

Company Presentation

2023





Our Vision & Mission



Best supplier of EOAT solutions & innovative technology leader.



Complete smart and modular gripping solutions for global automation.



ABOUT GIMATIC

Founded in 1985 and headquartered in Brescia, Italy, Gimatic is a global supplier of pneumatic & mechatronic automation components, vacuum components and EOAT.

Product offering : Handling, plastics, sensors, vacuum & mechatronics components

Sales in 2022 is around **€ 60 M**

15 subsidiaries worldwide

Number of **employees: +300**

It invests big part of its annual turnover in **R&D**

MOLDS



EOAT



CONTROLS



HOT RUNNERS



Barnes Group

67% Industrial Segment

33% Aerospace Segment

1 HQ location

65 Sales Locations

46 Manufacturing Locations

OVER 160 YEARS of history

5.000 people worldwide

Barnes Group's Molding Solutions and Gimatic Businesses Offer Complementary Plastics Processing Technologies



Our company



+38

years of innovation



+200

tailor-made solutions



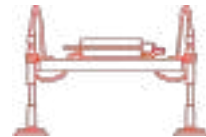
+2.000.000

items produced per year



+180

patents registered



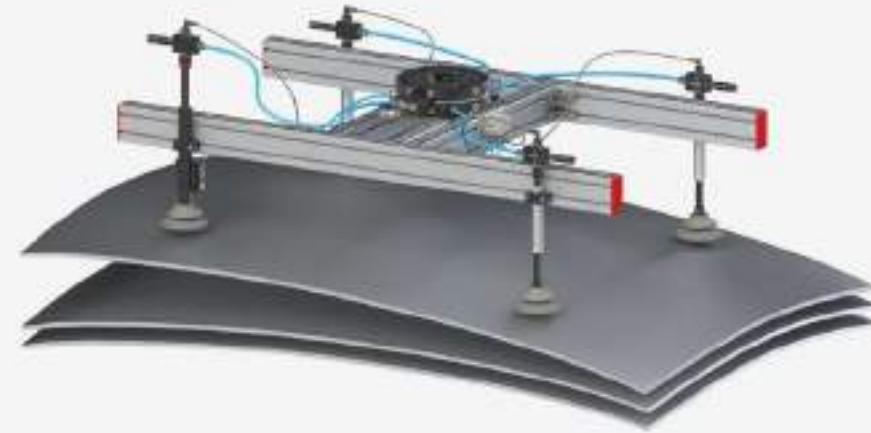
+3000

EOAT installed per year



