

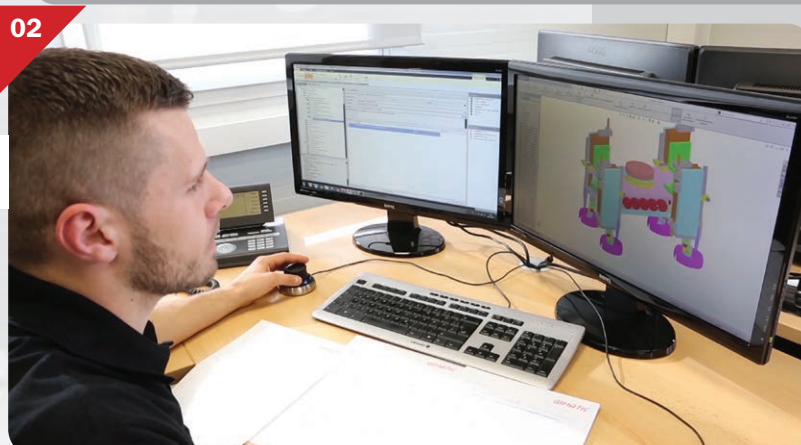
BRIEFING

Our local branches are skilled supporter for your specific needs. Global experiences become local solutions.



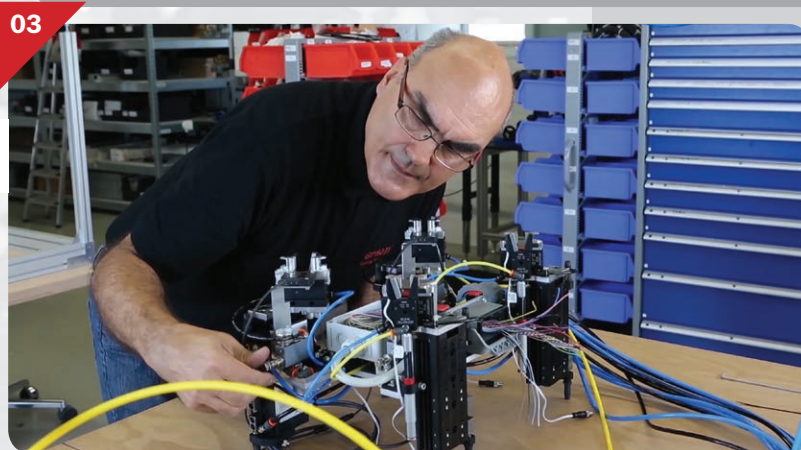
DESIGN

We design and assemble always based on CAD drawings, based on profiles, custom plates or 3D printed parts. Each system includes parts documentation, CAD files, pneumatical end electrical circuits, risk analyses.



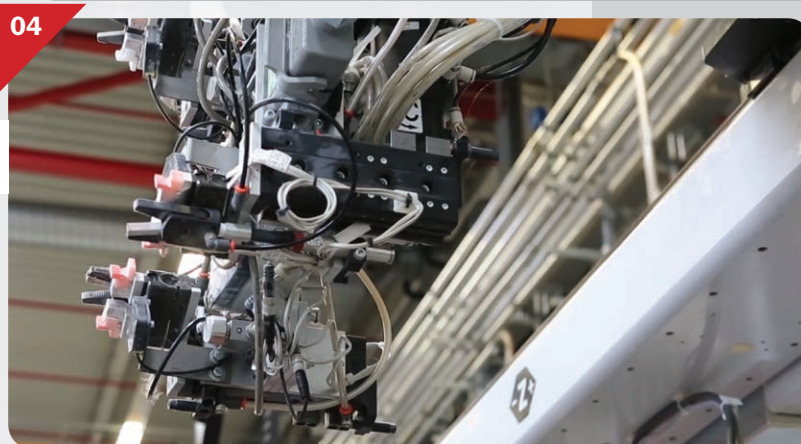
ASSEMBLY

Wiring and pneumatical schemes follow your technical specs, equipped to be easily integrated with your Robot-side including electrical interfaces and sensors.



INSTALLATION

Installation and startup service are worldwide granted by the Gimatic network.

