storage costs by managing stock levels and delivery schedules aligned with production needs.
- » **Precision machining with advanced technologies**
HD 40 kW Fiber Laser cutting and other innovative processes for custom components, waste reduction, and maximum production efficiency.
- » **End-to-end supply chain supervision**
From sourcing to delivery, every phase is managed with strict standards to ensure stability and performance.

SMART BUY: A SMARTER APPROACH TO SUPPLY CHAIN OPTIMIZATION

Relying on traditional suppliers is no longer enough. With price fluctuations, delays, and raw material shortages, managing the supply chain has become increasingly complex. **SMART BUY** is Chun & Vollerin's answer: **an AI-driven system that transforms data into tangible advantages.**

- ✓ **INTELLIGENT PURCHASING FORECASTS**
Analyzes historical data, demand, and market trends to indicate exactly **when and how much to order.**
- ✓ **NO MORE STOCKOUTS**
Drastically reduces the risk of production stoppages by ensuring **continuous material availability.**
- ✓ **COST AND INVENTORY OPTIMIZATION**
Minimizes waste and capital lock-up, guaranteeing an optimal balance between requirements and availability.
- ✓ **STRATEGIC WAREHOUSE MANAGEMENT**
Through **third-party logistics**, it handles material handling and storage, reducing operational burdens.
- ✓ **DYNAMIC MARKET ADAPTATION**
Always purchases at the best possible price, avoiding sudden cost increases.

Chun & Vollerin's strategic approach to supply management translates into measurable results that make a real difference for companies:

**-95% OUT-OF-STOCK
EVENTS**

Thanks to predictive inventory management, critical materials are always available, preventing machine downtime and delays.

**+60% EFFICIENCY
IN SUPPLY DELIVERY**

The SMART BUY system enables waste reduction, improved inventory management, and ensures that every component arrives exactly when needed, without unnecessarily tying up capital.

These results are not just figures, they represent tangible advantages that enable our clients to operate with greater confidence, reducing risks and improving profitability.

LOGISTICS, SHIPPING, AND CUSTOMS MANAGEMENT: A COMPREHENSIVE SERVICE

CERTIFIED AND CUSTOM PACKAGING

All packaging materials comply with **ISPM 15 FAO** regulations, preventing customs issues and ensuring shipment safety. Packaging solutions are optimized to reduce waste and transportation costs.

INSURED SHIPMENTS

Chun & Vollerin manages direct deliveries with a fast and efficient service, ensuring maximum reliability in delivery times. Every shipment **is fully insured**, covering the total product value in case of damage or loss.

SIMPLIFIED CUSTOMS MANAGEMENT

Thanks to an integrated system, Chun & Vollerin ensures fast and efficient customs procedures:

- » Immediate export declarations and **MRN identification**
- » **No waiting times** for goods dispatch
- » Instant certification for **Exit Visa**
- » **Reduced risk of penalties** through compliant procedures
- » **Dedicated support** for hassle-free customs handling



CERTIFICATIONS, ETHICS, AND SAFETY: GUARANTEES FOR EVERY INDUSTRY

Operating in critical environments requires real guarantees. Chun & Vollerin adopts the most **stringent standards for traceability** and full **compliance with technical specifications**.

RIGOROUS TESTING AND INSPECTION

Every material is inspected, certified, and fully traceable throughout the entire supply chain.

NO SURPRISES, JUST RESULTS

Optimized processes to reduce waste, delays, and unexpected costs.

ETHICS

We believe in ethical management, based on respect, transparency, and honoring our commitments.

ISO 9001:2015 - AS 9120B - ISO 14001:2015

Process management, material quality and traceability, as well as the reduced environmental impact, are constantly monitored and certified.

A concrete commitment to fully traceable, on-time, and trouble-free supplies.

If a material is needed, we source it. If a solution is required, we create it.

OPTIMIZATION, RELIABILITY, RESULTS: SEE IT TO BELIEVE IT

Choosing a new supply partner is a strategic decision.

That's why **Chun & Vollerin offers a no-obligation opportunity to test our service** and evaluate its true value.



TRY & BUY: PUT CHUN & VOLLERIN TO THE TEST

Requesting a quote is the first step. Comparing our offer with your current suppliers will clearly demonstrate our competitive conditions, operational efficiency, and service reliability.

FREE INSURANCE ON YOUR FIRST ORDER

The entire management of the first supply is guaranteed:

- » **Certified and inspected materials**
Every batch is verified prior to shipment.
- » **Reliable and on-time delivery**
No delays or unexpected issues.
- » **Shipping fully managed by Chun & Vollerin**
Maximum efficiency, zero complications.

PRACTICAL SOLUTIONS FOR A MORE EFFICIENT SUPPLY CHAIN

Chun & Vollerin is the right partner to optimize lead times,
costs, and operational continuity.

**REQUEST A QUOTE OR TEST
US WITH NO COMMITMENT.**

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