



RECA srl

**Company specialized in the processing of
the metal tube for all its applications.**

www.reca.it

History of the Company

Family Company founded in **1974**, initially focused on metal furnishing sector.

After few years it begins to **diversify** its settling in industrial production and motor vehicles sectors. In particular with **Piaggio S.p.A.**

In **2008** it was necessary to a **further diversification** of markets and sectors.

In **2015** the Company installed the **photovoltaic system** that produces about 60% of the energy that it needs

Currently the Company has developed **partnerships** with international Companies, in order to improve the expected level of the service in the European market with the competitiveness of Asian products and our production and quality culture.

Our Company

- Production facility **6500m2**
- **30/35 employees** (flexible depending on the workload)
- Specialized in the **tube processing**: cutting, laser tubes, bending, necking, forming, mechanical forming and welding.
- Experience with **different materials**: Iron, Stainless Steel, Aluminum, Brass and Copper
- **Design and implementation of internal manufacturing equipment** (molds, production tooling, control tooling)
- Realization of products on customer specifications [private label]
- Certifications:



**Italian institute
of Welding**

Production sites



Production sites



Production sites



Raw materials warehouse



Production area



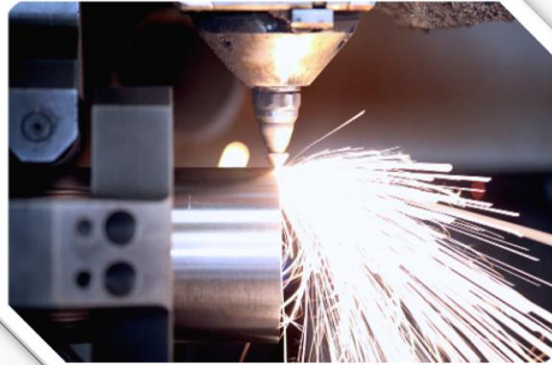
Warehouse



Machinery



Contruccion of tooling



Cutting tube (laser and traditional)



Bending tube



Forming tube



Molding / Pressing



Beading machine



Welding

Machinery

CUTTING

- 1 Cutting machine Adige TS72 CNC
- 1 Laser Cutting machine Adige LT652

Both with four exhaust positions integrated with brushing plant and harvest.

- Capacity 4.000 kg
- Able of a minimum of 8mm to a maximum of 102mm of diameter for maximum cutting lengths of 1500mm, 3000mm, 4500mm.

BENDING

- 9 Semiautomatic bending machines
- 14 Automatic bending machines

Up to five axes, left and right, with work islands.

The ability to tube bending metal is from a diameter of 8mm up to 110mm

FORMING

- 1 Automatic machine profiling
- 2 Manual forming machines
- 6 Forming machines with numerical control

Forming capacity from a minimum of 8mm diameter to a maximum of 90mm diameter.

Possibility of processing rolling, deburring and threading.

MOLDING / PRESSING

- 38 Mechanical presses from 10t to 130 t

WELDING

- 1 Station welding tubes autogenous
- 1 Robotic station ABB
- 4 Manual stations equipped by turning or fixed benches
- 2 Points welding stations

SHEET METAL PROCESSING

- 1 Bending sheet metal CMC
- 1 Shearing machine
- 1 Edging machine double spindle