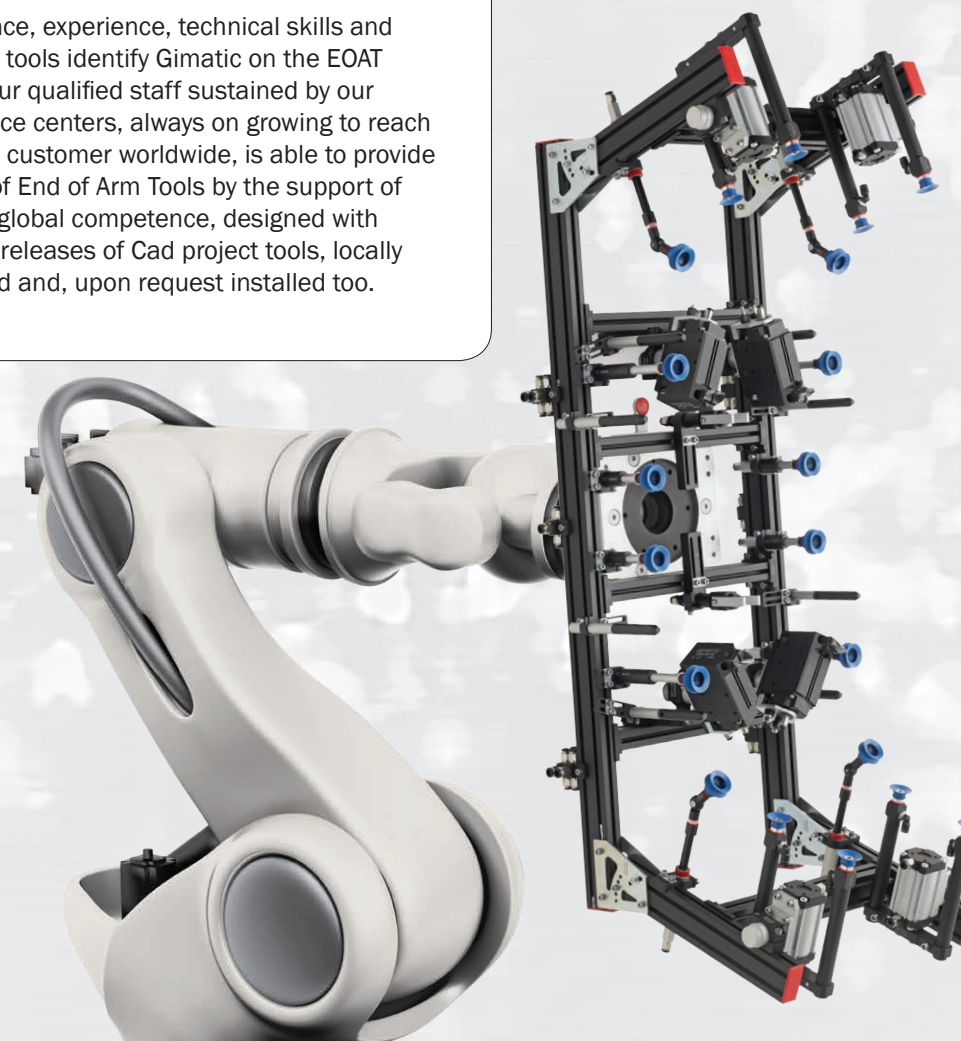


PLASTICS



E.O.A.T. ALL IN ONE HAND

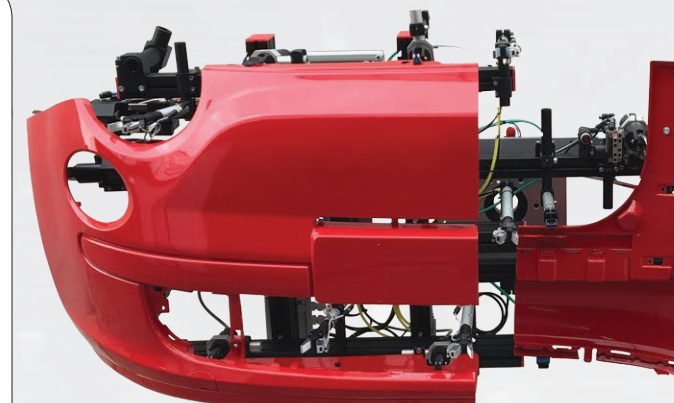
Competence, experience, technical skills and dedicated tools identify Gimatic on the EOAT market. Our qualified staff sustained by our competence centers, always on growing to reach any single customer worldwide, is able to provide any kind of End of Arm Tools by the support of local and global competence, designed with the latest releases of Cad project tools, locally assembled and, upon request installed too.



