

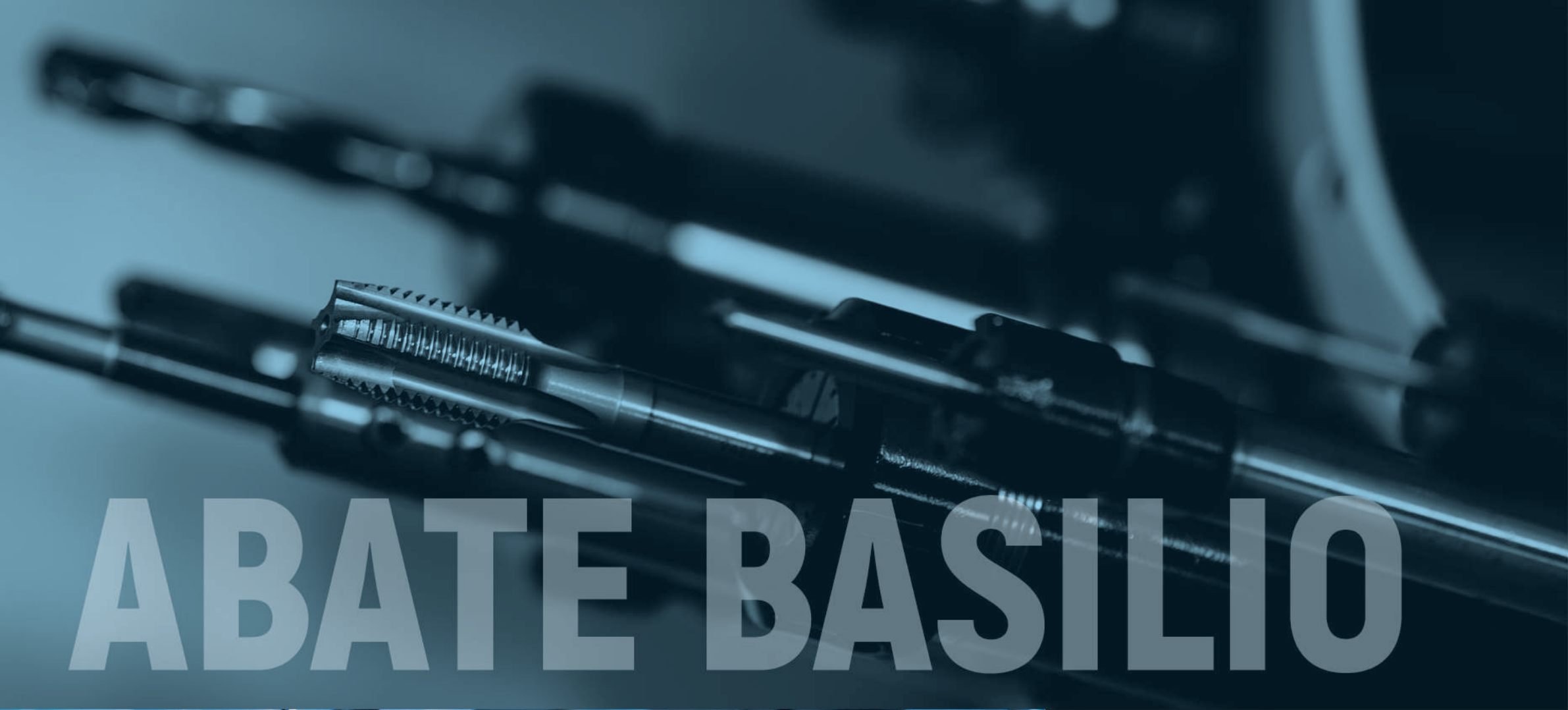
A black and white portrait of a middle-aged man with a receding hairline, looking thoughtfully at the camera. His right hand is resting on his chin, and he is wearing a ring on his ring finger. The background is dark, and the lighting highlights his facial features.

INNOVATION, PEOPLE AND PASSION.

Abate's life is inseparably bound to the character and spirit of its founder, Basilio. His passion, his determination in making the most of the precious legacy of this area, Brescia – a unique expertise in metalworking – have made us surpass the highest standards in precision mechanics. For over 45 years, our knowledge of the past, combined with creative thinking and innovative ideas, has been feeding a deep synergism that runs through all of us.