+4.000

products on the
catalogue

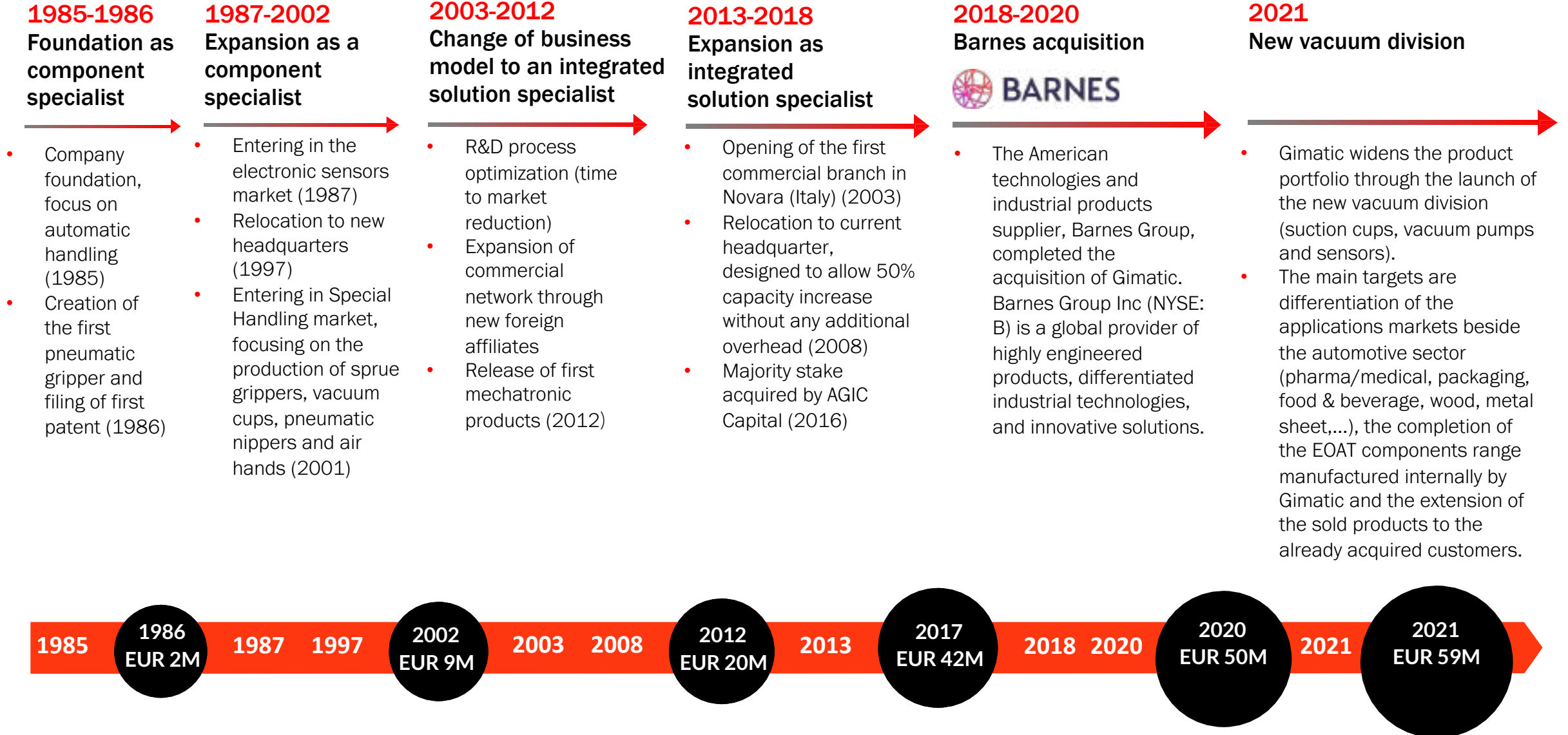


+1.700

products vacuum



Our history





HEADQUARTER

Roncadelle_Brescia



5.000 mq

Existing manufacturing site

+15.000 smq

New manufacturing site



MANUFACTURING

Bagnolo Mella_Brescia

8.000 mq

Existing manufacturing site



Manufacturing sites

In addition to the **headquarter of 5.000 smq** in Roncadelle (Brescia), we have a **manufacturing Plant of 8.000 smq** and **more than 70 CNC machining centres**, where we are able to work every material, starting from both bar and the fusion: stainless steel, tempered steel, aluminium, titanium, technopolymers and zamak.

The Site is in Bagnolo Mella (Brescia) it is specialises in turning, milling and in precision mechanical details production, made to design.



HEADQUARTER

Roncadelle_Brescia_Italy

MANUFACTURING

Bagnolo Mella_Brescia_Italy

SUBSIDIARIES

EUROPE

Italy, Slovenia, Croatia, Italian
Switzerland
Gimatrade Srl

Germany, Austria, German Switzerland,
Netherlands, Belgium (Fianders)
Gimatic Vertrieb GmbH

Spain, Portugal
Gimatic Iberia

Turkey
Gimatic Otomasyon Ticaret AS

Czech Rep., Slovakia
Gimatic Czech rep. S.r.o.