End Of Arm Tooling

What is the EOAT? It is the frame (with all necessary tools) mounted on the robot used to unload the injection moulding machine. Its jobs are:

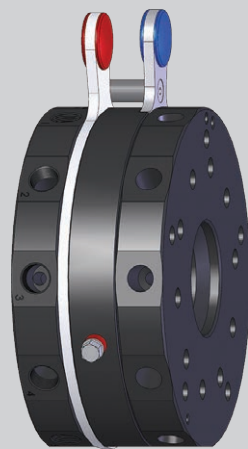
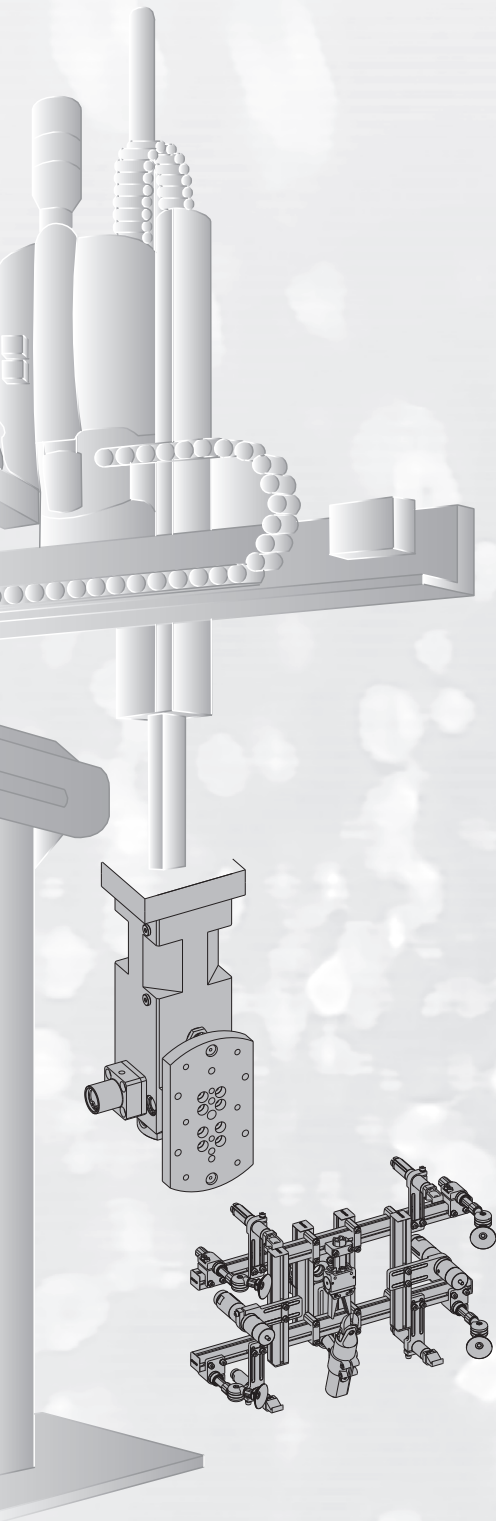
- to take the molded part out of the mold;
- to grip it firmly;
- to separate the molded part from the sprue;
- to grip the sprue after cutting;
- to drop the sprue in the recycling machine;
- to unload the molded part onto a pallet or a conveyor



Gimatic Srl - Via E.Ferrari 2/4 - 25030 Roncadelle (BS) T. 030 2584655 - F. 030 2583886
E. info@gimatic.com - W. www.gimatic.com - C.F e P.I. IT02969010178

