

MetalWorks Associates

Your production workshop at our own costs



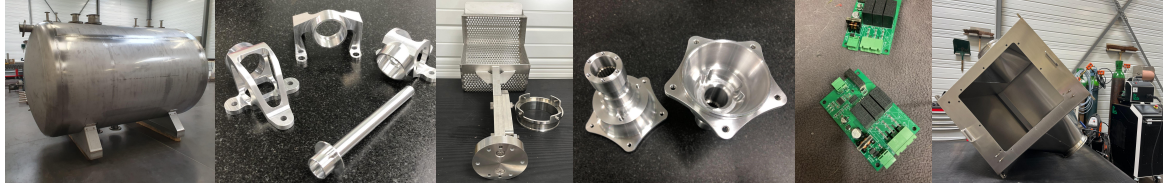
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The founding



[Jean-Pierre Manchon](#)

[Antoine Micaleff](#)

"I grew up in a workshop from the age of 14, managed a business at 24, lived in my company for 45 years, sold Jacomex to retire, and today, I'm passing on my expertise at MetalWorks Associates."

"In 2018, Jean-Pierre gave me the opportunity to develop Jacomex in Germany. Since then, I've explored various engineering concepts and, thanks to my trilingual expertise, I specialize in international business. Curious and solution-oriented, I am proud to support my clients in their ambitious projects."

MetalWorks Associates: Outsourcing Designed for Demanding Manufacturers

In 2021, **Jean-Pierre Manchon** and **Antoine Micaleff** founded MetalWorks Associates in La Boisse (Ain) with a clear vision: to provide a **360° production service** that is agile and responsive, supporting the reindustrialization of Europe.

With 45 years of experience in metalworking, Jean-Pierre developed a production solution capable of meeting the urgent and evolving needs of machine manufacturers. Quality outsourcing is a major challenge: availability, reliability, and flexibility are essential. And so, MetalWorks Associates was born!

After an initial focus on exports (Belgium, Germany), MetalWorks Associates has solidified its presence in France. The team now welcomes you to its workshop in Dagneux (Ain) to produce your components and assemblies.

With MetalWorks Associates, you choose a partner who never compromises on quality or deadlines. 2

A team of highly qualified professionals

A Strong Team for Reliable Manufacturing

At **MetalWorks Associates**, high-quality finishing, on-time delivery, and the ability to manage diverse production demands are made possible by a skilled and dedicated team.

🔧 **Frédéric Manchon**, our Production Manager, brings over 30 years of experience in metalworking, sheet metal fabrication, welding, and entrepreneurship. He ensures the workshop runs smoothly, fosters in-house talent, qualifies our partners and plays an active role in training our apprentices.

🏢 **Michel Iniguez**, an experienced metalworker and expert in Computer-Aided Design (CAD), is also a key player in the workshop and in passing on knowledge to the next generation of metalworking professionals.

🧤 **Arnaud Micaleff**, our Sales Director, has over 8 years of experience in understanding client needs. He ensures that all information regarding quotes and ongoing production is effectively communicated to your teams in a clear and timely manner.



Certificat



Your metal machining workshop

We're qualified to produce one-off parts and we're cut out for mass production!

For **short lead times**, here are the materials we keep in stock:

- **Aluminium:** 6061, 7075, 5052
- **Steel:** 42CrMo4, C45, S235, P20, SKD11, SUJ2, SKS3
- **Stainless steel:** 303, 304, 316, 304L, 316L, 316Ti, 440C
- **Brass and copper:** C3604, C95800, C1100
- **Carbide**
- **Cast iron:** FC250

Our standard treatments for a **finished part** ready for use:

- **Thermal:** nitriding, hardening, annealing, etc...
- **Chemical:** electro-polishing, anodising, zinc plating, nickel plating, chromium plating, phosphating, burnishing, etc...
- **Finishing:** mirror polishing, sandblasting, bead blasting, painting, engraving, etc...



A wide range of capabilities to offer you a complete package:

Milling up to **30 metres**.

5-axis machining.

Wire & EDM electro-erosion.

Air-conditioned workshops for critical parts.

Quality monitoring is our strength to ensure **zero defects** on delivery.

Material certificates **3.1**.

Heat and chemical **treatment certificates**.

Dimensional certificates.

Your **plastic machining** workshop

We're qualified to produce one-off parts and we're cut out for mass production!



For **fast delivery**, here are our **materials held in stock**:

POM, PMMA, PTFE standard and USP Class VI, PEEK,
PA6, PEHD, PE, PVC

Quality monitoring is our strength to ensure **zero defects** on delivery.

Material certificates **3.1**.

Heat and chemical **treatment certificates**.

Dimensional certificates.

To meet the stringent **cleanliness standards** of the pharmaceutical and medical industries, MetalWorks Associates has developed an optimized process for machining, handling, and packaging plastic parts, ensuring the delivery of consistently clean and reliable **white components**.

Your **boilermaking and welding** workshop

Our mission: to deliver a complete, ready-to-use assembly, fully assembled if needed!



