

FOR THOSE SEEKING PEACE, TRANQUILITY AND AUTHENTIC EXPERIENCES THROUGH THE CONTEMPLATION OF UNFORGETTABLE LANDSCAPES, THE AREA ADJACENT TO FONTE PLATINA, BRAZIL, IS THE IDEAL PLACE TO OPEN THEIR SENSES AND BENEFIT FROM THE PROPERTIES OF A UNIQUE WATER.

➤ **WATER SECTOR**
FONTE PLATINA
Águas da Prata, SP, Brazil



➤ Rotary stretch-blow moulder EBS 4 K ERGON



FONTE PLATINA

CONNECTED WITH NATURE

When we are in close contact with nature, we live in the open air, we practice sports, we discover the art, culture and gastronomy of the surrounding environment, we benefit from unique and unforgettable sensations that arise from the opening of our senses. Because nature has the fantastic power to excite us and let us experience new sensations.

In the enchanting territory of Águas da Prata, in the state of Sao Paulo in Brazil, the pristine environment, characterised by wonderful water springs, has the power to make you live unique sensory experiences. Immersed in this landscape, where peace and tranquility impossible to find in urban centers reign, we discover Fonte Platina, a cutting-edge company that continuously invests in new technologies such as the EBS 4 K ERGON stretch-blow moulding machine recently supplied by SMI for the production of 0.31 L and 0.51 L PET bottles (with petaloid and flat bottom) of Água Platina. The new plant, designed according to the strictest environmental standards, responds to the company's need to make use of socially responsible systems, necessary for the production of PET bottles for the bottling of still and sparkling water which, to meet the countless requests of customers, is marketed with customised labels.



FONTE PLATINA & ENVIRONMENT

➤ PATH OF FAITH AND CYCLE-TOURIST ROUTES

Águas da Prata is the first municipality on the Caminho da Fé, a popular Catholic pilgrimage route of about 500 kilometers to the Sanctuary of Aparecida, inspired by the ancient Camino de Santiago de Compostela to offer support points, infrastructure and information to pilgrims. Inaugurated in 2003, it is also one of the most popular national cycling routes. In recent years, this outdoor sport has reached enormous proportions and the territory has been organised by outlining large itineraries. For this reason, today, near the Fonte Platina factory, there are beautiful paths for trekking and cycling lovers, which cross a unique natural environment.



The environment is at the heart of Fonte Platina's production activity. Everything revolves around its protection and preservation. For this reason, the recognition obtained by the EURECICLO certification is fundamental.

This certification, confirms that Água Platina is contributing to the recycling of post-consumer plastic waste, that it carries out socially responsible activities and that it works to build a more sustainable future.

This seal brings numerous benefits to businesses, the environment, and consumers. The companies stand out on the market as a sustainable brand, committed to the preservation of the environment and have the guarantee of complying with all environmental standards and regulations, avoiding possible penalties.

Another advantage is the transparency of information as certified companies are required to disclose the amount of recycled plastic waste and the destination of the resources obtained from the sale of recycling credits.

Consumers who purchase products with the EURECICLO Seal have the guarantee that the company is committed to sustainability and encourages circular economy, with consequent advantages on environmental impact, thanks to the reduction of pollution and waste of resources.



ÁGUAS DA PRATA AND THE WATER SPRINGS

Fonte Platina is a suburb of the municipality of Águas da Prata, one of the 11 municipalities considered a hydromineral station by the State of São Paulo that meet the requirements defined by law and benefit from funding to promote tourism. This status gives importance to the properties and quality of the countless mineral-medicinal springs present in the area, including Fonte Platina.

The discovery of the first source of water happened by chance in 1876, when the dentist Rufino Luiz de Castro Gavião observed that animals from a nearby farm went to a water source instead of the banks of the river to quench their thirst. Chemical analyses later confirmed the alkaline properties of the springs in the area, properties similar to those of the Vichy fountains in France. For this reason, the place has earned the nickname "Brazilian Vichy".



ONE SYSTEM FOR COUNTLESS LABELS

Fonte Platina focuses on the concepts of product and production process quality, customer enhancement, business ethics, respect for the environment and social responsibility. The Brazilian company continues to innovate in the premium and gourmet water segment, leveraging cutting-edge technologies that prioritise energy saving. The perfect

synergy of physico-chemical elements and the high moisturising power of the water give value and quality to the product, which, thanks to its lightness and balance, harmonises perfectly with different types of dishes and is considered one of the best waters in the country. The water in 0.51 L and 0.31 L PET bottles, made by the SMI EBS 4 K ERGON stretch-blow moulding machine, is marketed both with

traditional labels under the Água Platina brand and labels depicting different themed images, thus becoming a personalised communication tool capable of conveying messages, making a "brand" known or advertising an event. For customers, mainly represented by restaurants, bars, sports activities, etc., personalised bottles are a way to stand out in the market and delight consumers.