Products



Bathroom furniture



Exhaust manifold



motorcycle handlebars



Roof rack for cars

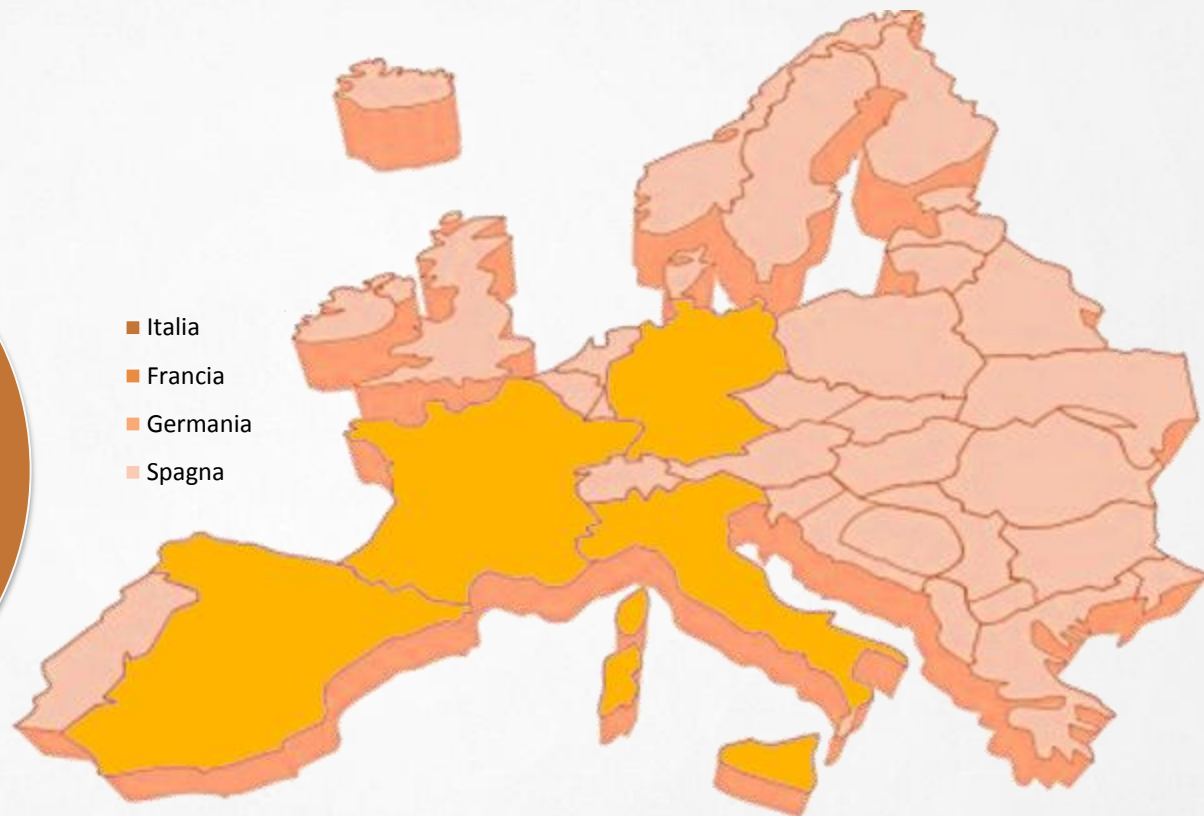
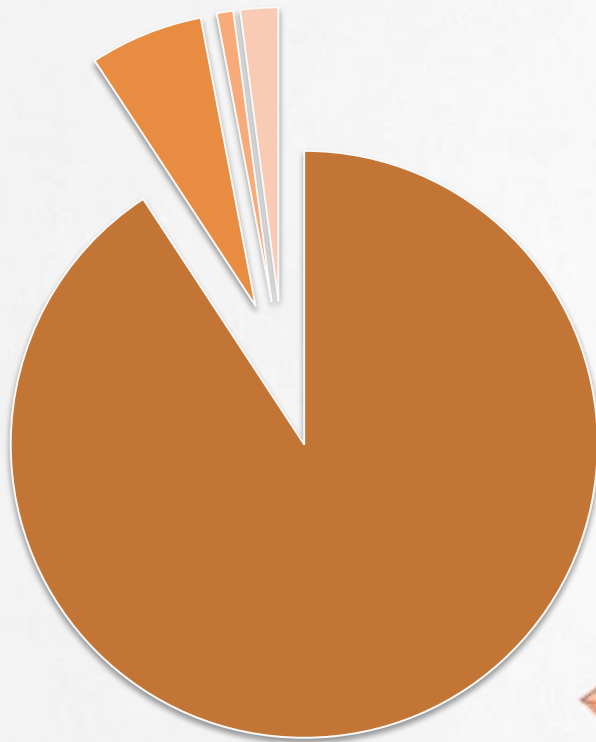


Chairs



Washers chassis

Markets



Company's strengths

- Technical expertise gained with industrial customers
- Internal tooling
 - Fast prototyping and production launch
 - Construction equipment Ad Hoc
 - Efficiency of production equipment in the time
- Simple organizational structure
- Capitalized company with solid financial structure

Company's strengths

- Pushed to the customer diversification on Italian and foreign markets
 - Opening partnership and collaborations
 - Sensitivity to environmental protection: energy conservation, environmental management system
 - Sensitivity to health and safety in the workplace
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Production process monitoring



Production process monitoring

- Check material reception: quantity, quality of the material (through supplier quality certificate)
- Launches of the production with work orders for phase that indicates the process parameters and controls to perform
- Placing of the machine and start the production, control bending tube with 3D machine