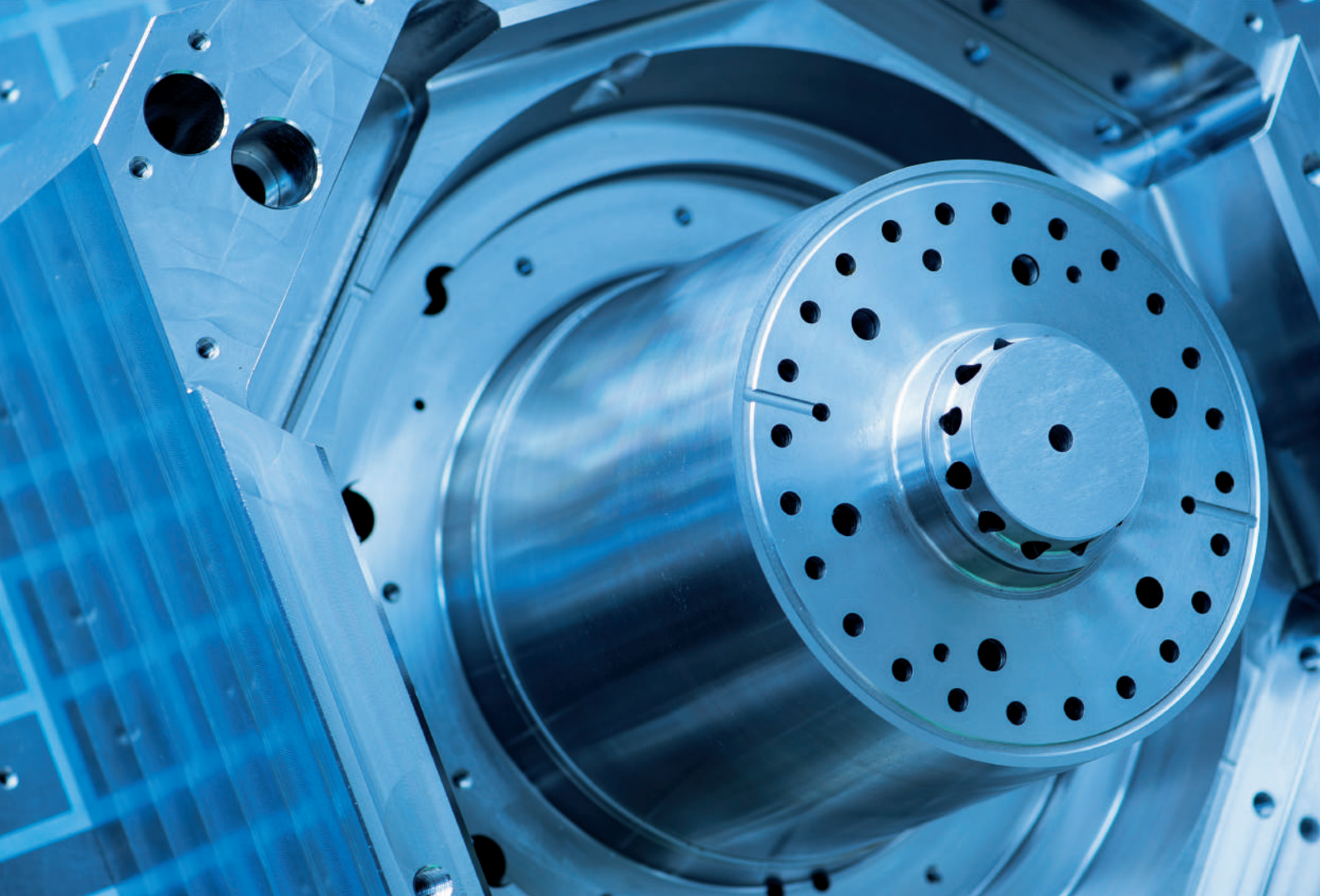
I have proudly taken up the challenge that is innovating and managing in such a rich, noble company. We are all proud of what we do, we are proud of who we are. Knowledge, courage, innovation. This is Abate Basilio's spirit.