Romania, Serbia
Gimatic Sisteme RO Srl

Poland
Gimatic Polska

France, Luxembourg, Belgium
(Wellonia), French Switzerland
Gimatic France EURL

Denmark, Iceland, Estonia, Finland,
Sweden, Norway
Gimatic Nordic Ab

Competence Center for Europe
Gimatic Balkan

United Kindom, Ireland
Gimatic UK

Bulgaria, Macedonia
Gimatic Bulgaria

EXTRA-EUROPE

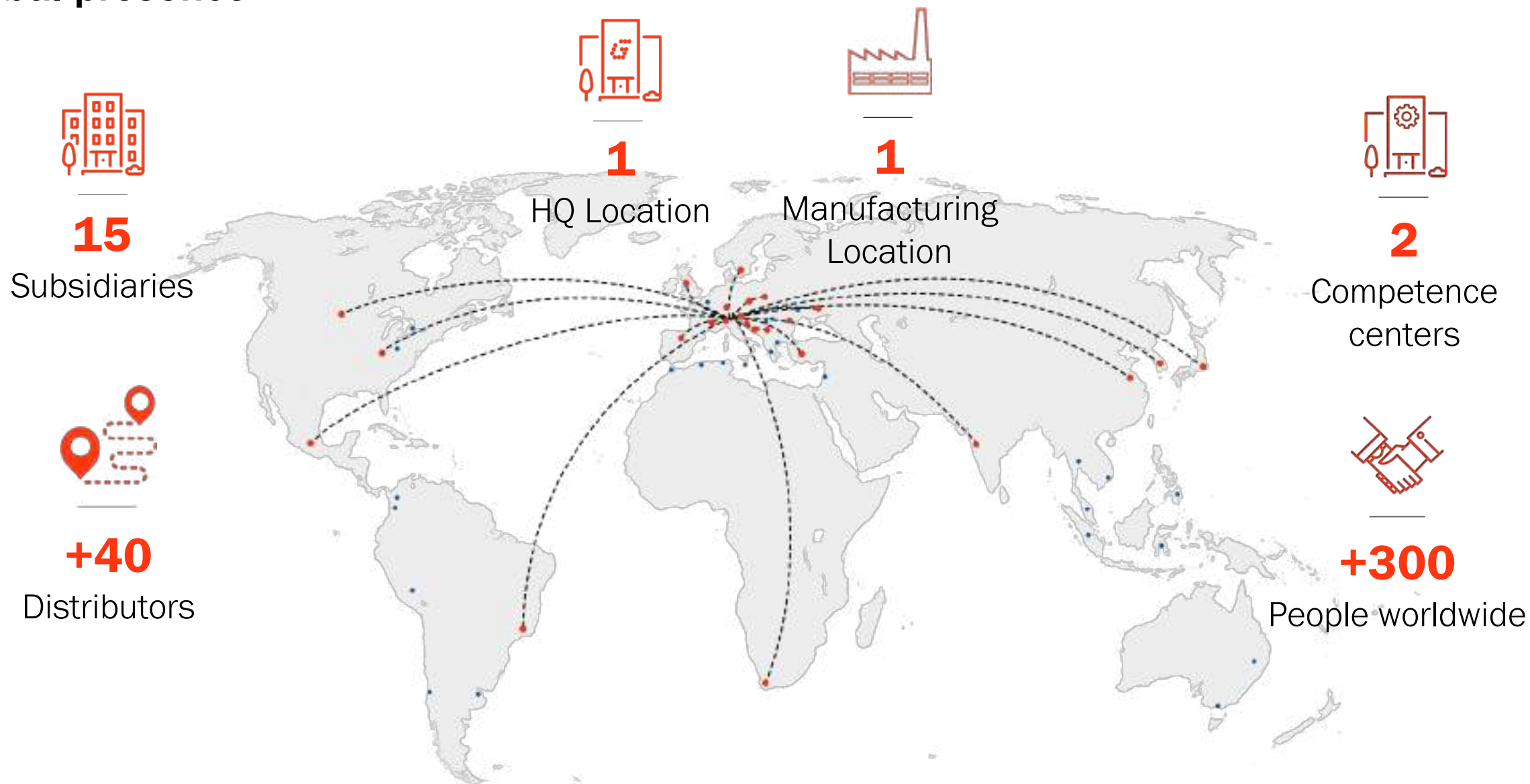
USA, Canada, Mexico
Gimatic USA

China, Taiwan, Asian Competence Center
**Gimatic Automation
Engineering Co. Ltd**

India
**Gimatic Automation
India Pvt**



Global presence





Industries



Automotive

EOAT to handle interior and exterior automotive parts as well as on board customized sensors.



