



SCAMM

THE SHEET METAL SOLUTION

Customer: the core of our innovation

Major Appliances

Industrial automation since 1975

Industrial automation for cold metal sheet transformation process since 1975

Technical knowledge in prefabrication and assembly technologies and continuous research allow **SCAMM** to be a worldwide leader and reference partner, offering an integrated service able of dealing with any specific automation requirement in home appliances.



A Family

The history of our company is born thanks to the entrepreneurial idea of the **Mollis** family. It's a tradition that results in the experience that we demonstrate in our business every day.

This concept of family is not only in the roots of our company but also in the corporate policy. Our staff is composed of highly qualified professional technicians who work in cooperation and coordination as a family.



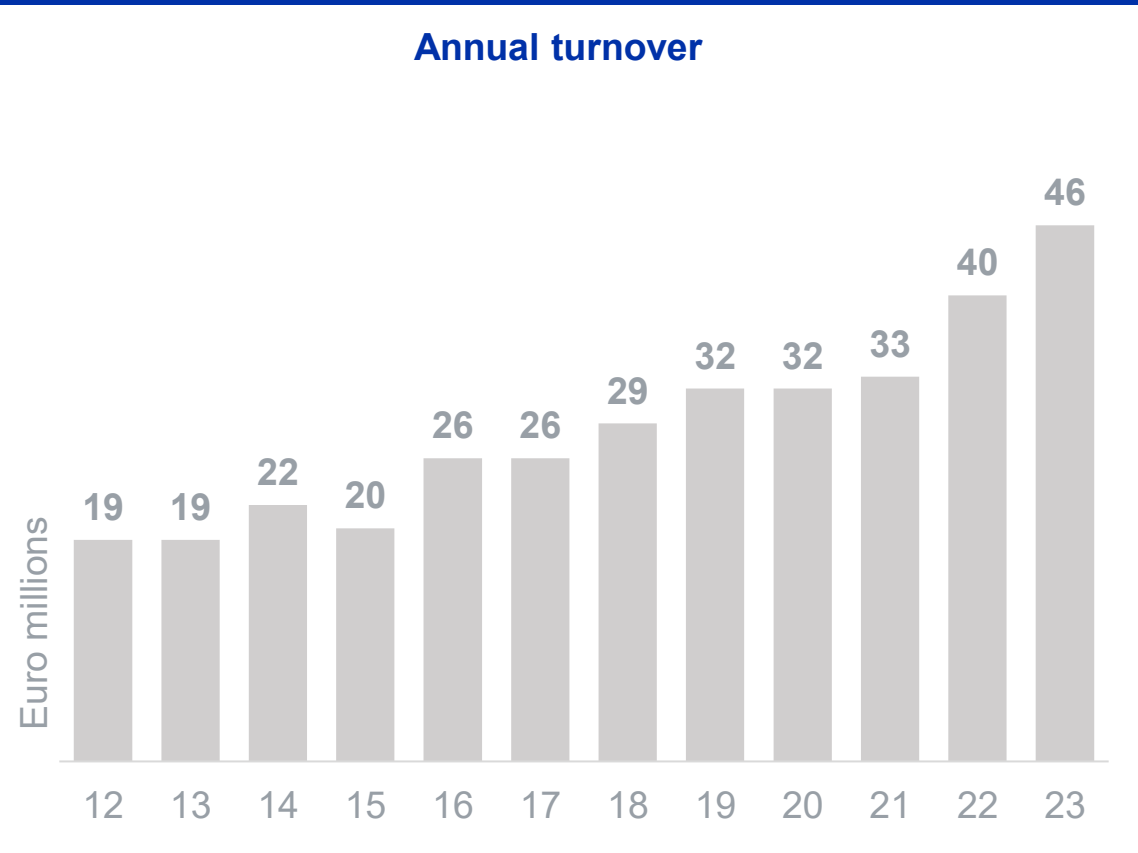
A Group

SCAMM offers its integrated and global service on the market in synergy with its companies:

Mollis Antonio Srl specialized in steel metal working

AccuRite machine & Manufacturing Inc. for custom machinery and technical service in USA

Annual turnover



Company timeline 1/2



SCAMM Dies Division – Bergamo, Italy



MOLLIS Sheet Metal Products – Treviolo, Italy



Company timeline 2/2



SCAMM – KY, USA
Area 6,000 m²
Office area 500 m²
Working area 2500 m²



SCAMM – Lallio BG, Italy
Area 16,000 m²
Office area 2000 m²
Assembling area 80x55 m

2024

Innovation timeline



1970

First Automatic line for washing machine drum and tub

1992

Washing machine cabinet without welding (clinching technology)

1998

Full automatic line to produce garage metal door without welding

2003

Revolution seaming system for dish washer

2013

Innovative seaming system for vertical axis washing machine basket (SCAMM patent)

2015

Patent special Z profile for multifunction oven cavity

2017

Revolutionary system to produce drum dryer by diameter reduction (SCAMM Patent)

2021

Automatic line to produce and assemble combustion chambers for water heater

DNA

PIONEERING

Advance Technology
Industrial Efficiency



AD HOC

Taylor made
Vertical service

PARTNER

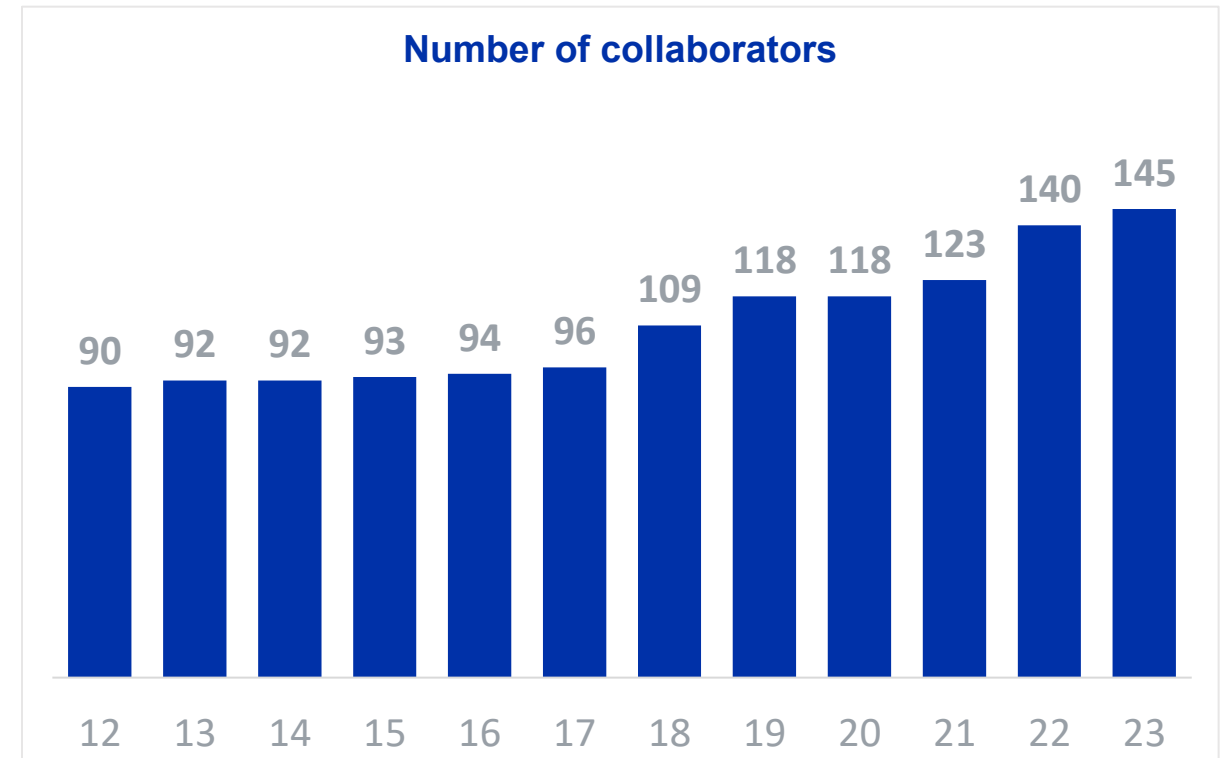
Dialogue
Transparency

Ad hoc

We promote **investments in human resources** in order to be **closer** to our clients. We train our professional technicians to be customer oriented and focused on the specific application, reaching an optimization in every field.

