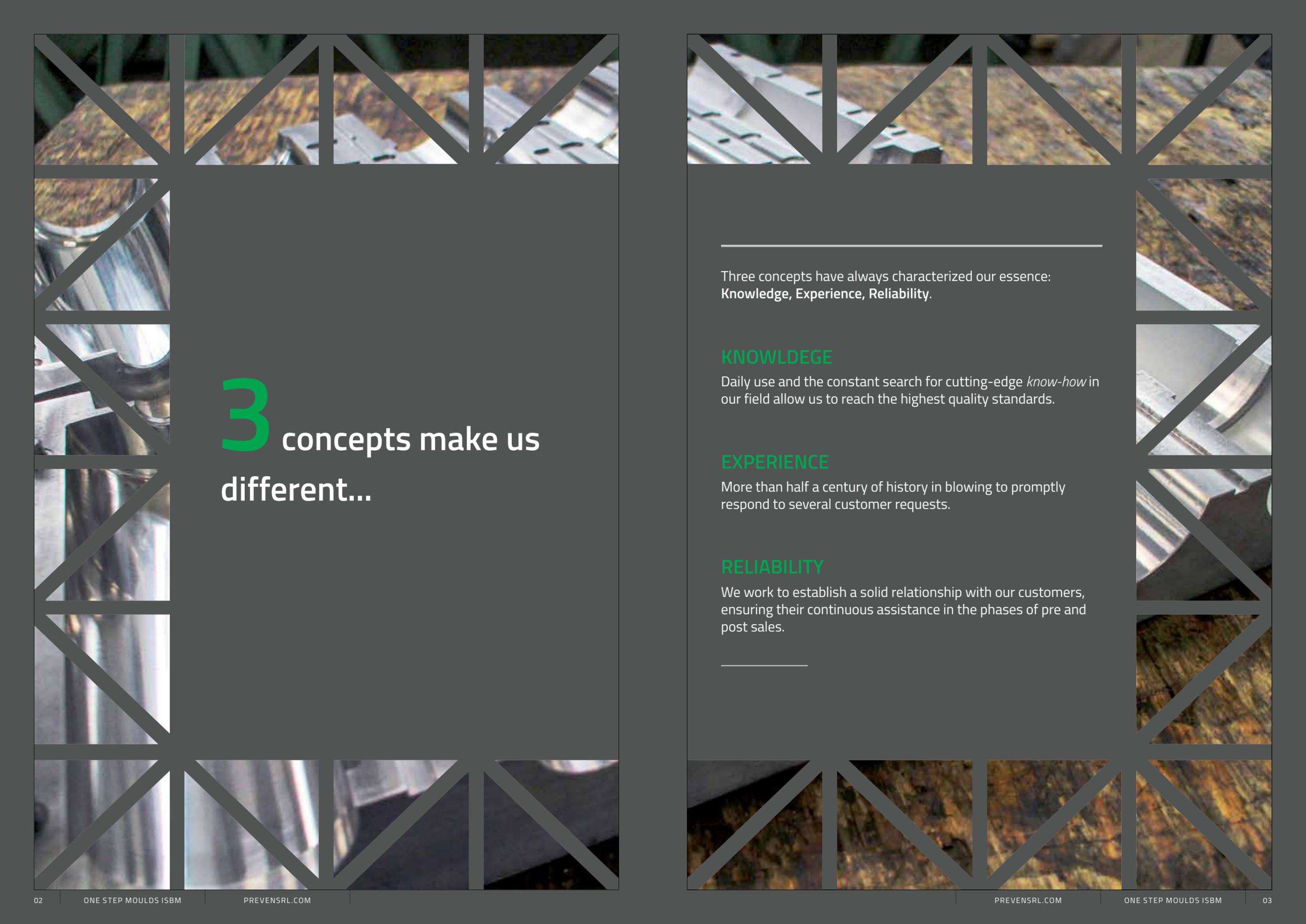


PREVEN

**BLOW
MOULDING
SOLUTIONS
SINCE 1968**

ONE STEP
MOULDS ISBM
INJECTION - STRETCH - BLOW



3 concepts make us
different...

