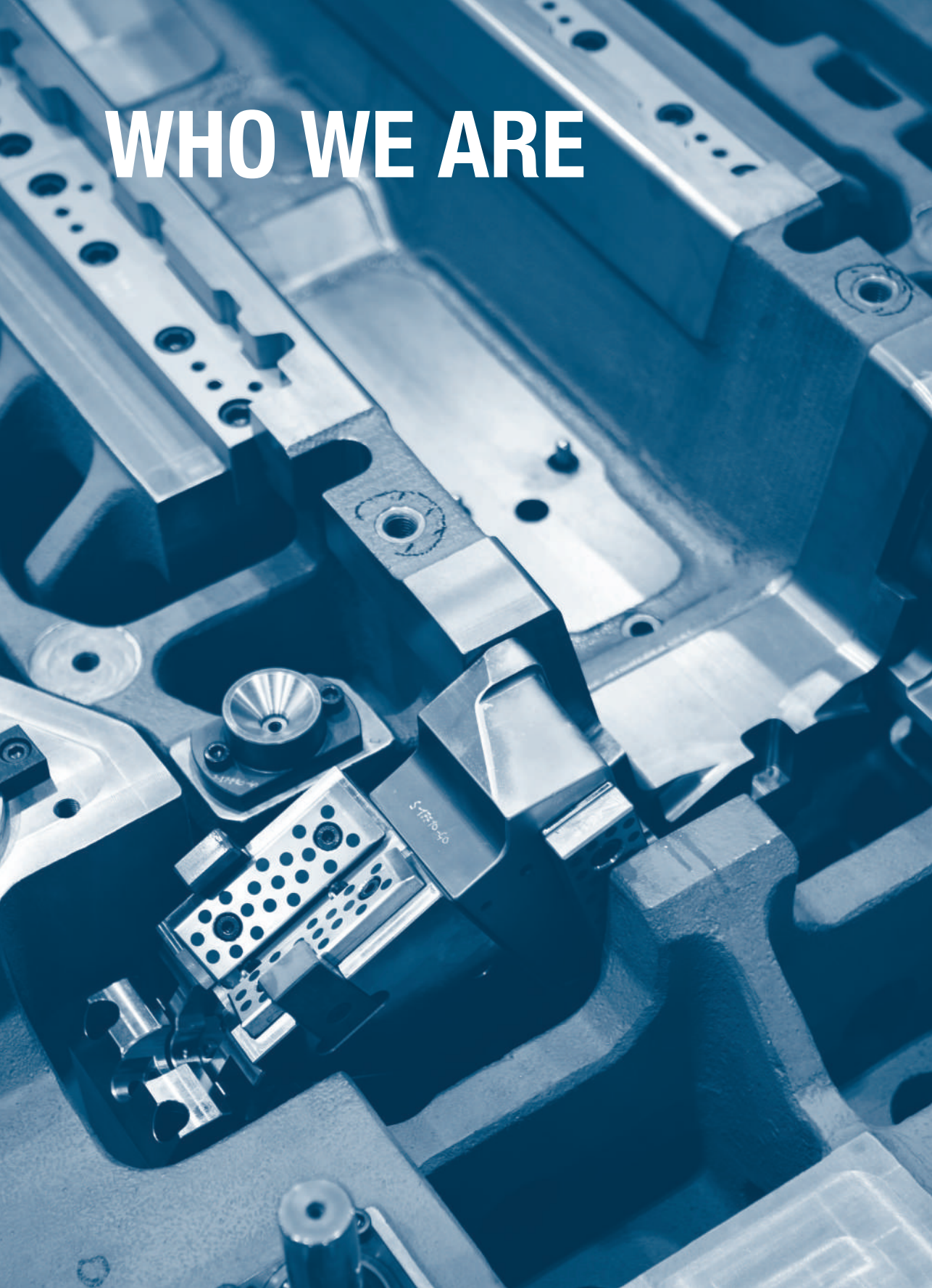


DIES FOR SHEET METAL PROCESSING

MADE IN ITALY

**WE DESIGN
AND
MANUFACTURE
PROGRESSIVE
AND TRANSFER
DIES FOR
SHEET METAL
PROCESSING**

WHO WE ARE



“WE DEFINE THE STANDARDS FOR COLD FORMING DIES”

La.me.s. is a market leader, “made in Italy”. We offer quality and innovation in the **design and production of dies for sheet metal processing** for industries such as automotive, household and appliance, building industry, furniture construction.