Basilio Abate



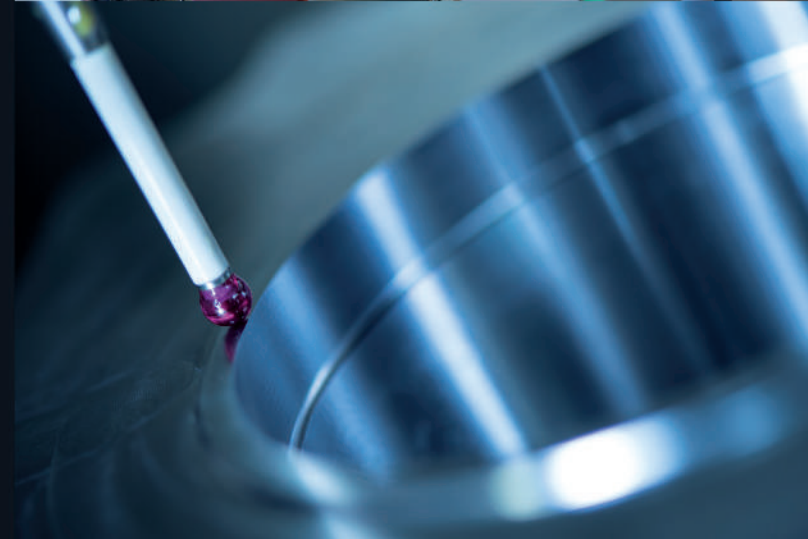
ABATE BASILIO

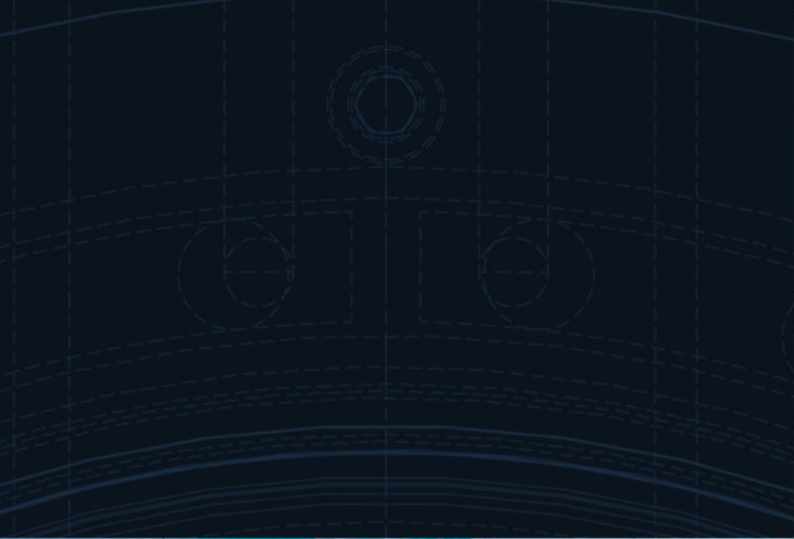
MOULDS FOR CRATES
MOULDS FOR IML CONTAINERS
MOULDS FOR BUCKETS AND PAILS
MOULDS FOR FLOWERPOT



Abate Basilio was founded in 1973 as a precision mechanics workshop and specialises in the production of high-performance plastic injection moulds. For over 43 years, it has been working in the production of moulds as well as in the design of new containers and packaging solutions for its customers, all over the world.

Based on a streamlined functional facility – where direct telephone or personal contacts are the norm –, the company provides innovative solutions, carefully tailored to the customer's specifications.