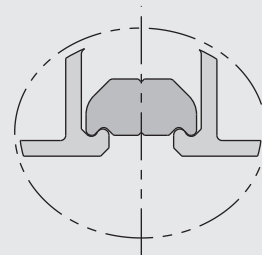
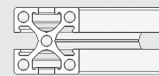
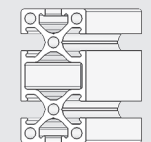
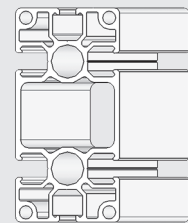
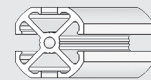


End of Arm Tooling (EOAT)



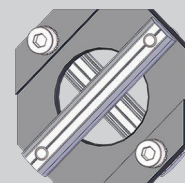
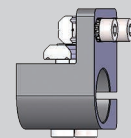
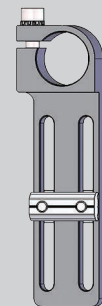
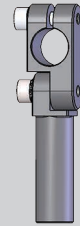
QC

- Quick changers for easy connections between the robot and the EOATs
- 15 models and 5 sizes up to 75kg payload
- Pneumatic and electric connections
- Air valves
- LOQC for the safety lock
- RFID for the identification of the EOAT



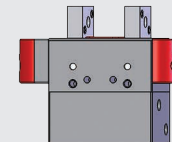
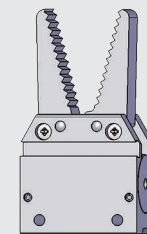
EMB

- Aluminum profiles for the EOAT framing
- Special nut design for a rigid fastening
- Black and silver anodization
- Square or round shape
- 15 sizes



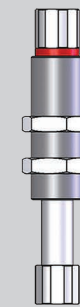
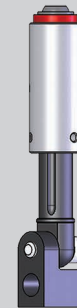
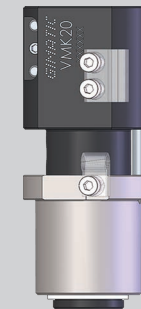
MFI

- Brackets for the actuator mounting on the frame
- More than 500 codes for a perfect positioning



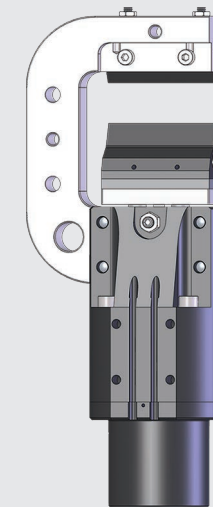
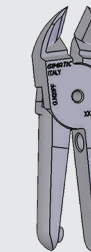
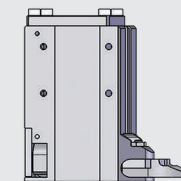
Grippers

- One or two finger pneumatic grippers
- Expansion gripper
- For the part holding
- For the sprues holding
- For accurate insert positioning
- More than 200 codes EOAT dedicated



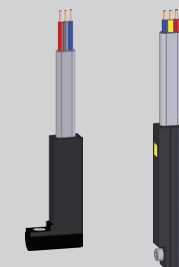
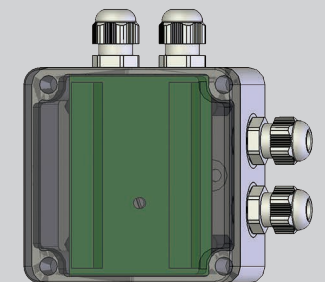
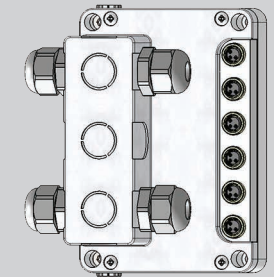
VS

- Vacuum cup holders
- Suspensions with internal spring
- Rotative or non-rotative
- Non-marking rubber materials
- More than 500 codes PLASTICS dedicated



GN

- Nippers for degating
- Scissor or guillotine style
- 10 nipper sizes
- Interchangeable blades



SB

- Sensor boxes for processing the signals from the actuators

GN PLASTICS