Our company was formed in 1985 by Gianfranco Giacomini, who continues to run the business. We aim at setting the benchmark when it comes to having a factory geared to the future. Our operations aim to guarantee the highest quality of our processes and products.

Our products meet the highest quality requirements through a quality management system, which respects our customers' standards.

Our experience, the equipment and procedures employed let us go beyond any standard, step by step, from planning to production.

OUR VALUES

**“Strong values have been driving
LA.ME.S. success for more than
35 years”**





CUSTOMER

Listened to and cared for with the utmost attention, the Customer is the very core of the organization, inspiring its thoughts and actions.



EXCELLENCE

The inspiring principle of the company, the source of our ongoing commitment to improve our business and to exceed past achievements.



PROCESS

Data systems, hardware and software are means for us to analyze, simulate, test and thus excel our products' performances and reliability.



PEOPLE

The heart and soul of the Company, and the sap of its existence is our most important treasure.



PASSION

The Company's driving force, distinguishing our business approach and the enthusiasm we invest in what we perform, every day.



SUSTAINABLE GROWTH

The Company is a healthy organization whose scope is to generate value for all its stakeholders, respecting the community and the environment.

KEY FIGURES

3500 m²

Production area

500 m²

Offices

47

Employees

8

Designers

7M €

Turnover

**5 tryout
presses**

Up to 800 T in house
and outsourcing
up to 2500 T

CUSTOMERS

Sweden

Italy

Poland

Turkey

Germany

Spain

Russia

India

United Kingdom

Austria

Slovenia

Switzerland

Czech Republic

Hungary



PROCESS



ENGINEERING & DESIGN MACHINING ASSEMBLING & TRY-OUT QUALITY



Engineering & Design

Our technical department fully meets customer requirements, as a result from vast experience throughout the years, continuous up to dates and further trainings in order to assure the development of innovative designing technologies.



Machining

Our workshop is equipped with machines providing accurate milling, drilling and turning processes, based on data and machining programs of our CAD-CAM department.



Assembling & Try-out

Assembling, set-up and try-out are the main final manufacturing steps performed for the last necessary adjustments, to deliver as a result the highest quality production parts.



Quality

Our quality department examines the out-of tool parts with one of the most innovative 3D measuring devices “DEA GLOBAL ADVANTAGE” summarizing the relevant results in a measurement report.

MACHINERY POOL

“La.me.s. is constantly investing in machinery and in technologically advanced working methods to ensure the best quality of its end products”

OMV Electra High Dynamic milling machine

The OMV Electra is a high dynamic milling machine with moving column.

- OMV Strokes: X = 6000 mm
Y = 1400 mm Z = 2600 mm

- OMV Strokes: X = 4000 mm
Y = 1400 mm Z = 2600 mm

Toolings no.: 50

THS Milling Machine

Fixed table Parpas THS.