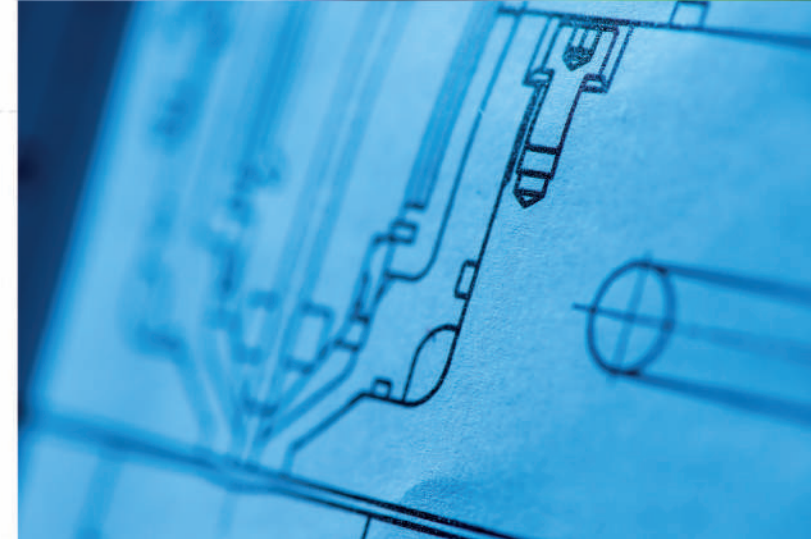
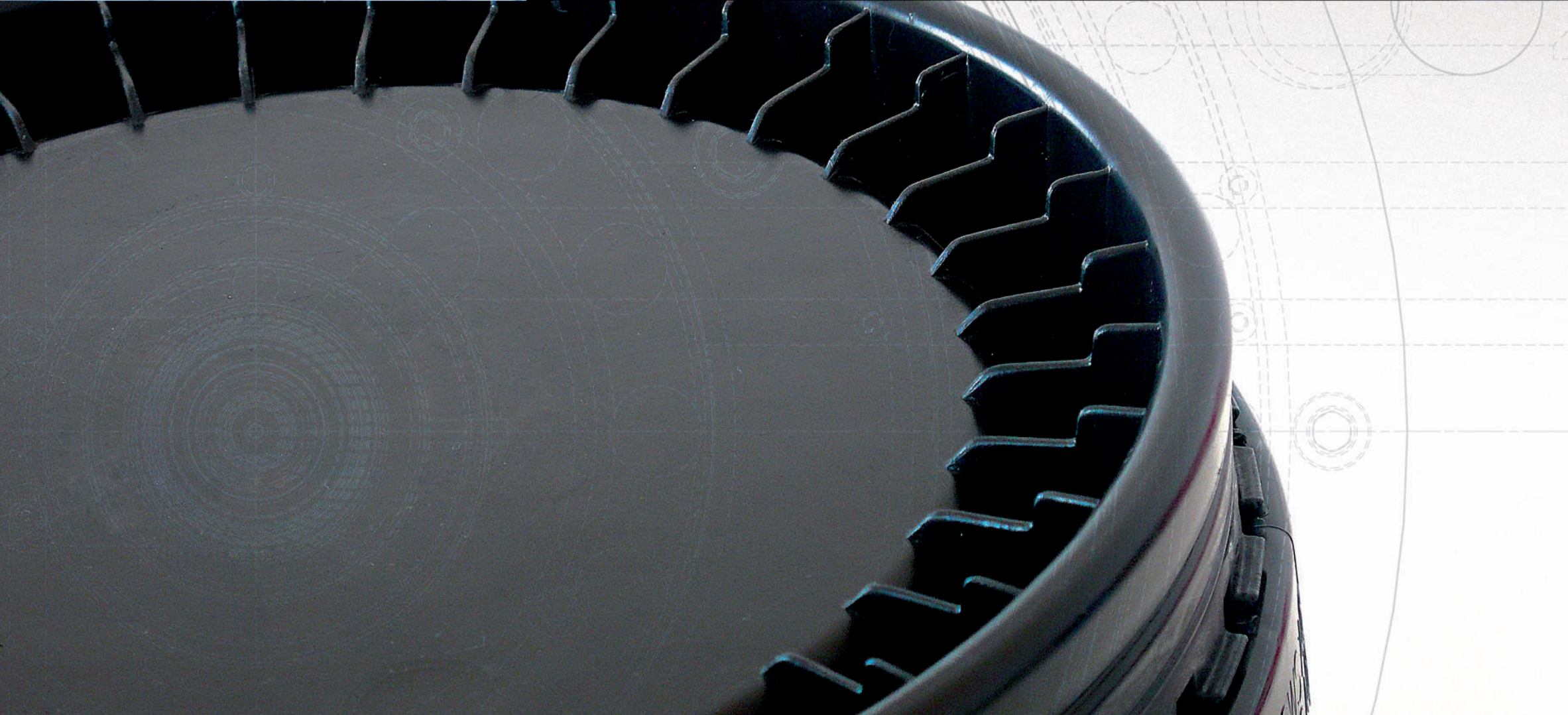




RESEARCH & DEVELOPMENT

The company's research and experience has resulted in endless technical developments that provide customers with unfailingly efficient, cutting-edge injection moulds for the packaging industry. Its extensive knowledge of materials and applications translates into production systems of unrivalled reliability.