Our service is a unicum.

The client is followed step by step in an ongoing and cooperative **relationship**. From the initial planning stage through the installation and start up of the system, we also ensure continuous **follow up** for optimal equipment functioning. Our focus is satisfy our customer's needs.



Partner

After years of **experience**, we have become the **point of reference** for all major national and international appliances manufacturers.

The reason is the constructive and **progressive dialogue** characterized by **transparency**, respect, and cooperation with our partners.

We have succeeded in realizing great and varied **applications** and projects. We have created a background of **references** that continue to award us the role of international leader in the sector.



Pioneering

AUTOMATIC LINES

Large versatility in the realization of automatic lines for metal sheet forming and assembly in several Industries

DIES CONSTRUCTION

Experience and specific know-how in tools and dies field.

PRODUCTION OF PARTS AND ASSEMBLED PRODUCTS


By mean of MOLLIS srl, our company is also specialized in metal sheet components production.

PRODUCT DESIGN & PROTOPYNG

Product designed and realized based on specific needs of small, medium and large companies.

ASSISTANCE

After sales assistance with dedicated service, prompt replay and local support

 Production plant

 Technical & commercial

LOUISVILLE
USA & Mexico

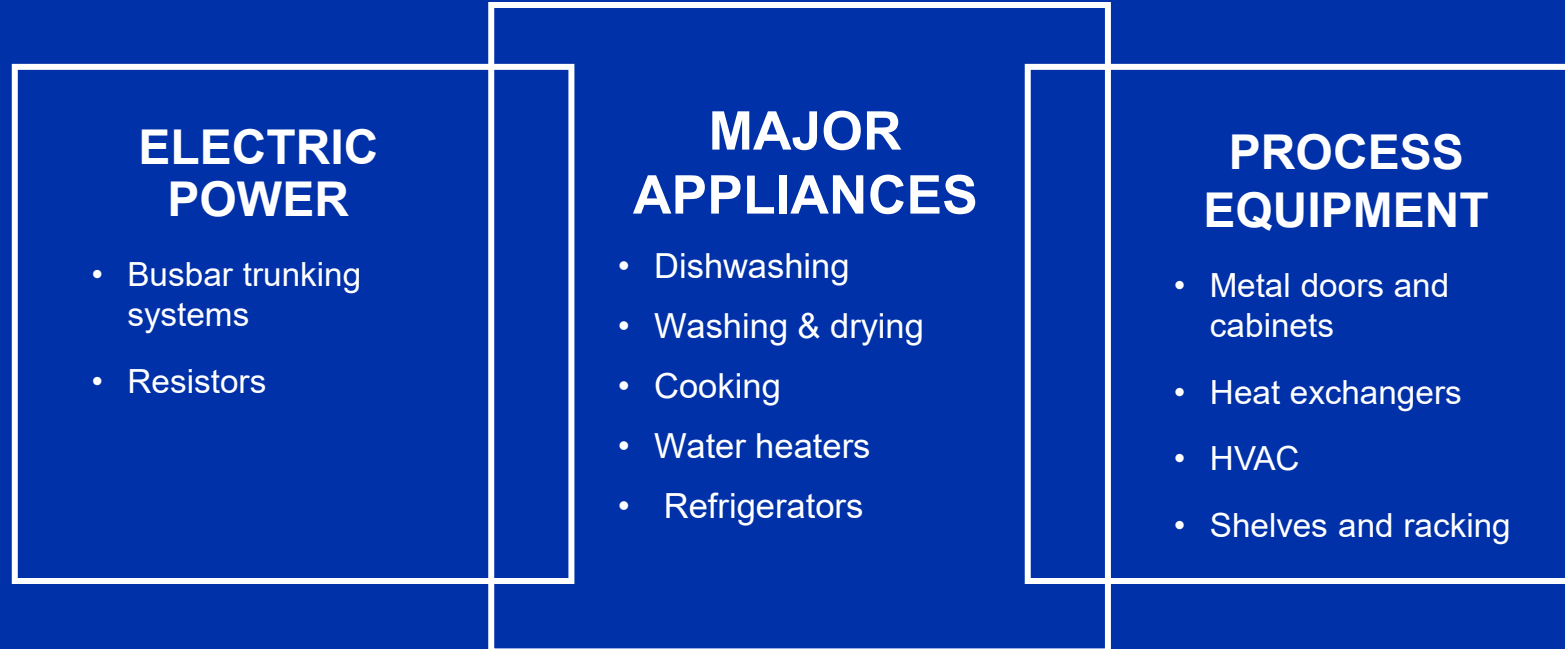
BERGAMO
Italy

QINGDAO
PR China

MANISA
Turkey

Industries

For **more than 50 years** we demonstrate our unique knowledge of metal sheet processing in many industries.



Major appliances: Cooking

Oven cavity: steam, gas, electric, multifunction, microwave

Side panels, Cooktops, Hoods

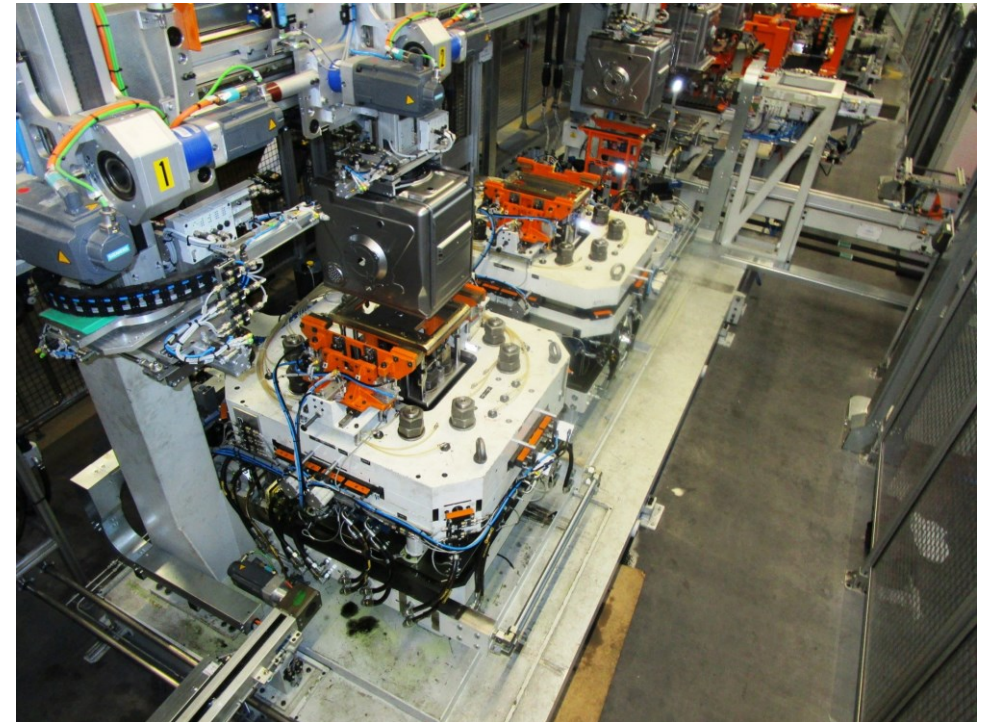
HIGHLIGHTS

Highest flexibility, with in line model change and automatic dies change over.

