CIDONIO

COMPANY BROCHURE · 2026



Design and manufacturing of sheet metal dies

Sheet metal dies · since 1969

UNI EN ISO 9001
TÜV SÜD

In-house 3D CAD technical office

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Cidonio Stampi: building sheet metal dies since 1969

History and profile

Our history

For over 55 years we have been designing and manufacturing dies, tooling for cold sheet metal stamping, precision machining and stamping. Over time the company has consolidated its position, playing a leading role and building on a strength that still sets it apart today: the quality of the products it supplies.

- 1969The company is born from the passion of founder Filippo Cidonio, with very limited means but a wealth of experience and determination.
- 1999Award for 30 years in business, for its contribution to economic and social development.
- 2006“Premio Rosà che lavora”.
- 2013His children take over, with the same determination and a clear goal: quality and safety for the customer, by strengthening research and innovation.
- 2014Title of “Maestro Artigiano” (Master Craftsman) conferred by Confartigianato Vicenza.
- 2019We celebrate 50 years of history.

Company profile: our strengths

“Our facility has a large production department, a technical office for design and a sales office able to examine customer requests, assess them and put forward proposals very quickly.” We can meet the most diverse requirements across a wide range of industries, with a high level of quality and reliability.

Large production department In-house toolroom with CNC machining centres, EDM machines and grinders to build the die from start to finish.

Awards

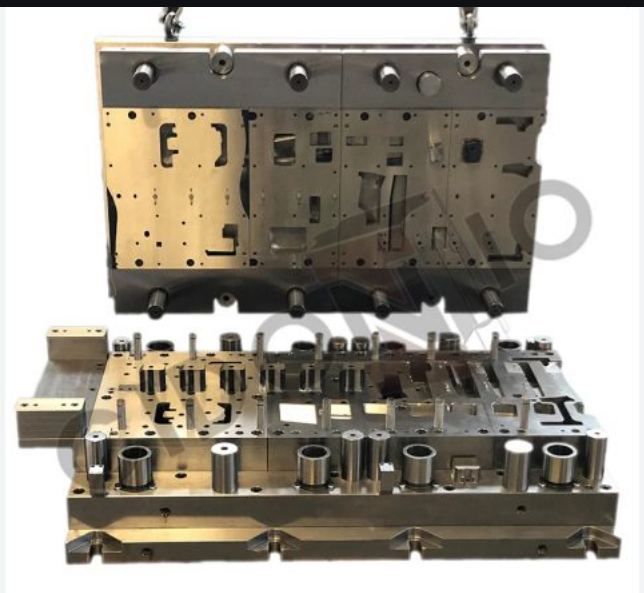
In 1999 the company received the award for 30 years in business, standing out in the sector for its contribution to economic and social development.

Later awards include the “Premio Rosà che lavora” (2006) and the title of “Maestro Artigiano” (2014) conferred by Confartigianato Vicenza.

Let's talk about your next die

Tell us about the part you need to produce: our technical office will reply within 24 working hours.

Request a quote



Progressive, transfer and compound dies for sheet metal

Dies

Types of dies

We build transfer dies with gripper systems, progressive dies, dies with tapping units and compound dies for part assembly, as well as assembly fixtures.

Progressive dies Blanking, bending and forming in sequence on the same strip, for efficient, repeatable series production.

Guaranteed durability and quality

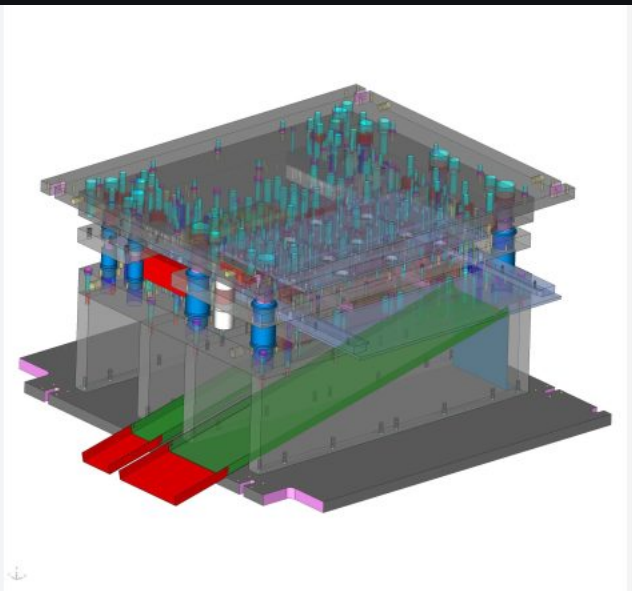
Every die we build is delivered with guarantees of durability and of final product quality. 3D CAD design, certified steels, controlled heat treatments and testing with sample batches are the foundations of a die that stays reliable over time.

Our machine fleet

We design the ideal solution for your sheet metal

Attach 2D drawings or 3D models (PDF, STEP, IGES, DXF, DWG) and specify the material, thickness and annual volumes: we will assess feasibility and reply within 24 working hours.

- Feasibility study together with you
- Files used solely for technical assessment
- Direct contact with the engineers who design the die



Technical office: 3D CAD design of sheet metal dies

Design

The design stages

Our technical office is staffed by engineers with twenty years of experience. We divide the design work into clear, shared stages.

Feasibility study
We analyse the project together with the customer to identify the best solution and optimise costs and performance.

Pilot die
When needed, we build “pilot” pre-production dies to verify that the product is correctly produced in the critical stages.

3D CAD design
Three-dimensional design with state-of-the-art CAD software and virtual simulation of all die movements before construction.

3D CAM and data network
The machining centres are programmed in 3D CAM from a dedicated workstation; the internal data network eliminates paper drawings and reduces the risk of error.