Strokes: X = 3000 mm Y = 1200 mm

Z = 1500 mm

Toolings no.: 40

OKK Horizontal machining

- Horizontal machining center

OKK HM800s

Strokes: X = 1040 mm Y = 900 mm

Z = 880 mm

Toolings no.: 176 - Nr° 2 Pallet

- Horizontal machining center

OKK HM600s

Strokes: X = 800 mm Y = 750 mm

Z = 880 mm

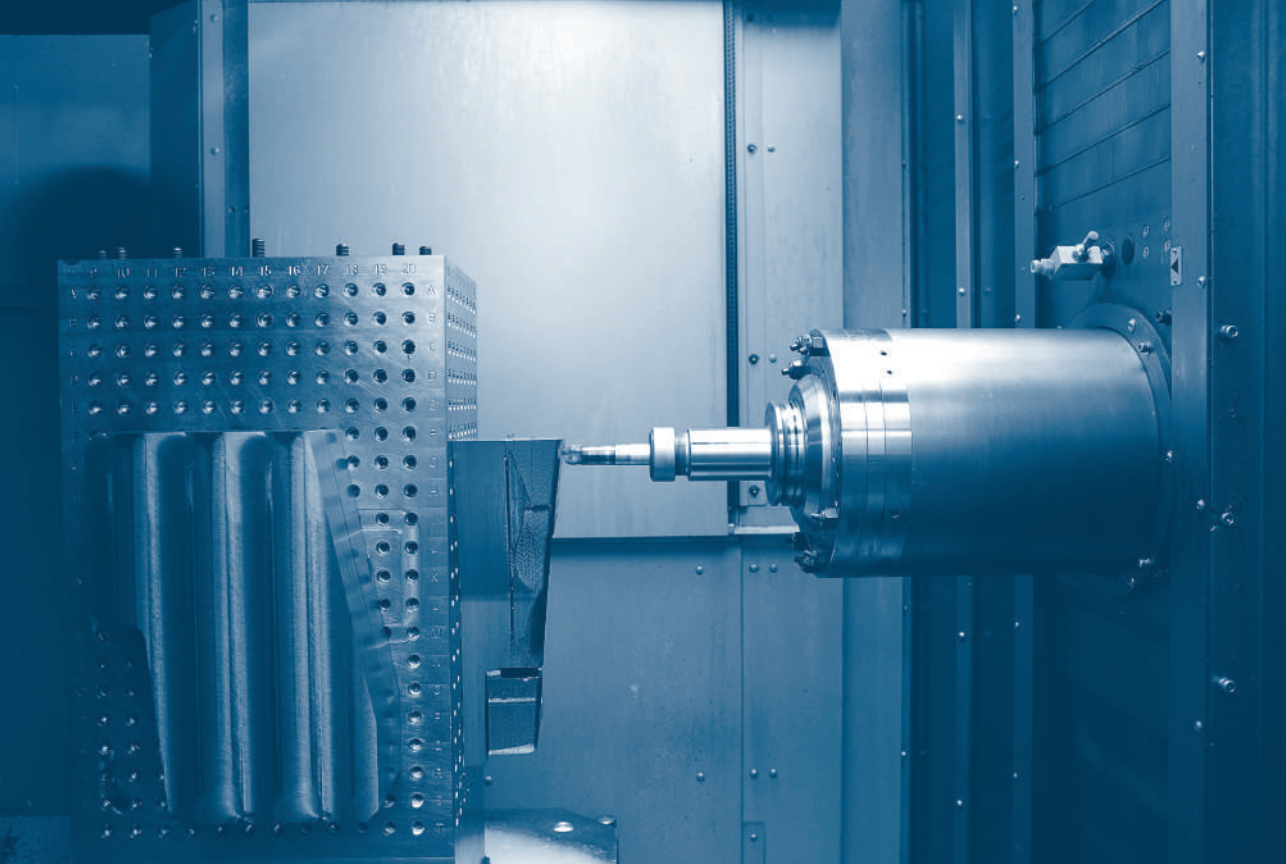
Toolings no.: 120 - Nr° 2 Pallet

OMV Active Five 2000 5 axis working center

The OMV Active Five 2000 is a high speed milling machine composed by a fixed gantry and a moving table.

Strokes: X = 2000 mm Y = 1800 mm

Z = 850 mm; Toolings no.: 120



KONDIA HM2010 working centre

KONDIA is Machining center vertical spindle

Strokes: X = 2000 mm Y = 1000 mm
Z = 780 mm

Toolings no.: 20

EIKON MV 1500

EIKON MV is a working center with travelling column with Selca control 3045D

Strokes: X = 1500 mm Y = 700 mm
Z = 650 mm

Toolings no.: 20

KONDIA HM1060 working centre

Vertical Machining Centre large capacity

Strokes: X = 1000 mm Y = 550 mm
Z = 600 mm

Toolings no.: 20

Wire Erosion Machine

N.2 wire erosion machine

FANUC C 600iA with automatic thread.

Working area 600x400 mm

N.1 wire erosion machine FANUC 1iE with automatic thread.

Working area 600x400 mm

GOM - ATOS Compact Scan 8M

The ATOS series consists in industrial non-contact 3D scanners using structured blue light for measurements.

DEA GLOBAL ADVANTAGE

X900 Y1500 Z630

Measuring machine - SW PCDMIS
CAD++

DELTA MAXI CNC

Delta Maxi is a tangential grinding machine

Working area: 1800 x 750 mm

FUMAGALLI R.T.A.N.C.

