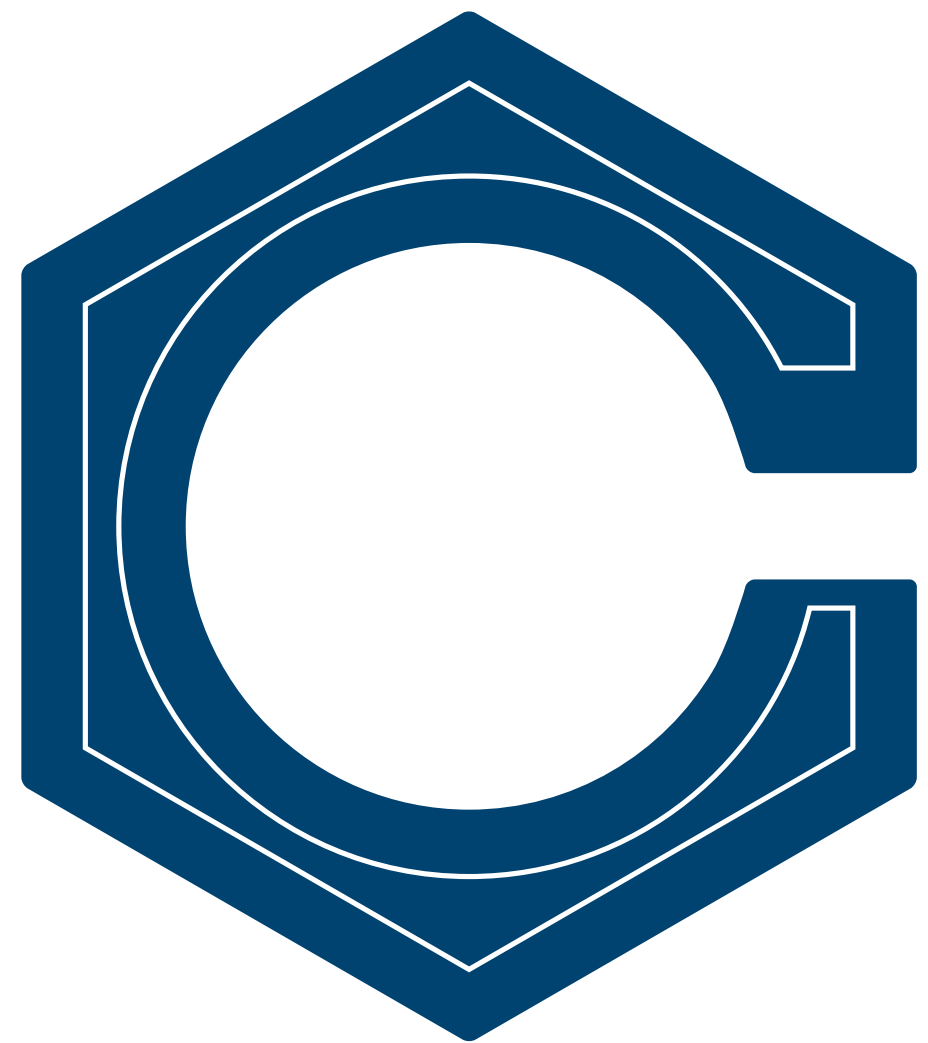


Let's make it real together



ING. BERTOLOTTI & C.
Carpenteria meccanica



SECTORS AND SOLUTIONS

 AVIONICS AND ELECTRONICS	 NAVAL AND BOATING	 AUTOMATION AND MACHINE TOOLS
 SPACE INDUSTRY	 AUTOMOTIVE AND TRANSPORTATION	 FOOD INDUSTRY AND FURNITURE

FULL SERVICE SUPPLIER

We provide custom solutions to our customers by following all process stages from development to final realization.

We manufacture precision mechanics and light-medium carpentry in carbon steel, stainless steel and aluminium alloys.

