



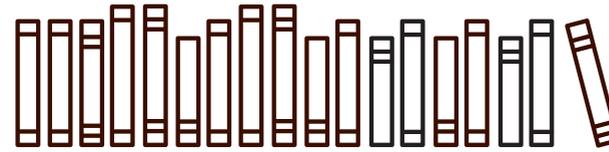
**Cendres + Métaux Luxury + Industry.**  
High-quality materials and precision.





## Facts and figures.

(Cendres+Métaux Group)

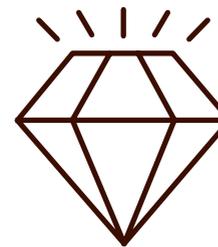


Over  
**135 years**  
of experience

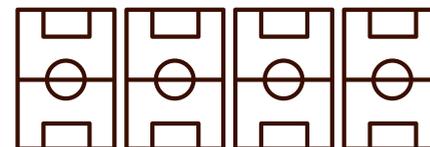


Made in  
**Switzerland**

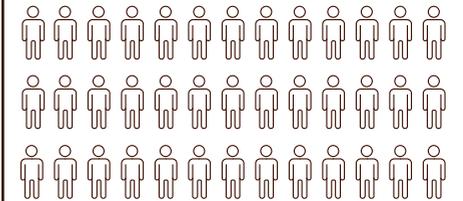
Supplier  
to major **luxury**  
**brands**



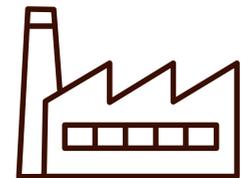
**16 000 m<sup>2</sup>**  
of production area  
(about 4 football pitches)



Around **440**  
qualified **employees**



**4 production sites**  
in Switzerland



- Biel/Bienne
- La Chaux-de-Fonds (2x)
- Saignelégier



## We are there for you.



For 135 years now Cendres+Métaux Luxury+Industry has been specialising in precision manufacture of semi-finished and finished products from high-quality materials and recycling of precious metals.

Customers include major brands in the luxury goods industry. High-quality products are manufactured to client specifications in both large and small series.

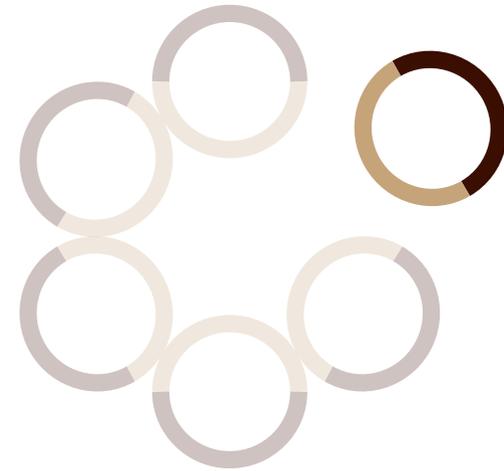
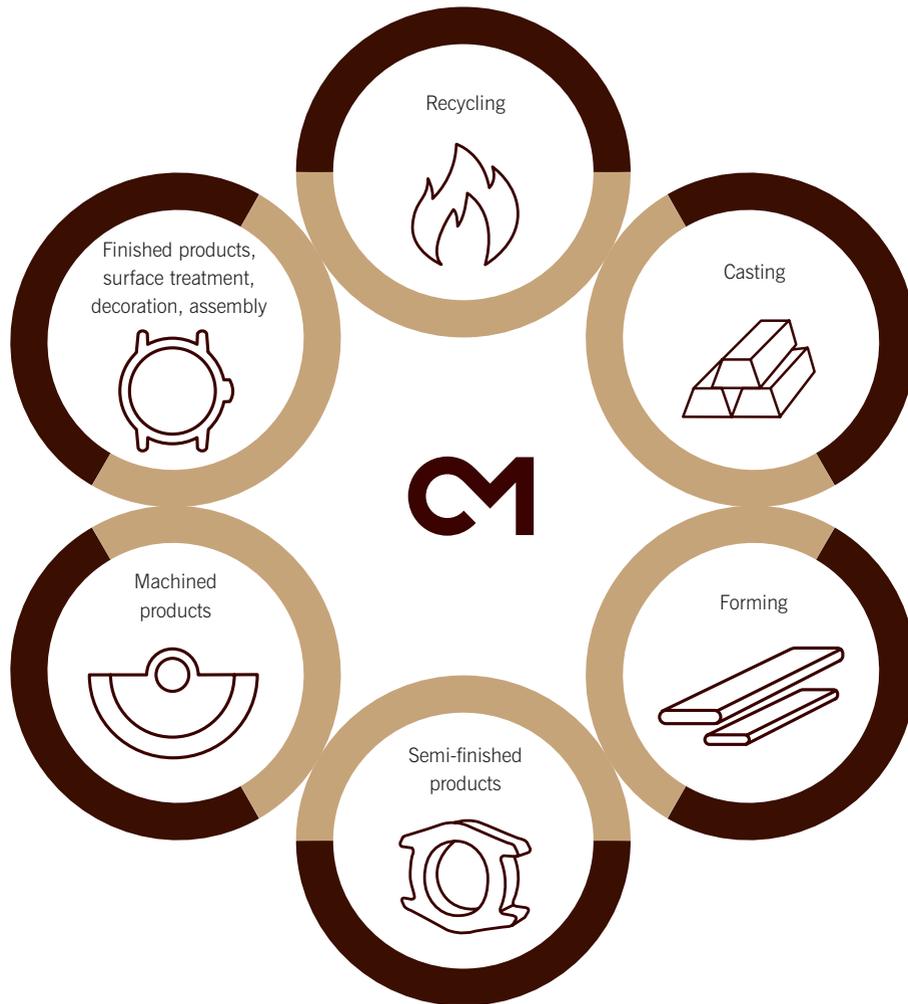
Since 2018 the Luxury+Industry division has also included watch case manufacturer Queloz SA, which specialises in high-end products. Certified in Switzerland, the company works with materials such as platinum, gold, carbon, titanium, zirconium, steel and palladium.

