



**Mollificio Valli Srl**

# *Springs and metal components*





Mollificio Valli Srl is a modern and dynamic family owned company, today a reliable partner of important industrial, national and international groups.

The production range includes compression, traction, torsion springs, rings, blank and wire strips and assembled components.

The policy of continuous technological renewal has led to more than 70% of CNC controlled systems with a working age of less than 10 years and production capacity from ten to millions of pieces per year.

The company is IATF 16949, ISO 9001 and ISO 14001 certified.



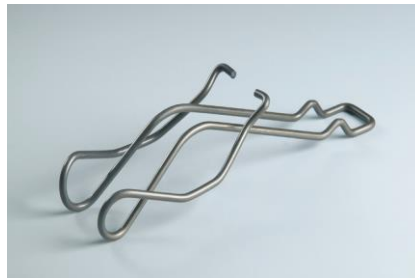
Traction springs  
*(wire from 0,15 up to 6,00 mm)*



Compression springs  
*(wire from 0,08 up to 8 mm)*



Torsion springs  
*(wire from 0,15 up to 6,00 mm)*



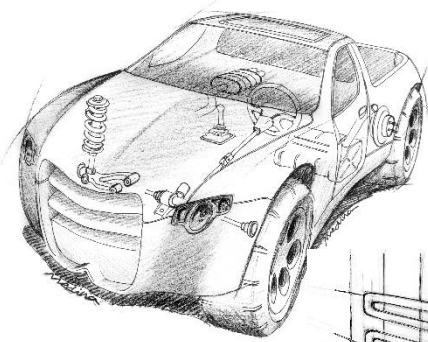
Shaped wire components

Blank strips

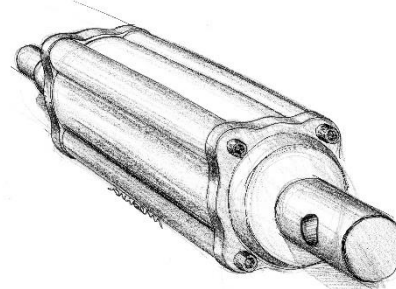
Assembled components



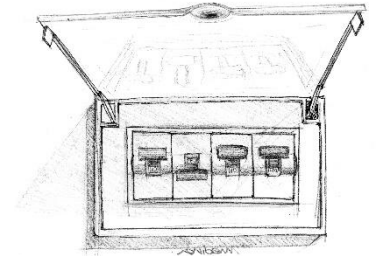
# Different applications



Automotive



Domestic appliances



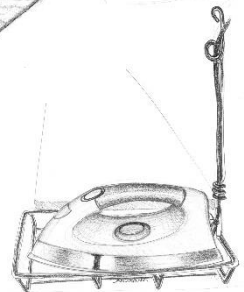
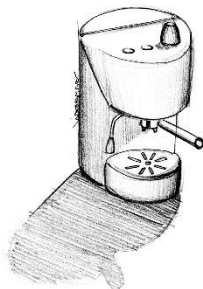
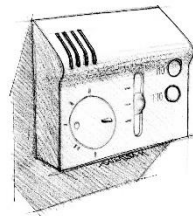
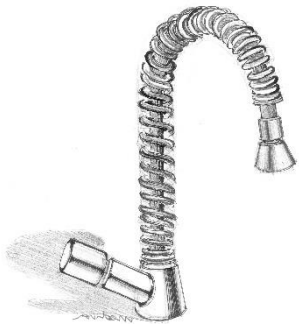
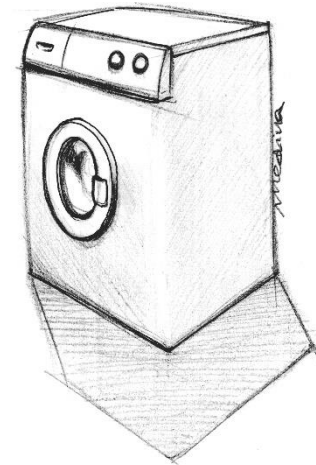
Coffee machines