Our patented technological solutions apply to mould cooling, centring, handle assembly, modular prints, extraction systems and design of new containers with food-grade or industrial seals. Our patents offer our customers huge advantages in terms of productivity and reliability, compared to our competitors.





INTEGRATED HANDLE ASSEMBLY DIRECTLY MOULDED IN/WITH THE CONTAINER

The IMA® technology, covered by an exclusive international patent registered by Abate Basilio, has been specifically designed for handled containers. No labour is needed to assemble the two parts together, so the production cycles can be optimised 24/7. There's a tangible advantage in terms of production: no extra moulds or presses are required in addition to the handle; the mechanical system rules out any error, it offers greatest flexibility, energy savings and customised storage and moulding solutions.



CONTAINERS WITH SAFE AND DOUBLE LOCK AND ASSISTED OPENING

A sealing solution developed by Abate Basilio with a double or triple seal for buckets or containers. The Quadrowings® moulding technology creates products that are tightly sealed, stackable and strong, which can withstand falls from 150cm above ground. In addition, all these solutions can be customised with the addition of strip off band, tamper-proof systems or rib-free shapes.



TRIPLE LOCK CLOSING SYSTEM WITH TEAR OFF BAND

Triplock® brings together 25 years of research and development in seals for special containers. Such sealing system provides containers/lids with unrivalled performance with equal weight. Designed to make the most of the extremely beneficial IMA® technology. It uses 3 seals and 1 optimised strip off band.



LABELLING DURING MOULDING

A technology brought by Abate Basilio to the highest standards in 25 years. It provides technical and aesthetic properties and advantages for the food and chemical industries.

In addition, Abate's designers provide thorough professional advice to optimise the manufacturing cycle, such as: mould-flow simulations, label shaping, optimisation of weights, calculation of stacks and stacking strength.





**FLEXO®
MOULD**

EXCLUSIVE SYSTEM OF MODULARITY OF THE CAVITIES

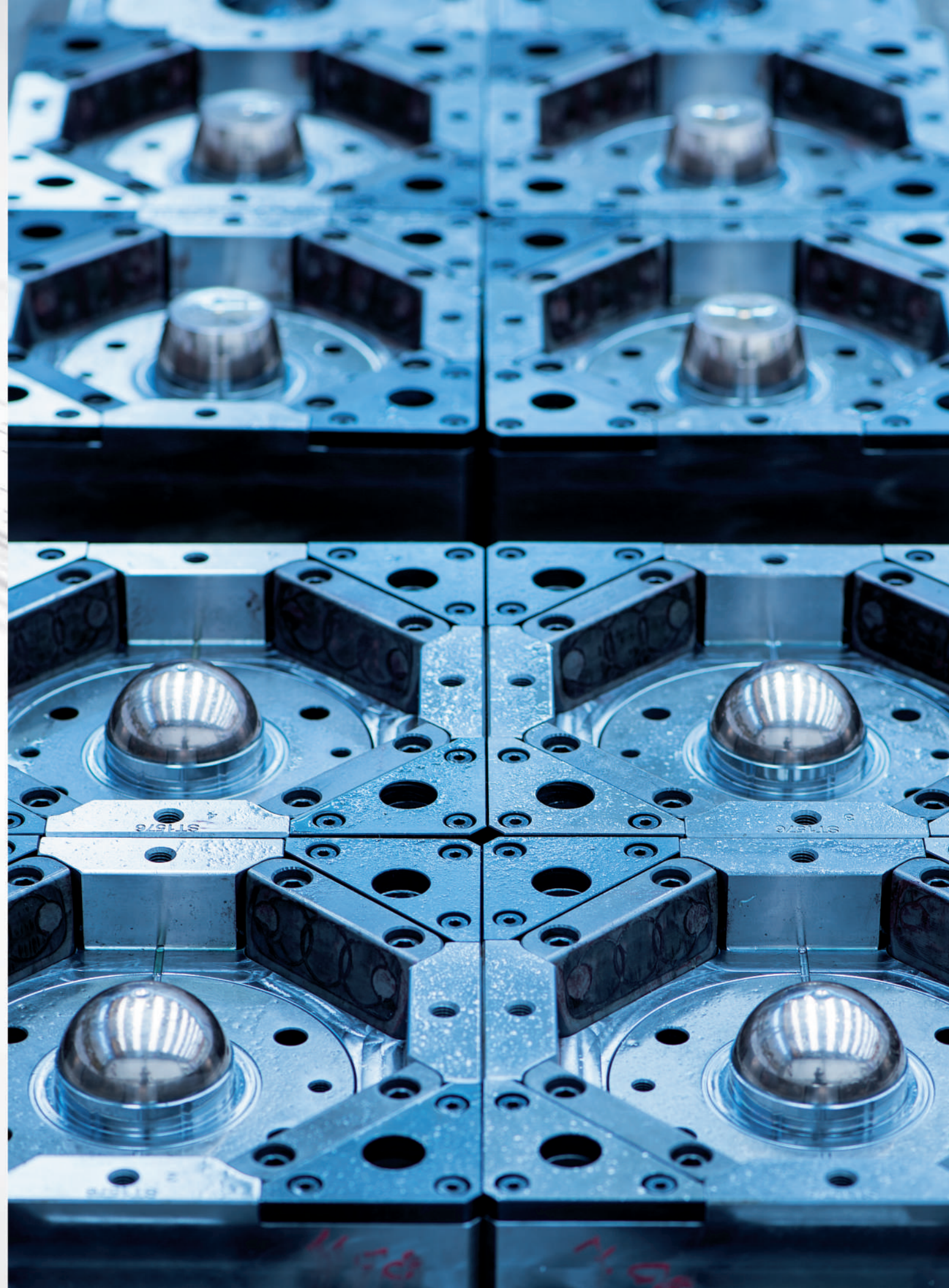
FlexoMould® is a proprietary technology for modular moulds, where the mould size can be changed in perfect safety by simply moving the shelves of the machine. FlexoMould® may be used for very quick changes and to feed in other shapes/sized right on the machine. Moulds made with such technology also make the most of automation, while offering flexibility and optimising all of IML® production lines.