Three concepts have always characterized our essence:
Knowledge, Experience, Reliability.

KNOWLEDGE

Daily use and the constant search for cutting-edge *know-how* in our field allow us to reach the highest quality standards.

EXPERIENCE

More than half a century of history in blowing to promptly respond to several customer requests.

RELIABILITY

We work to establish a solid relationship with our customers, ensuring their continuous assistance in the phases of pre and post sales.

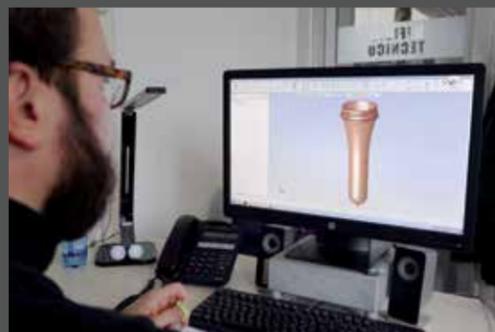


ONE STEP MOULDS ISBM

INJECTION - STRETCH - BLOW FOR ISBM MACHINES ASB NISSEI, AOKI, MAGIC MP, AUTOMA / SIPA

► PREFORMA DESIGN

Our technical office team studies and analyses the bottle *"geometry"* to design the ideal preform for this *"one step"* technology.



► 100% MADE IN ITALY

We design, manufacture and assemble all the components of our mould rigorously in our production plants in Italy thanks to the help of highly skilled staff.



► MOULD TESTING

Thanks to the support of skilled technicians, we provide for the mould testing and, on request, to the mould installation and start-up services directly on the machine, at the customer's company.



Preform design... where everything starts...

Our injection-stretch blow moulds are designed to be used on main brands of ISBM machines on the market, like: **ASB Nissei, Aoki, Magic MP, Automa / Sipa** able to produce plastic containers having as main features:

- High quality
- High efficiency
- Wide range of use

Our experience in this specific technology and process allows us to assist customers in every steps of product development.

Our skilled people, our tooling machines, our selected high quality materials together with our cutting-edge software, they are all decisive elements to obtain a constant excellent product and service.

Our technicians will drive customers, step by step, from the mould installation on the machine up to the optimizing of the process passing through all necessary tests.





ONE STEP

► INJECTION

Depending upon the customer need we design hot runners that can be with *thermal gates* or *shut-off valve*.

The plastic flow inside the hot channels is analysed and balanced by the use of specific software.

The cold parts, with high technological know-how, part of the injection mould, like *lip cavities* and the injection cavities, are designed and produced in Preven facilities in Italy.



► CONDITIONING

The conditioning station (*not present in Aoki machines*) is carefully studied by our engineers to assure the right profiles to pots and to conditioning cores.

Everything is designed and manufactured to guarantee the correct thermal profile to the preform ready for the blowing station.



► BLOWING

For the blowing design we have to take into consideration, further to the container shape also the production necessities of the customer.

For obtaining the maximum cavitation we manufacture the blowing cavities in one unique block, if the necessity is to reach the maximum flexibility we manufacture the blowing mould in single removable cavities by which customer can produce different shapes starting from the same preform. Parting line frontal or lateral; narrow or wide mouth neck, lost head "dome".

All blowing cavities are wholly manufactured in Preven facilities to be sure they reach high quality standards to be, then, mirror polished.



50th YEARS SINCE 1968

The logo for PREVEN, featuring a stylized green 'P' inside a square.

 Mario Alicata street, 9/D
40050 Monte San Pietro
BOLOGNA - ITALY

 www.prevensrl.com

 commerciale@prevensrl.com

 +39 051 96 91 25