Hydraulics & oleodynamics

Contacts and switches

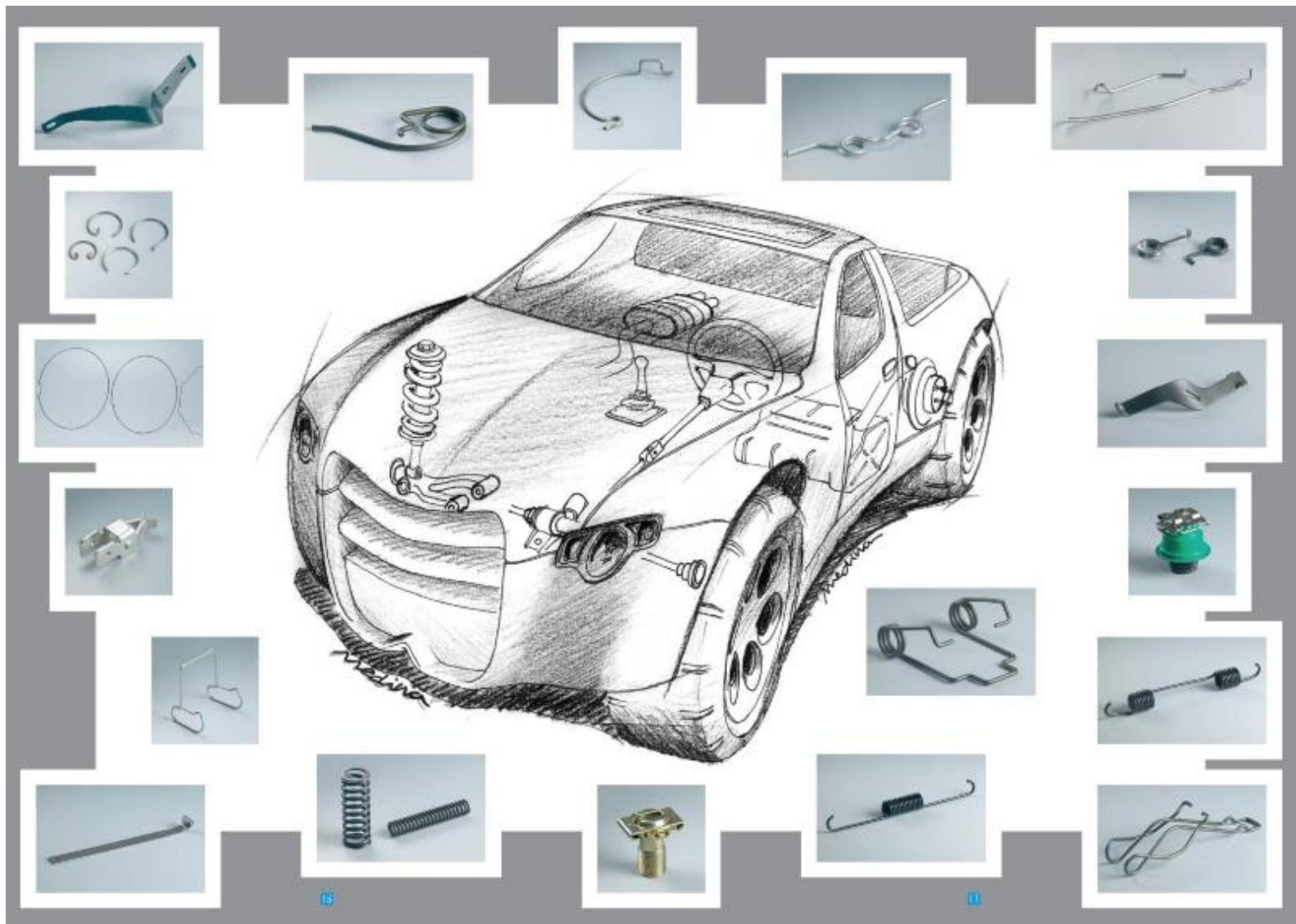
Taps and sanitary fittings

Packaging





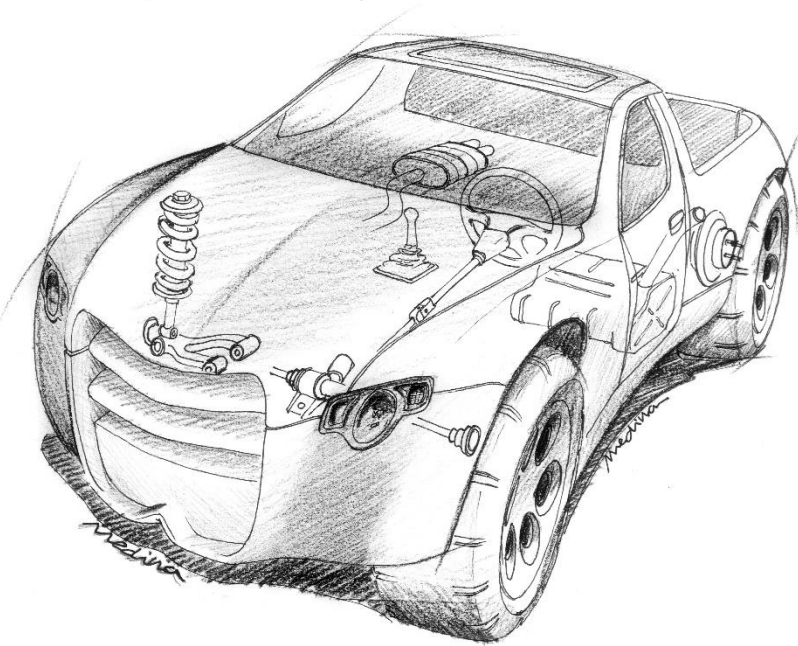


# Automotive – steering columns

Mollificio Valli Srl is one of the leaders in the codesign of steering column components for the worldwide automotive market (Europe and North America), from standard prototyping to series production.

In particular we offer to all our customers:

- review of the project