Pharma & Medical

Certified products for cleanroom applications in severe environment too.



Factory Automation

The traditional mix of slide units , grippers and rotary actuators for the mostly typical industrial applications.



Tooling Automation

Pneumatic or electrical grippers and tool changers to suit industrial Robot & Cobot.



Food&Beverage

Solutions and materials food grade approved for the food industry.



Home Application

Light weight EOAT specified to handle home appliance plastics parts.



Vacuum industries



Automotive

Specific components for car and body assembly applications, as well as moulding lines for press departments.



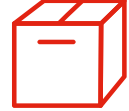
Wood

Suction cups with high wear resistance and perfect for handling the porous and irregular surfaces. Vacuum pumps with integrated blow-off that are dust tolerant typical of the sector.



Plastic

Full range available for the sector. Vacuum pumps can be integrated in EOAT, extremely light, compact and complete with integrated configurations. Suction cups do not leave any marks and are tolerant to high temperature.



Packaging

Full range of high-performance polyurethane suction cups and FDA-approved for handling flow-pack, cartons and unpackaged food.



Pharma & Medical

Solutions for compact and light clean rooms, with conveyable discharge.



Logistic

Custom projects with the use of 3D printing technology to meet the needs of clients.



Metal sheet

Suction cups with high grip and high shear strength to handle irregular sheets, even in the presence of oil.



Glass

Anti-halation suction cups, suitable for regular, irregular/curved surfaces.



Our products



+70

ROTARY UNITS

pneumatic and electric



+150

QUICK CHANGER

electric or manual



+1.200

GRIPPERS

parallel, angular, expansion, one-finger with pivot, one finger linear, magnetic, radial, 3-jaw, 3 jaw electric, parallel electric, radial electric, angular electric



+100

LINEAR ACTUATORS

pneumatic



+1.700

VACUUM

cartridges, pumps, suction cups, switches, suspensions, suspensions with brake, filters, angular joints



+450

PROFILES AND BRACKETS

modular clamping system



+200

SENSORS

magnetic, inductive, ultrasonic, optical, shock, laser, multi-sensor tester, accessories, mold monitoring, accessories



+80

NIPPERS

air nippers



+200

OPTIONS

compensation kit, fittings, accessories, power supplier/converter



+15

KIT ROBOT

dedicated robot kit for UR and TM robots and IP65 gripper cover for ISO4 / ISO5 cleanrooms



Our services



3L laser cutting service

Stainless steel or aluminium
Different thickness available



Metal inserts

Threaded metal inserts
Mounting in 3D-printed parts
Different thread sizes available