**SQUARE®
THE CIRCLE**

EXCLUSIVE MOULD CENTERING

The Square the Circle® technology is one of Abate Basilio's exclusive patents. The company's pride and joy, this mould-centring solution currently features in production lines all over the world. This technology stands out for its versatility and ease of use. It may be added to any kind of mould (including multi-print moulds). The mould is centred by joining together two parts/surfaces with different finishes and movements, to minimise wear and make the centring last longer.



**INNERCORE®
EXTRA COOLING
SYSTEM**

INTENSIVE COOLING SYSTEM

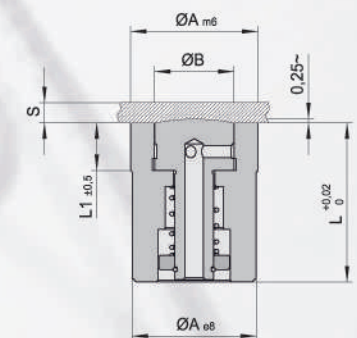
Built on years of experience and research, the Innercore Extra Cooling System® technology is an exclusive patent that upgrades the cooling of truncated-cone moulds. The Innercore Extra Cooling System® can layer up thermal control, optimise any cooling condition, and reduce consumption.



VABA®

VALVES FOR THE AIR SAFE CLOSURE

One of Abate's new patents, which makes moulds more reliable. The safe-lock valve removes the problem of the valve and piping getting stuck and choked by plastic, thus avoiding long shutdown times.