- Tangential grinding machine

Working area: 610 x 820 mm

- Tangential grinding machine

Working area: 350 x 700 mm

LATHE MACHINE

- Mazak CNC parallel lathe
- Ursus SEMI automatic lathe

PRESSES

- Müller Hydraulic press 800 t with hydraulic blank holder 400 t.

Plate 4000 x 2200

- Mechanical press 650 t with hydraulic blank holder 100 t, plate 3200 x 1700, feed "Iron 3 x 700"

- Hydraulic press 500 t, blank holder 250 t, plate 2000 x 1600 - Mechanical press 200 t

MODULA LIFT

Vertical automated storage system

OVERHEAD CRANES

Nr.1 - 12,5 t

Nr.1 - 6,3 t

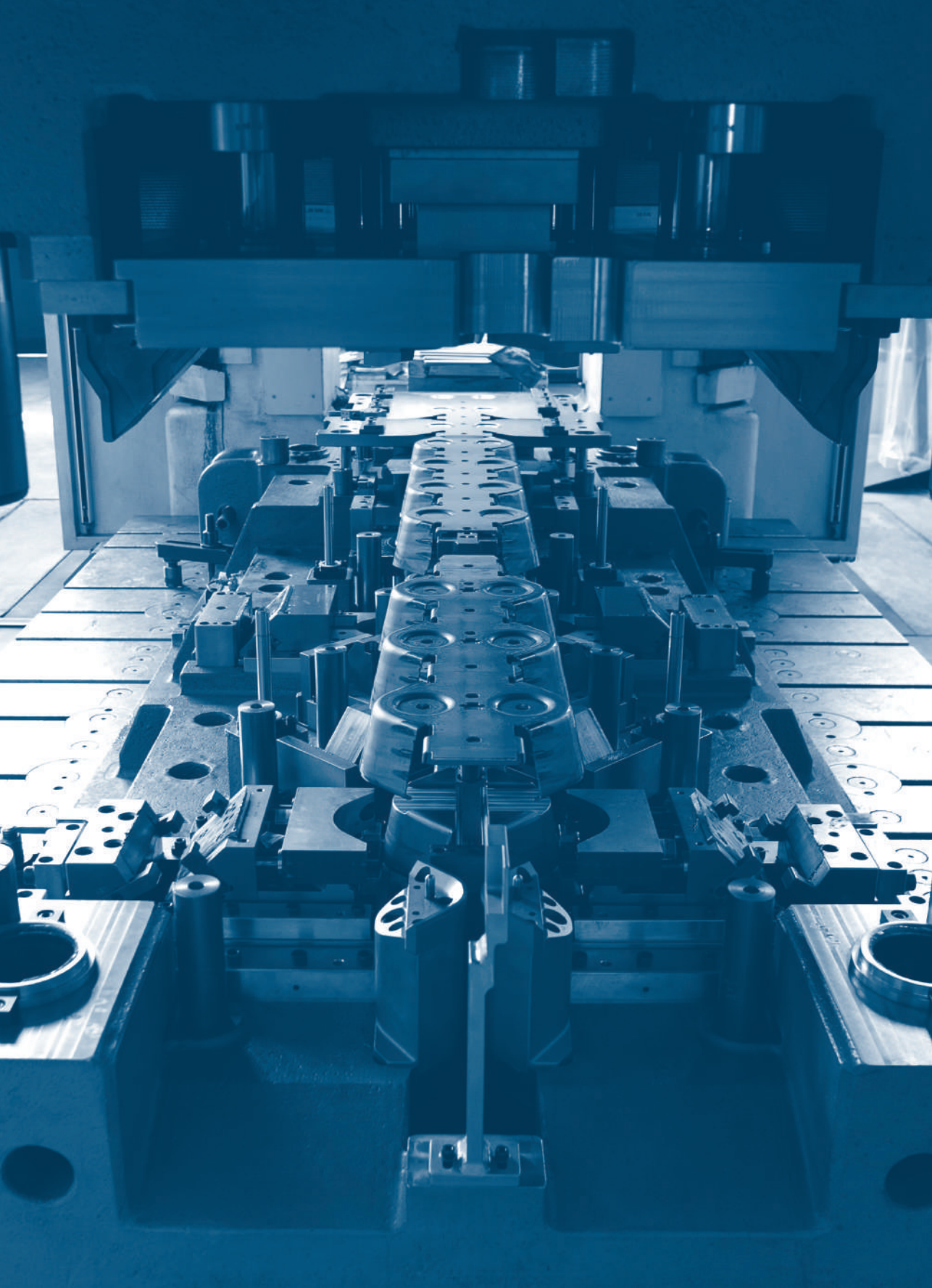
Nr.3 - 4 t

Nr.1 - 1 t

CAD / CAM SYSTEMS

- Nr°3 3D CAD stations Catia
- Nr°6 3D CAD stations CoCreate Modelling
- Nr°2 3D CAD stations Visi - Cad (Vero Sistemi)
- Nr°5 Stations CAM HyperMill
- Nr°2 Stations CAM MasterCam
- Nr°1 Software simulation station AutoForm Release Plus R10 8.0.3





PROGRESSIVE DIES

“Tools are designed and customized in such a way that the lowest material consumption can be obtained in every production cycle”



Based on the specifications required by the customer, **progressive or multi-step tools** are designed and customized in such a way that the lowest material consumption can be obtained in every production cycle, the production steps can be reduced, production efficiency increased and production costs reduced.

The progressive tool or step tool **aims to optimize the production process** by gradually encompassing various processing stages (drawing-forming, blanking, drilling, bending) as well as more complex operations such as **inserting nuts or pins**.

The decades of experience of La.me.s. in the production of progressive tools for the processing of pre-painted and unpainted sheet metal, aluminum, stainless steel with or without protective film, highly resistant steels of variable thickness from 0.5 mm to 5-6 mm, adaptation of the tools to customer needs and the greatest care in connection with the production press are a guarantee for a safe and long-term cooperation.