3D printing service

HP jet fusion
PA12 GB material
48h shipping
Optional glass-fibre material



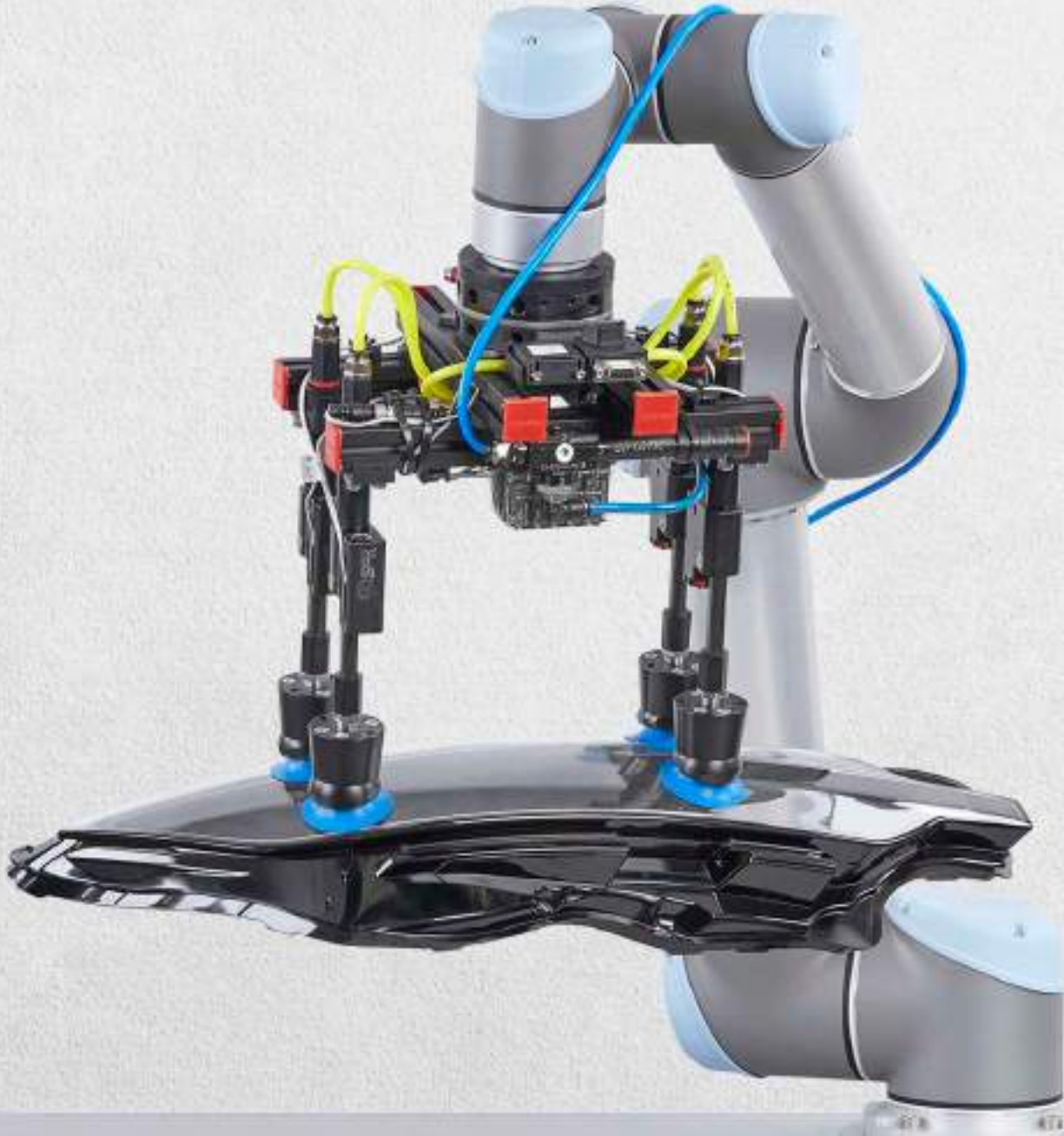
3M metal working service

Delrin 900P nco10 or aluminium alloy



Pads

Tailor made by the 3D Printing Service
HNBR 60Sh.A/Flocked
TPU 70Sh.A
PU 70Sh.A



E.O.A.T. END OF ROBOT ARM TOOLING

QUALITY AND PERFORMANCE

We have **local services worldwide for supporting all the EOAT (end of arm tooling) production steps:** design, assembly, testing of moulds, installation and after-sales service localized and standardized worldwide.

Thanks to the RFID monitoring system, traceability and data management is guaranteed at 100%.