- industrial feasibility analysis
- quick prototyping service in 48 hours
- fatigue/failure control cycle, according to customer requests and/or automotive standards



Components for electric steering adjustment

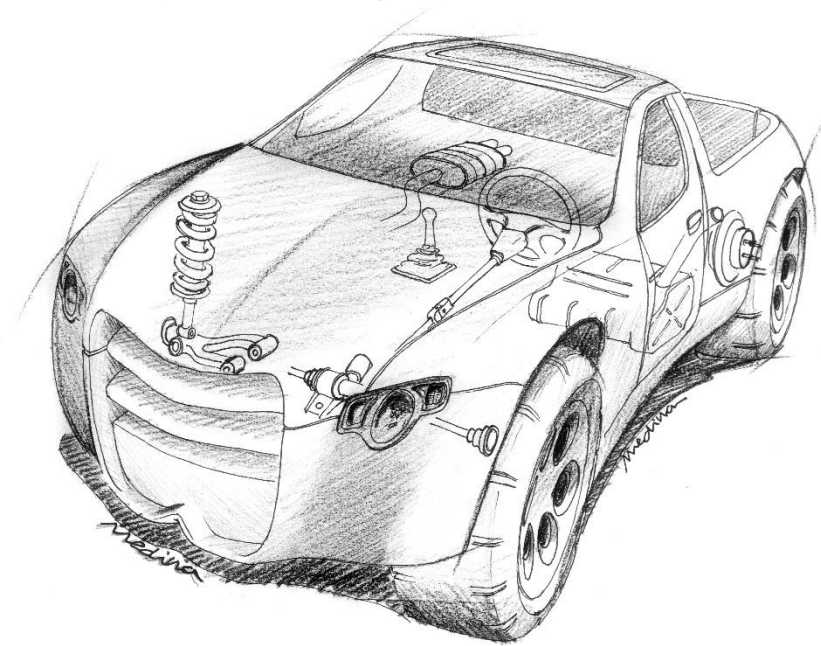


Steering position adjustment



Anti-collapse systems

# Automotive – water and oil pumps



Mollificio Valli Srl has developed hot settled compression springs, which are specific for motor fluid movement pumps.