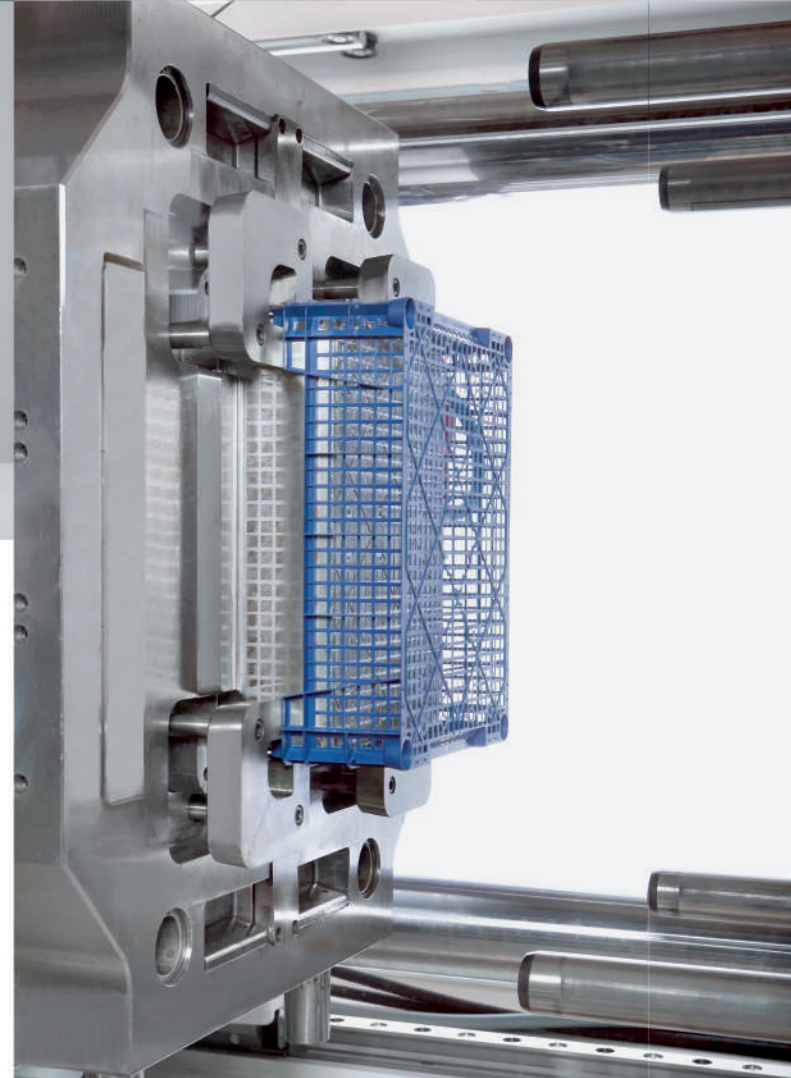
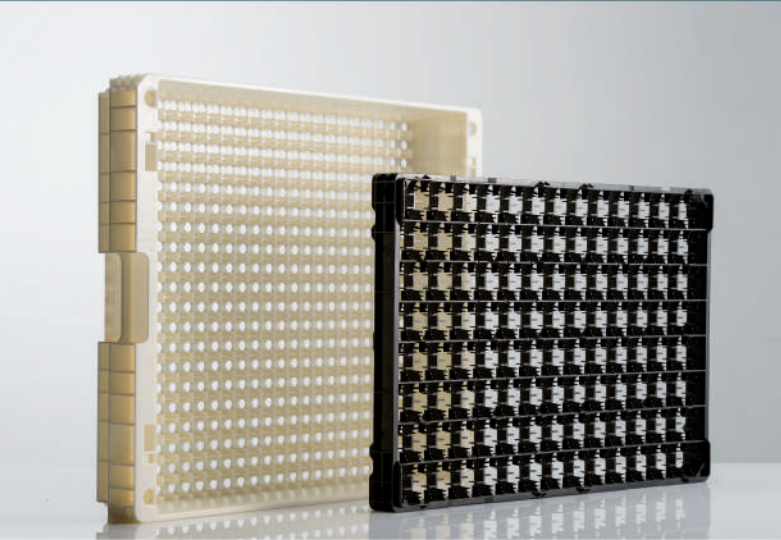




MOULDS FOR IML CONTAINERS

Abate Basilio & C. has gained excellent experience and high quality standards in the production of IML decorated containers. Over the last twenty years, Abate has

designed and delivered over 100 moulds for containers in all shapes and sizes, with two, four, six or more thin prints and tight fastenings, made with the IML technology.



MOULDS FOR CRATES

In its 45 years of experience, Abate Basilio & C. has designed and produced moulds for any kind of box, in all shapes and sizes; boxed for technical and industrial logistics and boxes for any kind of food, boxes for bottles, one-way shaped boxes, thin boxes, stackable

boxes, boxes with collapsible walls, with IML decorations on the sides, with handles.