Highest elasticity with referenced line up to 12 second cycle time.

High reliability with over 92% efficiency.

Assembling by laser or roller seam welding.



Major appliances: Cooking

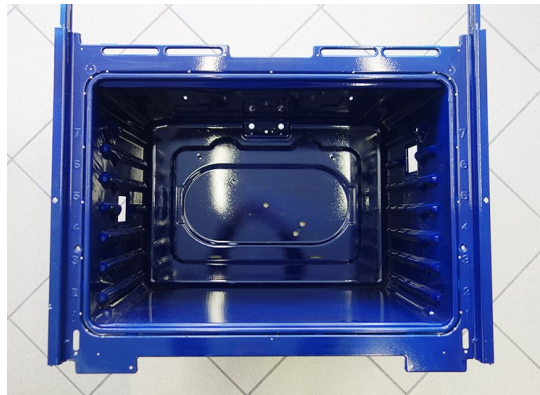
Oven cavity, recent projects



BSH



ELECTROLUX



WHIRLPOOL



TEKA

Major appliances: Dishwashing

Dishwashing: Tub, side and front panels, inner doors, hinges

HIGHLIGHTS

High integration, with in line production of wrapper, top, bottom, gasket retainer and frame.

High capacity with referenced line up to 15 second cycle time.

High reliability with over 90% efficiency.

Assembly by proprietary seaming technology.

Hybrid material, including tub parts in plastic.

Energy saving, with update bitumen application



Major appliances: Dishwashing

Tub, recent projects



V-ZUG



VESTEL



SAMHA
BRANDT



GENERAL ELECTRIC

Major appliances: Washing and Dryer

Fabric care: dryer drum, washing machine drum (front, top loading and vertical axes), cabinet, front panels

HIGHLIGHTS

Assembling technology, by seaming or laser/resistance welding.

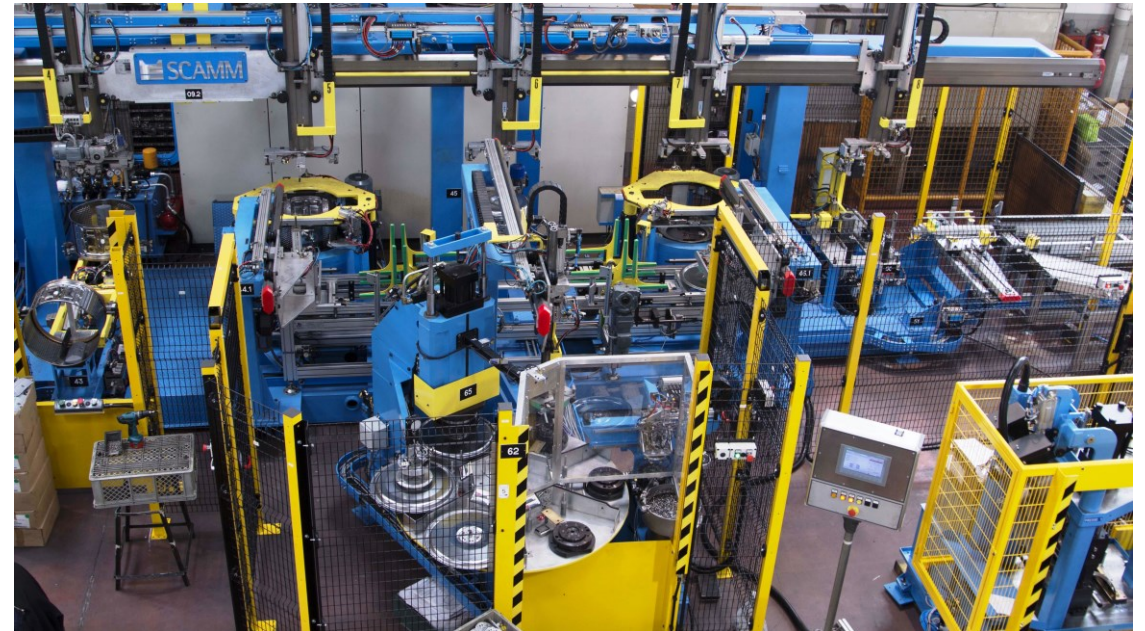
Vertical axes drum, in hybrid material and seamed.