In particular we offer to our customers:  
In particular we offer to our customers:

- hot settling treatment of the components
- dedicated cleaning verification cycle
- review of the project
- industrial feasibility analysis
- quick prototyping service in 48 hours
- fatigue/failure control cycle, according to customer requests and/or automotive standards



Hot settled compression springs  
with closed and flat grinded terminals



Mollificio Valli has dedicated a significant part of its production to the components for equipments and small appliances used in direct contact with food and beverage.

In particular, we offer to our customers:

- review of the project
- industrial feasibility analysis
- quick prototyping service in 48 hours
- fatigue/failure control cycle, according to customer requests and/or ISO standards.
- Food Contact compliance:
  - raw materials compliance
  - dedicated production procedures
  - ultrasonic cleaning
  - dedicated packaging

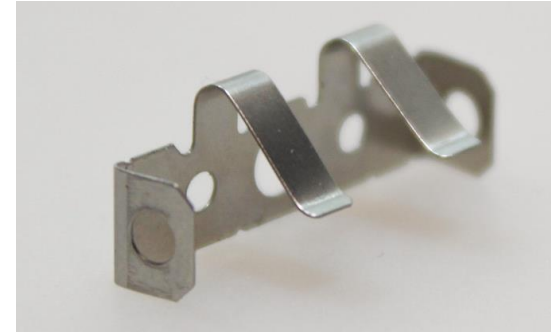




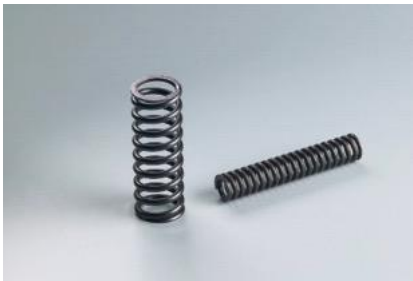
Coffee pad  
pushing  
spring



Thermofusible Bracket



Flap spring



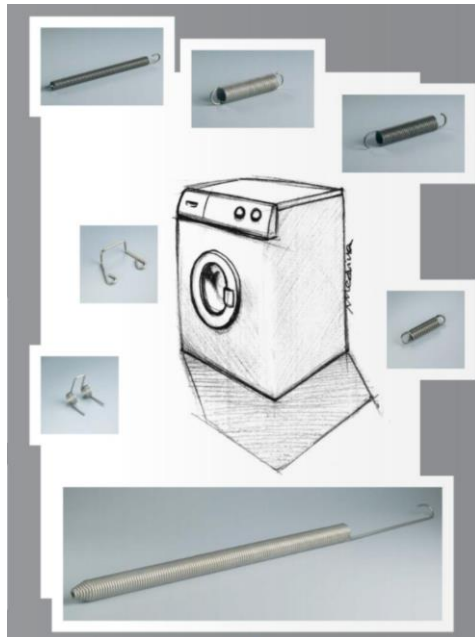
Opening springs for food warmer



Sliced components for safety valves

# Other Domestic Appliances

*Mollificio Valli also produces springs and sliced components for some types of white, brown and small household appliances.*



*in particular for flatirons we produce wire-holding antennas with metal or plastic co-moulded base*