In 2020 Cendres+Métaux acquired a majority share in Cronal SA. This renowned company specialises in high-quality engraving.



We are here to help you with challenging projects. Cendres+Métaux employs numerous specialists with years of experience in developing, manufacturing and processing precious metal alloys. We are proud to offer you a full range of services from recycling through to the finished product.

## What we offer at a glance.



**Flexible offer:**  
from individual components to the full service

Cendres+Métaux offers a complementary range of services, starting with the recycling of precious metals. The metals recovered are melted down and cast as new alloys. These are then used to form a wide variety of semi-finished and finished products such as strips, wires, tubes, and blanks. Cendres+Métaux is a sought-after partner for the production of oscillating weights, watch cases and strap components for the watchmaking industry. Cendres+Métaux is also active in other industries such as medical technology and dental.



## Recycling.

Cendres+Métaux started out as a smelter and, 135 years later, is still a sought-after partner for recycling precious metals. Recycling takes place at the start and end of the precious metal cycle and is a key aspect of our range of services.

We are aware that recycling precious metals is a matter of trust. This is why we look to build a good relationship with our clients and ensure transparency at every stage of the process. We do everything we can to respect the environment during the recovery of precious metals. We are also always trying to increase the proportion of precious metals being recycled. Cendres+Métaux is a certified member of the Responsible Jewellery Council (RJC) and a member of the Responsible Minerals Initiative (RMI). As part of our RJC membership, we follow its Code of Practice (CoP) and Chain of Custody (CoC) standards. These certifications attest that we act sustainably and that the products made along our supply chain are conflict-free.

### Our services

- State-of-the-art technologies and processes
- Trusted recycling of precious metals
- Transparency at each stage of the process
- Environmentally friendly recovery of precious metals
- Cendres+Métaux is a certified member of the Responsible Jewellery Council (RJC) and Responsible Minerals Initiative (RMI)
- We help protect the environment by mainly using recycled precious metals in our production