Our main processes are TIG - MAG - MIG Welding and high-speed Milling supported by 3D CAD-CAM systems.



Avionics and electronics

Production of mechanical groups and parts for avionic and defence electronic devices. Specialised in machined parts and metal sheet working of light carpentry elements. Quality management system certified according to EN9100:2016

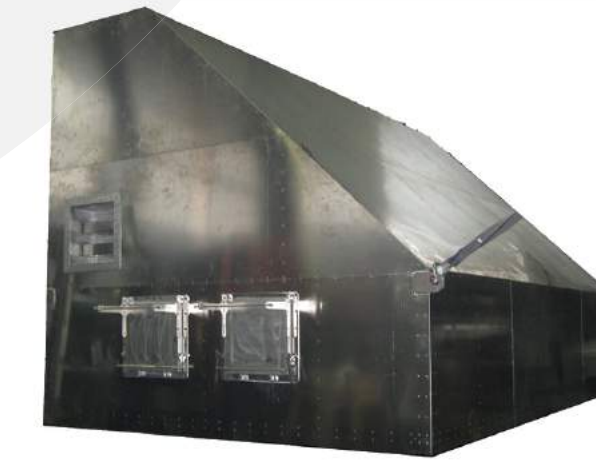
Applications - Machined parts

- Mechanical parts used in avionics and defence electronic devices
- Mechanical items for ground TPS
- Mechanical for flight avionics devices used in EFA, M346, FALCO, P180 programs
- Focus on surface finishing and coatings: ALODINE 1200, hard anodizing, military standard painting, text engraving and silk-screen printing
- Mechanical tools and equipment used in assembling of electrical systems
- Insulating material items



Applications - Precision Carpentry, metal sheet, welded parts

- On-board equipment Console installed on Beechcraft, ATR 42/72, P 180 Piaggio aircraft
- Test system, simulators and RIG Console.
- TIG and MIG welding of aluminium alloys used in avionics (cabinets, console, structures, chassis)
- Certifying welding and non-destructive test (Rx, penetrant, magnetoscopy)
- Panels, console carter and hoods
- Focus on surface finishing and coatings: ALODINE 1200, hard anodizing, military standard painting, text engraving and silk-screen printing



Space industry

Manufacture of mechanical items and tools used in space industry. Specialised in machined parts and metal sheet working of light carpentry elements. Quality management system certified according to EN9100:2016

Applications

- CubeSat mechanical items
- Containers and transport containers for space industry items
- Tools and prototyping for space applications
- TIG and MIG welding of aluminium alloys (cabinets, console, structures, chassis)
- Certifying welding and non-destructive test (Rx, penetrant, magnetoscopy)
- Focus on surface finishing and coatings: ALODINE 1200, hard anodizing, military standard painting, text engraving and silk-screen printing





Naval and boating



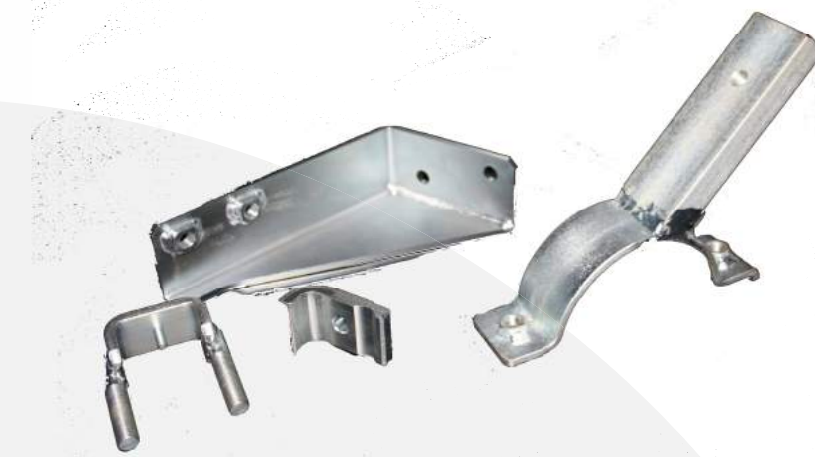
Manufacture of carpentry items used on commercial or private boats. Weldments, metal sheet and bended pipes components. Stainless steel and special marine materials