All tools are tested, approved and **certified ISO 9001: 2015** before delivery



Progressive dies gallery

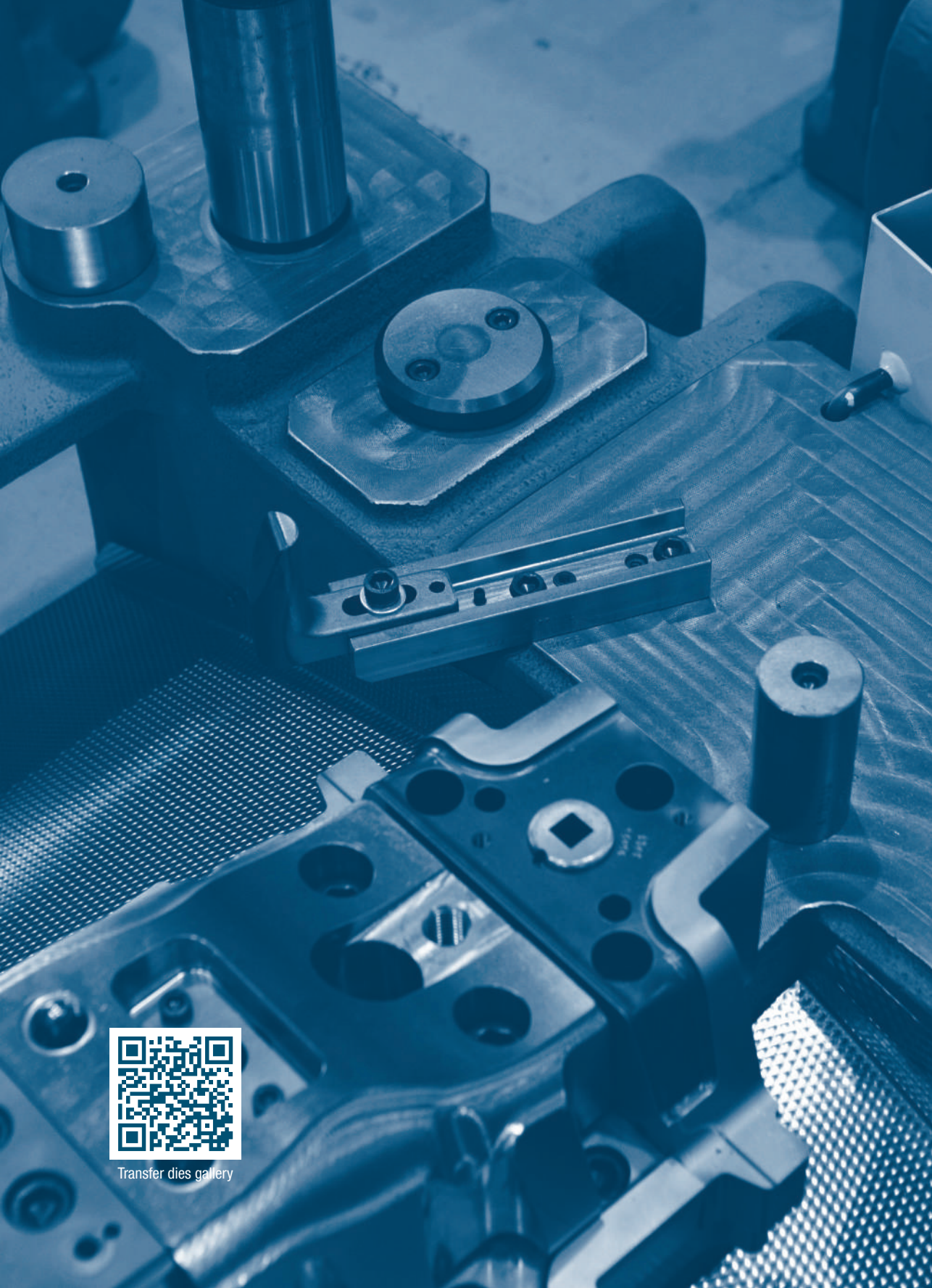
TRANSFER DIES

“All tools are tested, approved and certified ISO 9001: 2015 before delivery”

Based on the specifications required by the customer, **transfer tools** are designed and customized to obtain the maximum reduction of the sheet metal used in each production cycle. In addition to the precision of the component, this guarantees important advantages in terms of production costs.

La.me.s. develops and manufactures **tools with mechanical or pneumatic transfer systems or with integrated transfer systems (foreseen when the customer has mechanical presses)** in order to meet the most diverse production requirements of the customer.

La.me.s. has decades of experience in the manufacture of drawing, forming, blanking and bending tools for processing prepainted and unpainted sheet metal, aluminum, stainless steel with or without protective film. And this with a wide variety of solutions for the transfer of parts, which range from traditional systems or the use of active grippers or suction cups, up to the solution with robotic systems. A huge variety of mechanical machining processes can also be integrated with more complex operations such as the direct insertion of pins or nuts.