Expanded drum, for washing and dryer machine

Drum dryer manufactured by **diameter reduction**

Fast line, with reference line up to 12s

In line **changeover** to produce several drum size



Major appliances: Washing and Dryer

Drums: recent projects



GENERAL
ELECTRIC



BRANDT



WHIRLPOOL



INDESIT

Major appliances: Refrigeration

Refrigeration: U-cabinet, side panels, top panel, doors, bottom basement

HIGHLIGHTS

Forming technology, by electric driven bending machines

Bending machines, with interpolated axes by electronic systems of motion control for maximum precision of movements and speed

Punching benches and special units to piercing, embossing, flanging

In line set-up to produce several models and dimensions



Major appliances: Water Heater

Water Heater : Outer casing, inner tank, combustion chamber

Expansion Vessel : Tank welded / seamed

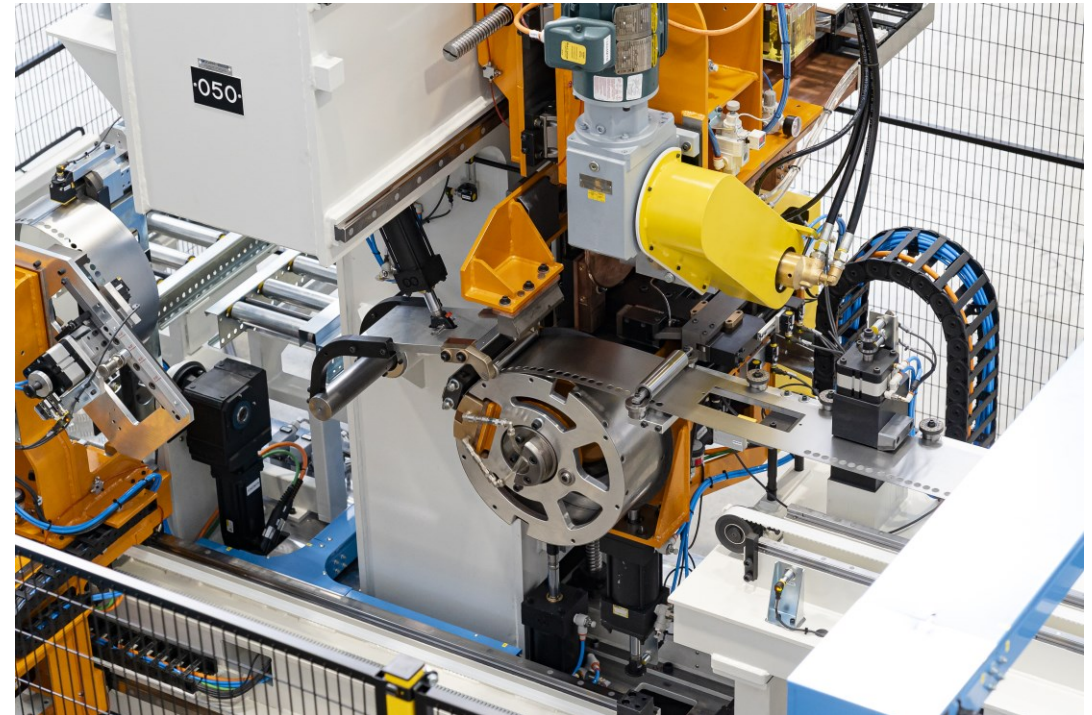
HIGHLIGHTS

Assembly technology of outer casing, by resistance / laser welding or seaming

Assembly technology of inner tank, by resistance / laser welding or MIG/MAG

Punching stations and special units to piercing, embossing, flanging, radial rolling, components welding

In line set-up to produce several models and dimensions



References





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