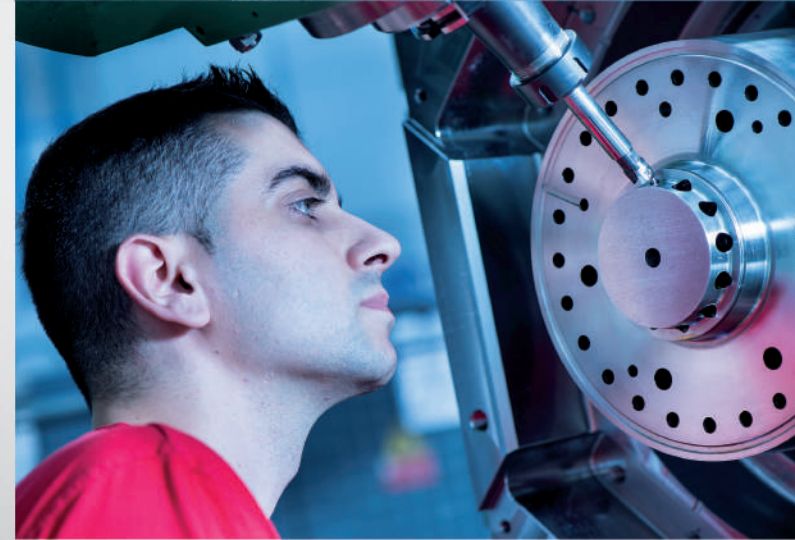
Product development services are available, including quick prototyping, FEM or logistic development, always with the final applications in mind.



MOULDS FOR FLOWERPOT

Abate Basilio & C. designs and produces moulds for vases, using the best product-specific technology, such as:

- Lasting materials for reliable, high-yield moulds;
- Perfect centring and low-maintenance prints (see "Square the circle®")
- Addition of nitrogen dowel pins to offset thermal gradients and keep the bottom drain holes perfectly open.
- Addition of a concrete steel insert to reduce wear and tear, and to use recycled materials as well
- Use of alloys with a high thermal conductivity for intensive cooling and quick cycle times
- Quick knockout, based on patented safe-lock pneumatic systems (see VABA® fill-proof valves)
- Quick cycle time due to the excellent design of the mould and an intensive cooling system (see our "Inner core extra cooling system®" technology)
- The handle may be fitted into the container in one single mould (see "In-mould assembly®")
- Single or multi-print with modular prints (see our FlexoMould® technology)



MOULDS FOR BUCKETS AND PAILS

Abate is undoubtedly one of the world leaders in the production of high-performance moulds for truncated-cone containers, such as food-grade and chemical-grade containers. Customers

may benefit from the experience achieved in the last 20 years. Abate Basilio & C. offers a wide range of patented sealing solutions for buckets and cans, with plain, double and triple sealing systems.





Behind every mould, behind every single product created by Abate's technology, there's not just Basilio's passion, the care for detail of Nicola, the production manager, or Davide's innovative flair. A piece of our people's soul is hidden in every detail. It is because of them, of talking, of experience and passion that Abate Basilio is what it is: not just a simple company, but an inimitable group of unique people.

THE PROTAGONISTS



Debora_10 years with us



Anna_4



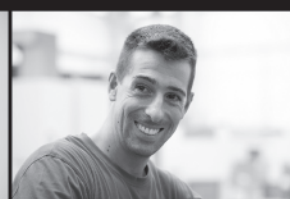
Gabriella_28



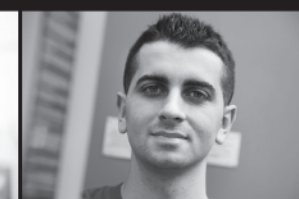
Fabio_16



Massimo_6



Nicola_14



Gaetano_6



Vittorio_3



Diego_20



Daniele_18



Matteo_2



Fabio_25



Danilo_43



Emanuele_20



Giovanni_39



Marco_16

**BEST TECHNOLOGY FOR
PACKAGING PRODUCTS &
FAST CYCLE PARTS**

OUR PATENT



IMA®



**QUADRO®
WINGS**



TRIPLOCK®



**FLEXO®
MOULD**



**INNERCORE®
EXTRA COOLING
SYSTEM**



**SQUARE®
THE CIRCLE**



VABA®

TECHNOLOGIES



**IN MOULD®
LABELLING**

CERTIFICATIONS



**ICIM CERTIFICATE No. 1054
IQNET REGISTRATION No. IT-4279**