Production process monitoring

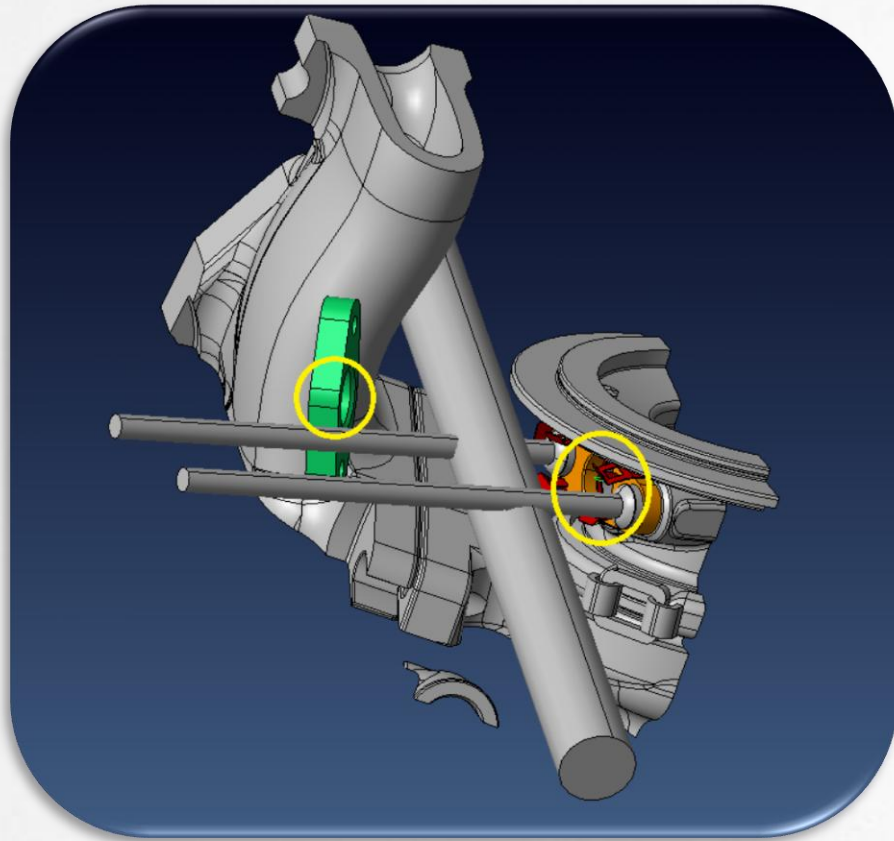
Checks during the production

- **Phases of stamping and bending:**
 - Dimensional check by using dimes
 - Visual check of breaking tube
- **Welding**
 - Process qualification: by destructive tests (penetration, size of the weld bead,
 - Start of the production: parameters (A, W, d and thread quality,)
- **Monitoring during the production:**
 - diameter, cord completeness, leak testing