Applications

- Hydraulic tanks
- Brackets, plates, spacers of different kind and shapes
- Handrails and bended pipes elements
- Surface finishing by peening, pickling and passivation



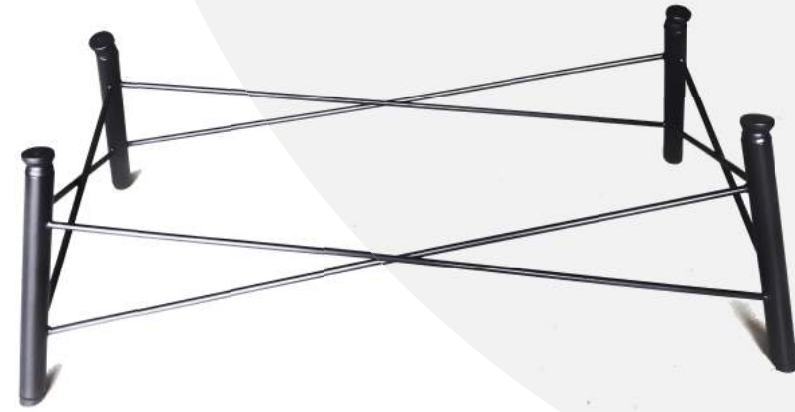
Automotive and transportation



Production of many different items and mechanical groups used in industrial vehicles. Light carpentry and mechanical components for industrial vehicles, diggers and construction machines. Weldments: MAG, TIG welding technology of carbon steel, stainless steel, aluminium alloys.

Applications

- Handrails and lift handles made by tube bending
- Brackets, plates, spacers of many different kind and shapes
- Surface finishing in electrolytic galvanizing or powder coating
- Spare parts and warehouse management
- Specific packaging solutions



Food industry and furniture

Manufacture of welded items and mechanical groups used in Food industry. Light carpentry and mechanical components.

Weldments: MAG, MIG, TIG welding technology of carbon steel, stainless steel, aluminium alloys.

Mechanical assembly service

Applications - Food industry

- Mechanical groups and carpentry used in slaughter facilities
- Chain conveyors
- Brackets, stands and supports

Applications - Furniture

- Stands for catering and food design
- Shops desks, trolleys, tables and many kind of metal furniture



Automation and machine tool

Production of mechanical items and carpentry for machine tool, special machine and automation systems

Light carpentry and mechanical components for machine tool and automation systems.

Weldments: MAG, TIG welding technology of carbon steel, stainless steel, aluminium alloys. Mechanical assembly service.

Applications - Machine tools

- Machine tools stands
- Mechanical components
- Reworking welded items
- Carters and aesthetic elements
- Structural welding
- Customer Engineering support
- Control console mechanics

Applications - Automation and special machines

- Automation and mechatronic stands
- Mechanical components for automation
- Reworking welded items
- Carters and aesthetic elements
- Structural welding
- Customer Engineering support
- Control console mechanics
- Mechanical Assemblies



WHO WE ARE

Historical mechanical company based in Piedmont, we have been producing light-medium carpentry and precision mechanics since 1949.

We have cutting edge equipment and qualified staff in machining and welding

Our main business areas are:

- Mechanics for electronic devices and avionics systems.
- Carpentry and mechanics for machine tools, automation, diggers, boating, shop and food industry.

QUALITY FOCUS

Certified quality management system according to
EN 9100:2016 and ISO 9001:2015

Qualified welders and welding processes according to
UNI EN ISO 9606

KEY CUSTOMERS



PARTNERS



Corso Cuneo n°47 10078, Venaria Reale (TO) | info@ing-bertolotti.com | (+39) 011 4240788 | www.ing-bertolotti.com