Production skills sought by our customers:

- Development of production methods
- Full production & assembly of machines or equipment
- Full production & assembly of tanks and sealed enclosures
- Full production & assembly of tube frames and various sheet metal structures
- Pipework assembly
- Assembly of commercial components
- High-volume production, storage, and delivery of sub-assemblies as needed

Welded materials: **aluminium, stainless steel, steel**

Welding processes: **Mig, Tig, Laser**

Treatments & finishes: mechanical polishing (Ra / grit), electropolishing, microblasting, anodizing, sandblasting, shot peening, painting, etc...

Your production methods office

Optimising production: From your idea to smooth production

1.  **Collaboration with Your Design Office:** We do not replace your design office; we collaborate with it to secure conform drawings and avoid errors during production.
2.  **Analysis of the Initial 3D assembly drawing :** We start from your assembly 3D drawing, which is not yet detailed and may involve design risks. We then agree on a budget and development timeline for the methods phase.
3.  **Identification of Modifications:** Once we receive your order for method development, our teams create an internal specifications document outlining the necessary adjustments to ensure a “ready-for-production” assembly. Then, we begin developing detailed drawings.
4.  **Development of Manufacturing Drawings:** From your 3D files, we produce: Detailed drawings, Bills of materials (BOM), Definition of weld types and locations, Optimization of bending/cutting to reduce manufacturing costs.
5.  **Delivery of a Complete, Production-Ready File:** We deliver a complete package: DXF – STEP – PDF, ready for production or subcontracting.

✓ The Benefits for You

-  **Technical review by production experts** → Fewer errors, increased reliability during the component production and subassembly phases.
-  **Time savings for your design office** → More capacity for new studies = more projects you can take on without extending lead times.
-  **A single point of contact for method and production** → Reduced lead times and purchasing costs since MWA is also your workshop handling the manufacturing post-study (a design work discount can be applied on the production cost)

Your Electronic & Automation 360°

Why reinvent a product that already exists in our stock?

Customize a product according to semiconductor industry standards

Customer need for Automation

Standard product

Custom-made product

Mother-board

Embedded computer

Engineering R&D + Design to produce

Components sourcing + PCB assembly

Your Electronic & Automation 360°

10%

You don't know whether a standard component exists for your application

MetalWorks Associates can suggest a suitable component based on known technical parameters, or produce a custom-made component for you.

- Application required
- Max. component dimensions
- Voltage resistance (V)
- Rated frequency (Hz)
- Permissible thermal conductivity
- Communication modes
- Environmental constraints
- etc

60%

You want to improve your existing component

MetalWorks Associates offers you a component with superior technical parameters, depending on the up-grade required for your application or proposes customization of the component.

- The reference of the existing product to be replaced.
- Key parameters to be boosted.

90%

You want to replace an existing component with an alternative

MetalWorks Associates compares the parameters of your existing component with those of other components on the market to offer you the best quality/price/time ratio.

- The reference of the existing product to be replaced.

Our commitments: Outsourcing without problems

Offer submission

MetalWorks Associates is committed to providing you with a quotation or feasibility report within < 1 week.

Production Management

The MetalWorks Associates organization is made up of +1,000 certified and regularly audited professionals.

Our workshops are organized according to their capabilities and specializations, so that we can always offer you a quality production solution, at the best price and lead time.



Insurance

We never divulge the identity of our customers. Furthermore, MetalWorks Associates assumes full responsibility for any part or assembly found to be non-conforming.

Delivery

100% of our deliveries are DDP. So you don't have to worry about logistics or transport tracking.

We can also deliver just-in-time within 24-48 hours !

Quality check

MetalWorks Associates keeps you informed of production and delivery progress, so you can plan ahead without having to follow production.

We provide you with the necessary material and dimensional certificates to guarantee zero defects on receipt at your plant.

Our Quality Policy: At the service of our clients



1) OUR INTERNAL STRATEGY

- a) Ensure endogenous development focused on the technical skills of the co-founders.
- b) For all activities outside the co-founders' core businesses, encourage exogenous growth by developing a network organization.
- a) Increase the flexibility, responsiveness and competitiveness of its services by diversifying its offering.

2) OUR FOCUS ON CUSTOMERS

- a) Understand the needs of loyal customers in order to grow.
- b) Ensure the quality of service and products sold.

3) OUR FOCUS ON SUPPLIERS

- a) Audit and build loyalty with trusted partners.
- b) Meet economic, geopolitical and environmental challenges by strengthening our international presence.

4) COMMITMENTS OF THE DIRECTION

All these strategies have enabled us to develop a quality system equipped with tools for steering processes and performance in the pursuit of continuous improvement. These tools are regularly monitored and updated at annual management meetings.

Contact us ...



Our **E-Mail Address** for your price inquiries: info@metalworksassociates.com

Our **Hotline support**: (FR) +33 6 75 85 57 86

Our **Website** for more information: <https://www.metalworksassociates.com/>

We are looking forward to contributing to your production growth !

Don't forget to follow our [Linkedin page](#) to stay up to date with our projects