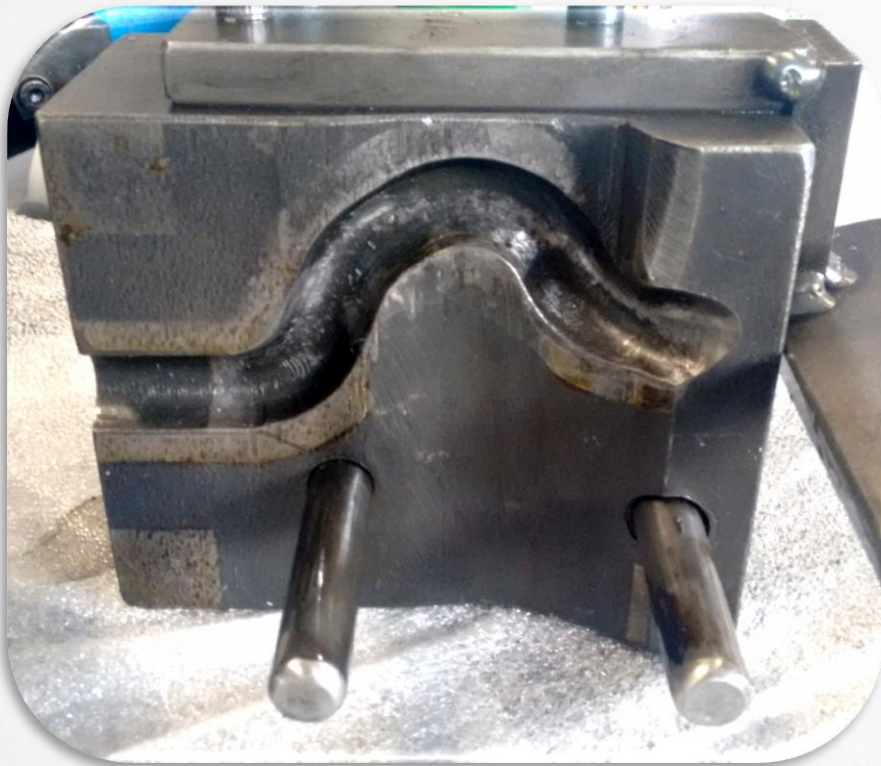
Prototyping New Product Development



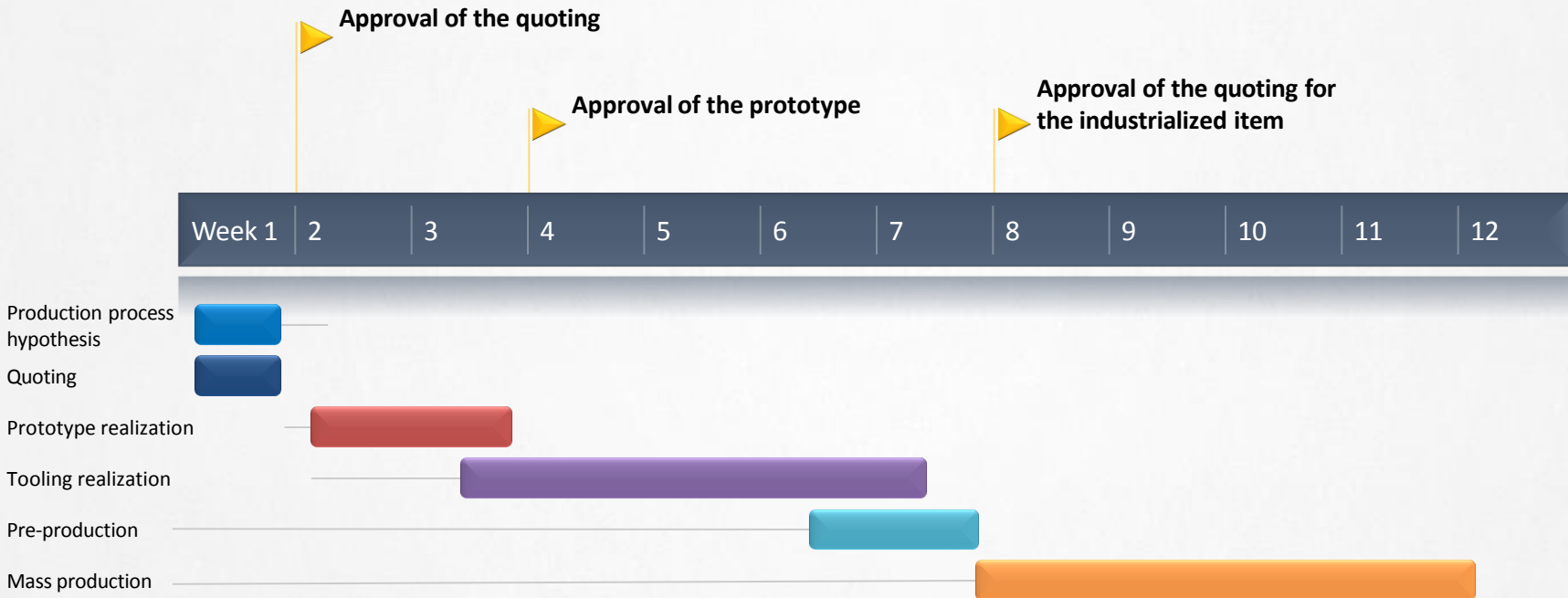
Example prototyping



Example prototyping for PIAGGIO



Realization of a project



Example realization of a new project

Yearly analysis of the general costs

Turnover
Middle cost
Working hours
Impact
General expenses
General expenses / hours
Administration cost
Administration cost/hours
Total cost
Amortization
Amortization / hour
Taxes
Taxes / time
Cost per minute

Costs details

Material (tube)
Material (Steel net)
Tube cutting
Net Cutting
Bending "legs" of the chair
Benging back and seat
Welding net
Welding chair

Tooling costs

Bending tooling
Welding net tooling
Welding chair tooling

OFFER

RECA

The logo consists of the word "RECA" in a bold, orange, sans-serif font. Below the text are three overlapping, horizontally-oriented ovals in a lighter shade of orange. The ovals are arranged in a way that they appear to be stacked or layered, with the front oval being the largest and the others receding behind it.

THANK YOU