Sampling and pre-series
We support production through to customer acceptance, with sampling and pre-series runs.

Focus: the pilot die

The pilot die service is designed to give the customer the assurance of a sound product in the critical construction stages, while maintaining precise tolerances in final stamping.

It is particularly useful for complex or new parts, where the forming stages need to be validated before the final die.

The job cycle

From enquiry to after-sales support: every die follows a defined path, with the technical study running in parallel with the commercial side.

Job

- 01Customer
- 02Cost assessment
- 03Design
- 04ManufacturingScheduling · Material orders · Construction · Heat treatments · Assembly · Fine-tuning and adjustments



Precision toolroom: CNC machine fleet and EDM

Toolroom

From 3D design to the machine, paper-free

Many years ago we introduced three-dimensional design, which allows a virtual simulation of all die movements before construction: this is how we build even highly complex dies.

All products are designed with state-of-the-art CAD software covered by update contracts; the vertical machining centres are programmed with 3D CAM technology from a dedicated workstation. Thanks to our internal data network we cut transfer times, avoid paper drawings and minimise the risk of human error.

The machine fleet

Maximum accuracy and precision in fits during assembly.

Technology and precision at the service of your company

Do you need a die or precision machining? Write to us.

Contact us now



Bean Force: up to 10 times the force, from the bottom upwards

Cidonio innovation · Bean Force

CIDONIO'S BEAN FORCE

What the Bean Force is

It is a device to be integrated into the die which, thanks to an innovative lever principle, multiplies the effort of an initial force (F1) supplied by a gas spring, a mechanical spring or an elastomer compression spring.

The multiplication factor reaches up to 10×, selected according to the required force and the space available in the die.

The real innovation

The multiplied force is developed in the opposite direction to the initial load force: in a blanking die mounted on a vertical press it therefore acts from the bottom upwards.

Once forming is complete, the multiplier disengages at zero force and allows the press to continue its stroke: the die can thus work on several Z levels in the same cycle.

Not just dies: wherever a force needs multiplying

The Bean Force principle is not tied to the die: it can be used in any application where a force needs to be multiplied in a small space, starting from a spring or a small actuator.

High-pressure valves High closing and sealing forces with smaller actuators or springs.

How it works, step by step

Initial force F1
A gas, mechanical or elastomer spring supplies the starting force.

Lever multiplication
The lever principle multiplies the force up to 10 times, in the opposite direction to the load.



ISO 9001:2015 certified quality: tested and traceable dies

Certifications

UNI EN ISO 9001:2015 quality system – TÜV SÜD

Cidonio Snc has completed the process to obtain UNI EN ISO 9001:2015 certification with the certification body TÜV SÜD.

Every job is managed and monitored for time and cost with supervision and control software.

How we guarantee die quality

Certified steels The steel we use is supplied by certified companies that provide technical documentation for every product: metallographic analyses, hardness tests and non-destructive ultrasonic testing.

Heat treatments Heat treatments and coatings are carried out by certified companies with a dedicated testing laboratory; for every check they perform tests as an ACCREDIA-accredited laboratory.

Dimensional inspection

Dies are tested by measuring a sample batch of parts with dimensional inspection machines.

Our UNI EN ISO 9001:2015 certificate

View the certificate issued by TÜV SÜD: you can enlarge it or download it as a PDF.

Quality policy

The quality policy of Cidonio Stampi's management, the foundation of the UNI EN ISO 9001:2015 Management System.

We certify the excellence of your industrial project

Request technical documentation or a quote for your die.

Contact us now



Industries served: dies for electric motors, automotive, household appliances and construction

Industries

The industries we work in

Electric motors
Dies for blanking stator and rotor laminations, where cutting precision and tool life are decisive.

Automotive
Blanked, bent and deep-drawn sheet metal brackets, supports and components.

Household appliances
Components for small and large household appliances.

Terminals and connectors
High-speed small metal parts for terminals, connectors and electrical equipment.

Electronic components
Precision small metal parts for electronic components.

Combustion and gas
Parts for combustion technologies and the gas sector.

Construction
Sheet metal and tubular components for the construction sector.

Furniture
Sheet metal guards, supports and parts for the furniture industry.

Experience pays off

Over 50 years of excellence at the service of your industry. Tell us about your part.

Contact us now



Where we work: sheet metal dies across Italy

Where we work

From our base in Rosà to the whole of Italy, Europe and the world

Dies designed and built in Rosà (VI) for sheet metal stamping companies in every Italian region, in the main European markets and beyond.

Regions

We also work with companies in Lazio, Abruzzo, Campania, Umbria, Liguria, Apulia, Basilicata, Molise, Calabria, Sicily, Sardinia and the Aosta Valley: contact us for a quote.

- Vicenza and Bassano del GrappaOur home province
- Venetohousehold appliances, mechanical engineering, eyewear and furniture
- Lombardymetalworking, small metal parts and screws
- Emilia-Romagnamechanical engineering, automotive and engines
- Piedmontautomotive, taps and valves
- Friuli Venezia Giuliahousehold appliances and furniture

All services, in every region

Progressive dies Also with tapping units and for high-speed presses.

Discover the service →

Send us your drawing. Technical reply within 24 hours.

Talk directly to the people who design and build your die: no middlemen, reliable lead times and certified quality since 1969.

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Since 1969

ISO 9001 · TÜV SÜD

Reply in 24 h

Sheet 0.05–12 mm

Request a quote

Cidonio S.n.c. Costruzione Stampi di Cidonio Felice e Cidonio Leonardo – P.IVA IT00276970241 – C.F. 00276970241 – REA VI-106244 – UNI EN ISO 9001:2015 TÜV SÜD. Updated 15/11/2026.