Our E.O.A.T

QUICK CHANGER

- Safety devices to prevent robot start when incorrectly mounted, cut compressed air, poka-yoke in EOAT changeover
- Electrical and squared versions

TILT UNITS

- Most complete range in the market

PROFILE & BRACKETS

- High positioning precision between profile and brackets
- High stiffness with go-pro-style for precision durability
- High precision in insert placement

SENSORS

- Programmable sensors, the only one in the market with 3 positions
- Modular sensor box, with independent spare parts

DEGATING DEVICES

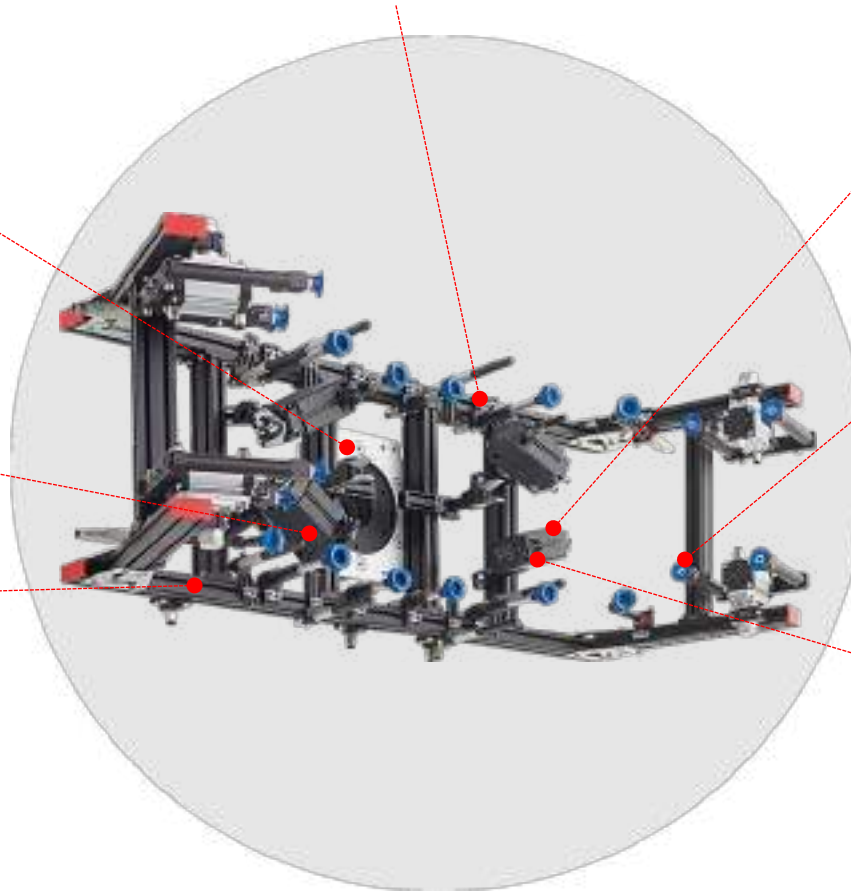
- Widest range in the market
- Integrated sensors
- Interchangeable blades
- Integrated heating system

LEVELLING AND VACUUM

- Lightness, integrated and protected spring
- No lubricant presence Auto-adaptivity
- Not marking vacuum cups
- Vacuum pumps with quick release and blow-off system

GRIPPERS

- Widest range in the plastics market
- Integrated sensors
- Pads for soft contacts
- Patented concepts





EOAT_ Service for international projects



WORLDWIDE LOCAL SERVICE

15 subsidiaries and +40 dealers located worldwide, to support locally all the EOAT manufacturing steps (design, assembly, trial with molds, installation), even if they are executed in different countries and through mold maker interface.



INTERNATIONAL

Post sales service located and standardized worldwide, to support the customer also after eventual production equipment transfer. Products catalogue in 12 languages.



TRACEABILITY & DATA MANAGEMENT

RFID and mold monitoring to keep production data under control, to prevent production stop or slowdown (predictive maintenance), to avoid crashes (poka-yoke), to speed up the robot programming and the spare parts ordering process.