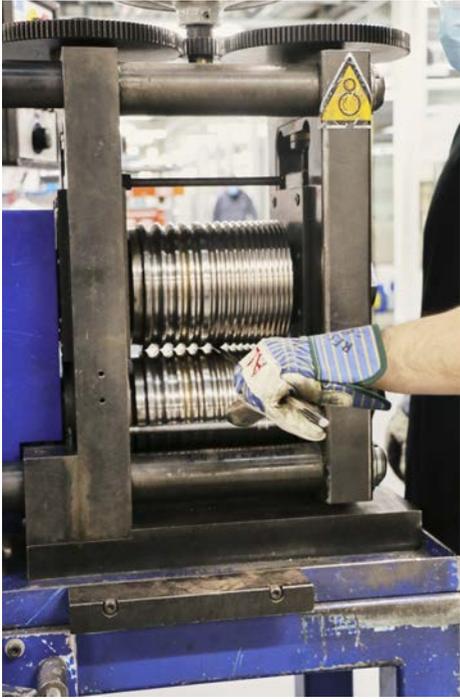
## Casting.

Precious metal recycling is followed by the production of new alloys in the casting shop. Cendres+Métaux has a wide range of alloys and is able to satisfy any requirements for the composition of precious metals. Compositions of materials are produced in close collaboration with the recycling and analysis divisions and in accordance with customers' precise specifications. The casting process is a craft that requires in-depth knowledge backed up by state-of-the-art technologies. This is particularly true of high-end watchmaking, where the ultimate goal is homogeneity of castings, to achieve a perfect microstructure in the product and simplify subsequent processing of the material.

### Our services

- Wide range of alloys
- In-depth knowledge of alloys
- Full cycle for precious metals
- Traceability of precious metal thanks to complete documentation
- Development of innovative materials
- Guarantee of conflict-free supply chain and production (from the raw materials to the final metal or semi-finished product)
- Consistent quality
- Dedicated lines
- CoC gold lines





## Forming.

The freshly cast alloys then undergo forming. Two processes are used to ensure the material achieves a high level of homogeneity during forming. Cold forming – by rolling or drawing – is used to produce wires, profiles, and strips. Heat treatment is also used for alloys, with each alloy having its own specifications.

### Our services

- Different processes for greater effectiveness
- Homogeneity of material
- Complete traceability along the production chain
- Analysis certificates





## Semi-finished products.

Cendres+ Métaux is an expert in the transformation of precious metals and manufactures series of semi-finished products for subsequent transformation on a contract basis. Standard products, special shapes, and complex parts are manufactured by cutting and/or machining processes. Rough-finished and shaped parts can be ordered from Cendres+ Métaux.

### Our services

- Wide range of high-quality semi-finished products
- Bespoke reboring available for lightening and calibrating products





## Machined products.

Thanks to its high level of expertise in precision manufacturing, Cendres+Métaux produces high-precision parts for a wide variety of applications. Besides watchmaking and jewellery, Cendres+Métaux products are also used in other industries – such as electronics and aerospace.

At the heart of every self-winding watch is the machined oscillating weight that sets the mechanism in motion. Cendres+Métaux specialises in manufacturing these functional components, which also feature the kinds of decorations associated with luxury watches. Cendres+Métaux manufactures all trim elements such as links for straps, clasps, inserts, etc.

### Our services

– High-precision finished products for various applications





## Finished products, surface treatment, decoration, assembly.

The modern machinery at Cendres+Métaux and the in-depth knowledge of precious metals processing make Cendres+Métaux a recognised expert in the sector.

Cendres+Métaux can also rely on the expertise of Queloz SA and Cronal SA.

Watch case manufacturer Queloz SA specialises in the high-end market. Its partners include prestigious brands that place the utmost importance on quality, technical expertise, and service. Whatever the materials used, (precious metals, sapphire, ceramics, carbon, etc.), it can handle all types of projects.

The expertise of Cronal SA covers various engraving processes: besides traditional chemical and mechanical processes, its skill base also extends to high-quality laser engraving.

### Our services

- High-precision finished products for various applications
- Laser engraving and texturing
- Full range of traditional watchmaking decorations
- Brazing (gold, platinum, palladium, steel, and titanium)
- Five-axis machining for highly complex parts
- Great expertise in repeaters



+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

**Cendres + Métaux Luxury + Industry**

Rue de Boujean 122

CH-2501 Biel/Bienne

Phone +41 58 360 20 00

Fax +41 58 360 20 10

[www.cmsa.ch](http://www.cmsa.ch)