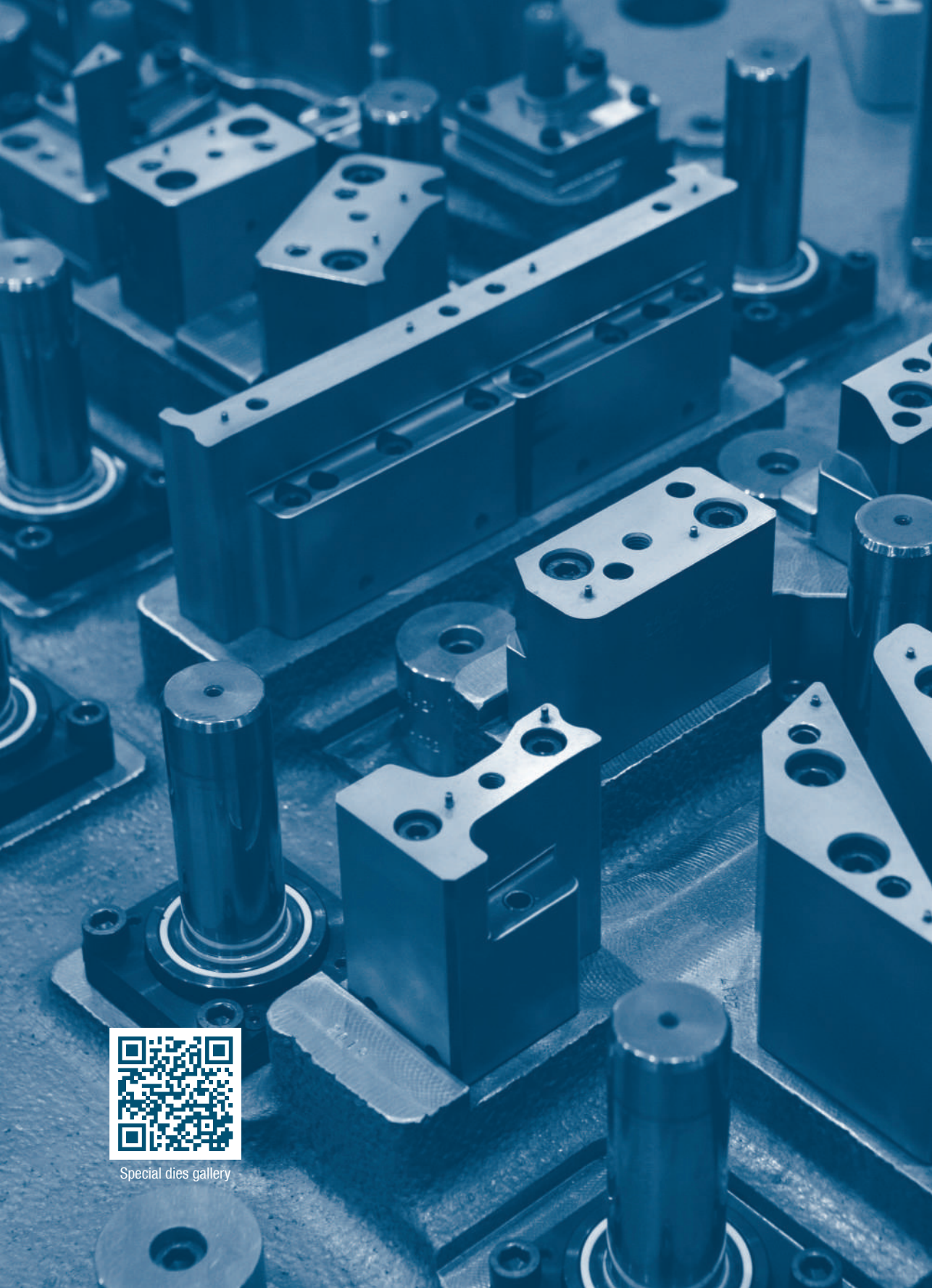
Transfer dies gallery

SPECIAL DIES

“La.me.s. is furthermore able to manufacture prototype tools”

The skills and competencies that have been further developed and perfected over the years enable La.me.s. such flexibility that the scope of supply also includes special systems such as **automated hydraulic lines, hydraulic forming and blanking tools**, robot work islands, blanking benches for profiling lines, and therefore applications not only in the automotive sector, but above all in the vast sector of components in general.

La.me.s. is furthermore able to manufacture **prototype tools** as well as simple forming and bending tools to meet the customer's needs and urgencies of sampling before the series stamping phase.



Special dies gallery

SECTORS

“Supply also includes applications not only in the automotive sector, but above all in the vast sector of components in general”



Automotive

In the Automotive industry the company works directly and indirectly with TIER 1 suppliers.



Household & appliances

Renowned brands in the household & appliance sector rely on La.me.s. for the tool developing, designing and manufacturing.



Building Industry

La.me.s. designs and manufactures dies for the building industry, producing shelving angle brackets, flanges, steel frames and scaffolding.



Furniture construction

The experience accumulated throughout the years in different sectors enabled La.me.s. to develop solutions even in the field of furniture construction and lighting.



Agriculture

La.me.s. develops and manufactures dies for modern agricultural machines such as tractors, lawnmowers and string trimmers.

FUTURE

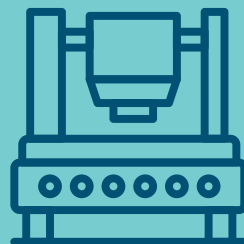
New Headquarters

Our new Headquarters will not only be a larger space but also a means to reach higher levels of excellence. Shaped around our workflow, it will allow us to respond even more exhaustively to the needs of our customers and above all, it will be an even more comfortable place to work at.



Molding production activities

We are planning the purchase of a new press to provide our customers not only with the design and construction of the die but also with a molding service. This will allow us to provide an even more complete and exclusive service, reducing for our customer times and costs due to managing different suppliers.





PLANET

Respect for the environment and sustainable development have always been an integral part of La.me.s.' DNA and observing the Ecovadis project standard allows us to achieve an aware view of the long-term impact on our planet and its inhabitants.



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