Gimatic global/regional frame agreements key factors

Gimatic, present worldwide through **50 automation centers**, can provide a real global partnership. The stipulation of a **frame contract** allows our customers the access to the following **advantages**:



INTERNATIONAL PROJECTS MANAGING

Possibility to allocate the **project steps** (engineering, design, manufacturing, test, installation, post-sales assistance) **in different countries**, through a **central coordination**.



CUSTOMIZED ITEMS PROVIDING

Possibility to require **customized gripping items**, on the base of special needs, common to all footprints, through the support to our central R & D Department.



GLOBAL BLANKET ORDERS MANAGEMENT

Possibility to issue blanket orders, in order to **optimize price and delivery time**, for the items characterized by constant use worldwide.



TRAINING AND UPDATING

Possibility to access to our training service, through the support of our local Sales Engineers, in order to be **continuously** and **promptly** updated about new products.



COMPETITIVITY

Possibility to get **better commercial conditions** based on the worldwide sales volume level, in order to increase the competitiveness.



STANDARDIZATION

Possibility to get **standard solutions** on the base of **lesson learned** concepts, through the coordination of the worldwide local project management staffs.





TECHNOLOGY INNOVATIONS

GREATER EFFICIENCY, LONGER LIFE AND
LESS WASTE

Gimatic, has always been careful to technology innovation, so has made possible today a continuous integration of its products, its services (3D printing, laser cutting...) and its technologies (RFID, web service...) in an optical of **Information Technology and Industry 4.0**



Traceability, data management and energy efficiency

01

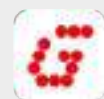
www.gimatic.com
RFID Webservice

TRACEABILITY EOAT

Thank to the QR on each hand grip, you can access to the general information of the hand grip itself and the manual of use and maintenance.



02



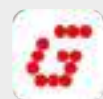
GIMATIC APP
RFID - only for Android

NFC/RFID

Gimatic App functionality that allows the identification of the gripping hands (E.O.A.T), verifies the condition of the product and collects information in terms of preventive maintenance.



03



GIMATIC APP
for Android e IOS

«FIND PRODUCTS» WITH THE CAMERA

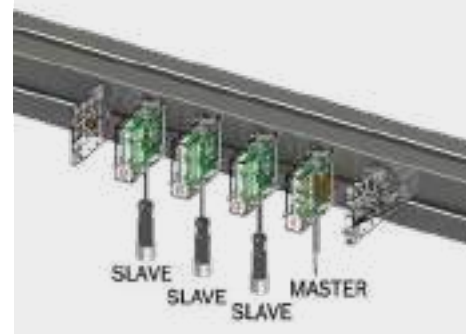
The Gimatic App functionality that, thanks to the recognition with camera, allows you to quickly find all the information about the product you are looking for.



04

SENSOR BOX

It is a fully customizable system, consisting of one or more modules that can be connected in serie, creating specific applications.



05

PRO SENSOR

Programmable sensors with 3 positions output. They are available in the following versions: standard or high sensitivity, 3 fixed positions or 2 fixed + 1 automatic.





Kit Robot and Cover



01

Products and components for TM collaborative robots



02

Products and components for UR collaborative robots



03

Products and components for DENSO collaborative robots



04



Solutions for handling in a clean room (GMP)



Strenghts



+35 YEARS
OF INNOVATION



INNOVATION
ORIENTED



GREEN
PRODUCTION



TIME TO MARKET



VERTICAL
PRODUCTION



SINERGY DIVISIONS



100% PRODUCTS
TRACEABILITY



EOAT
TRACEABILITY



PRODUCTS WARRANTY



PRODUCT
VALIDATION



TAILOR MADE
APPROACH



SHIPMENT IN
24 HOURS



ELECTRONIC
DEDICATED INTERFACE



COMPETENCE
CENTRES



GLOBAL AGREEMENTS



GLOBAL
COVERAGE



INTERNATIONAL
PROJECT MANAGEMENT



INTERNSHIP/
UNIVERSITY





Thank You

Get in Touch



www.gimatic.com