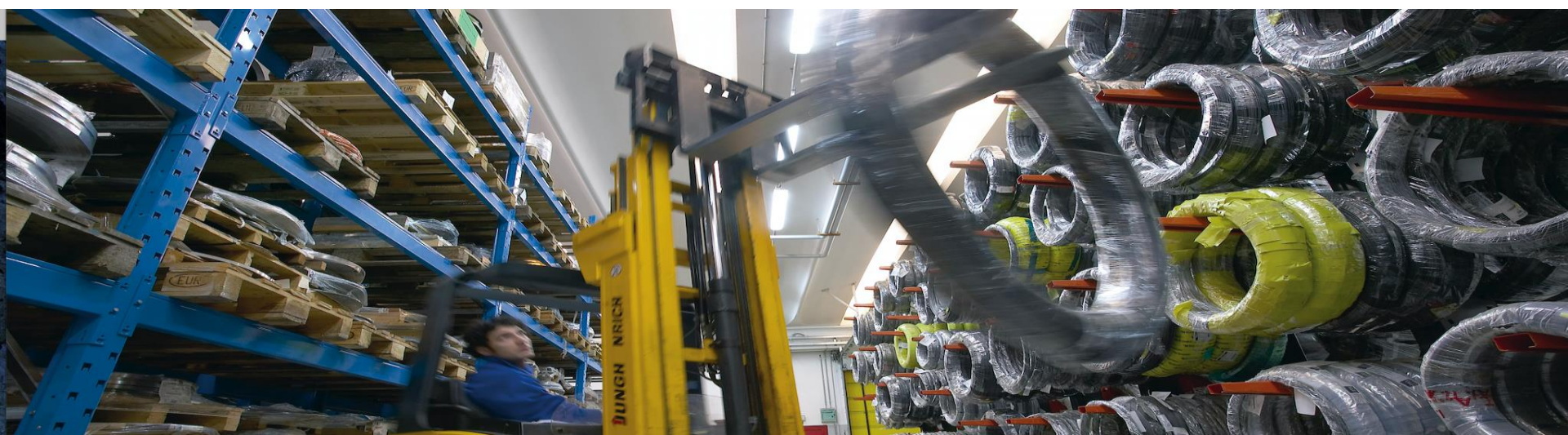
*Simplex Rapid*  
A TRADITION OF QUALITY

WAFIOS 

**BIHLER**

- 34 CNC Coiling machines for springs and rings
- 11 CNC Coiling and bending machine up to 25 controlled axis
- 16 Grinding machines (nr 13 CNC)
- 18 Locking machines (nr 9 CNC)
- 18 Automatic bending machines (nr 9 CNC)
- 15 Press from 10 up to 200 tons. with progressive molds
- 7 Injection press for thermoplastic co-molding
- 6 Peening / sandblasting machine
- 30 Stabilization ovens
- 3 Ultrasonic washing machines
- 1 Washing tunnel
- Anthropomorphic Robots and Optical Vision Systems for zero-ppm selections.





Valli uses different types of wire and ribbon raw materials sourced exclusively from suppliers that ensure consistency and traceability.



Stainless steel round wire 1.4310 NS - 1.4310 HS - 1.4301 - 1.4306 - 1.4401 - 1.4568 - 1.4539 - 1.4571 - 1.4016 according to EN 10270-3 ed EN 10088-1



Round alloy steel pre-pressed steel alloy FD Silicon

Chrome and VD Silicon Chrome according to EN 10270-2

Low, medium and high stress carbon steel thread according to EN 10270-1



Copper and copper alloys according to EN 13601 and EN 12166

Stainless steel ribbon 1.4310 and 1.4301 according to EN 10151



Cold drawn steel tape according to EN 10132-4



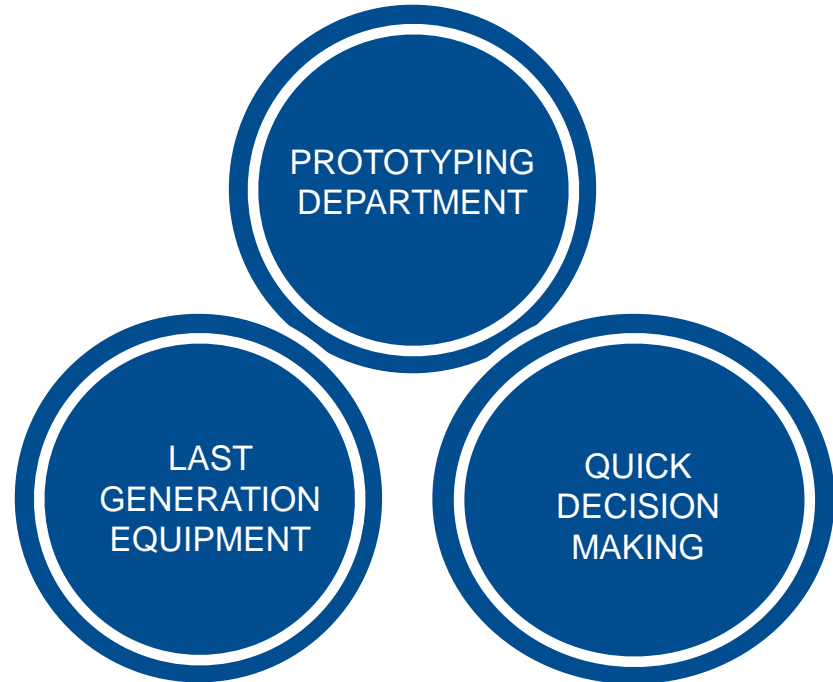
Mollificio Valli is certified in conformity with :

IATF 16949 (automotive, since 2005)

ISO 9001:2008 (quality system, since 2002)

ISO 14001:2004 (environment, since 2008)

# Our points of strength

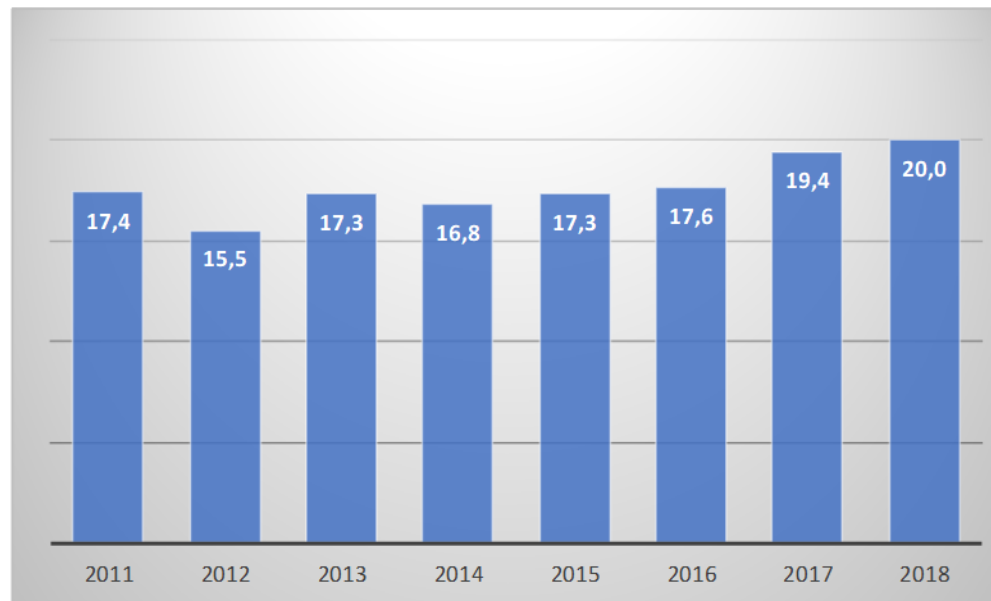


- **Prototyping Department:** 15 manual rockers and three specialists
- **Last generation equipment:** 10% investment annually in new production equipment
- **Quick decision making:** family owned company managed by the three Valli brothers





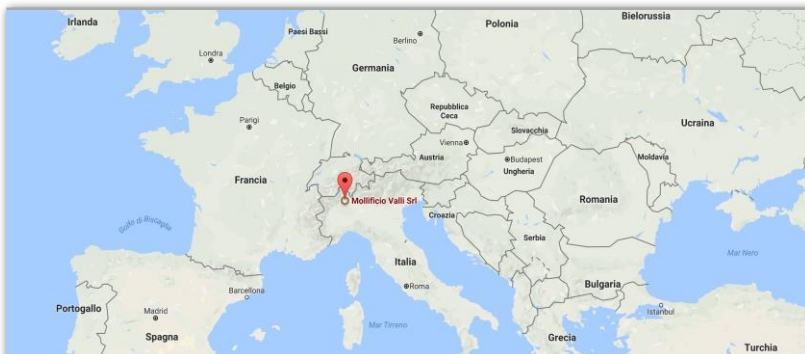
**Turnover MIO €**







**[www.mollificiovalli.it](http://www.mollificiovalli.it)**



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