Eleve a sua marca com a nossa *Água!*
Garanta o seu rótulo *personalizado.*



➤ ENVIRONMENTALLY FRIENDLY TECHNOLOGY

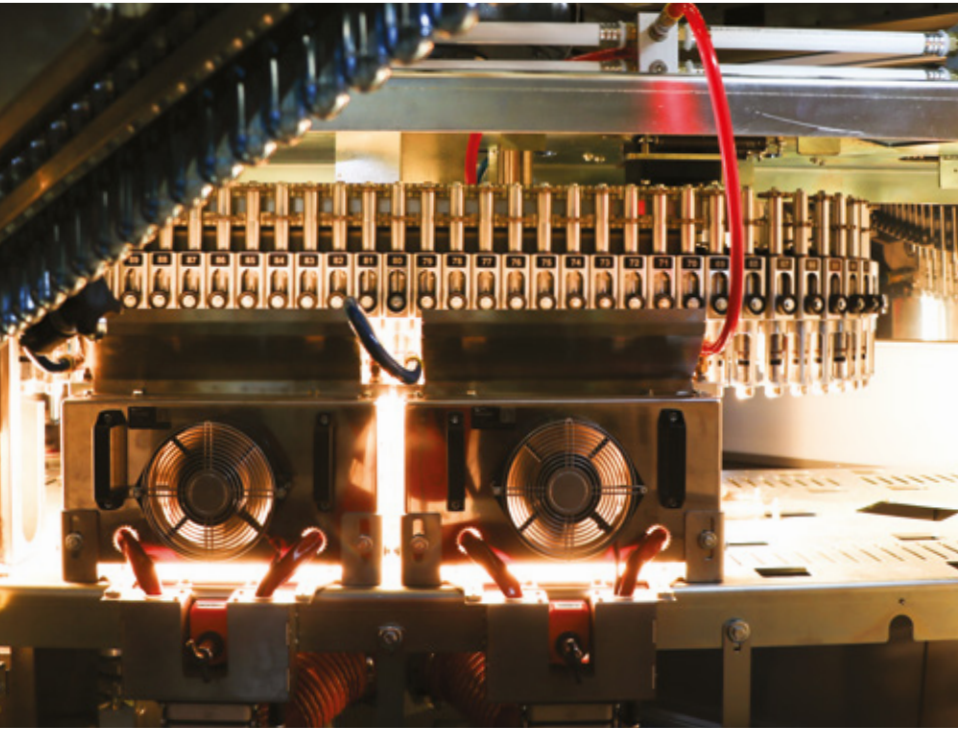
The use of state-of-the-art technologies allows Fonte Platina to offer products that are environmentally friendly and meet the needs of consumers.

The constant investment in new equipment, together with the strict controls and the effective partnership between customers, suppliers and collaborators distinguish the production plants of Fonte Platina, from which high quality products come out, made in a wide variety of labels able to meet the needs of countless customers.

To achieve these goals, the Águas da Prata-based company turned to SMI's subsidiary SMI DO BRASIL for the installation of a state-of-the-art production line dedicated to the stretch-blow moulding of PET bottles for the bottling of natural and sparkling mineral water.



SMI'S SOLUTIONS



FOR FONTE PLATINA

Thanks to the new EBS 4 K ERGON compact stretch-blow moulder, Fonte Platina achieves greater automation for the production process, an increase in efficiency and at the same time a reduction in electricity and compressed air consumption.

The presence of the SMI DO BRASIL branch was an essential element for the collaboration between Fonte Platina and SMI, because the company has to be able to count on qualified and high-level support at all times.



➤ STRETCH-BLOW MOULDER EBS 4 K ERGON

Functions: stretch-blow moulding of 0.51 L and 0.31 L PET bottles with flat bottoms and 0.51 L and 0.31 L PET bottles with petaloid bottoms. Production capacity up to 8,000 bottles/hour.

Key Benefits:

- high-efficiency rotary stretch-blow moulding system, equipped with motorised stretch rods (commonly used in high-speed production), which has considerable advantages over linear blow moulding machines and guarantees precise management of the stroke of the stretch rod and accurate control of its position, as well as significant energy savings
- ultra-compact system: the preform heating section (oven) is integrated with the stretch-blow moulding section (carousel) in a single, very compact module, which makes the system suitable for installation even in small bottling lines
- the structure, which encloses the oven and carousel, is equipped with slightly rounded protective doors, which allow more space inside the machine to be able to carry out cleaning and maintenance activities easily and safely
- reduced energy consumption of the blow moulding machine, thanks to the preform heating module equipped with energy-efficient IR lamps and the stretch-blow moulding module equipped with a two-stage air recovery system, which reduces energy costs related to the production of high-pressure compressed air
- the stretch-blow moulding system uses high-performance valves and low dead volumes, which allow the reduction of pre-blow moulding and blowing times, to the benefit of the machine's performance and the quality of the bottles produced
- the plant is managed by the MotorNet System® automation and control system, which ensures the constant maintenance of optimal processing parameters during the entire production cycle and the direct modification of the machine settings, thus simplifying format change operations.





➤ FOCUS ON FONTE PLATINA

The company began operations on March 31, 1918. The Fonte Platina trademark was registered in 1935 and, in 1945, only 10 years later, it became a point of reference in the mineral water market in Brazil. Since the beginning of its activity, Fonte Platina has shown its strong attention to the surrounding environment with initiatives such as the reforestation of trees in the reserve and investing more and more resources in modern technologies. In 2014 the company installed laboratories and state-of-the-art machines in its plants, which in a short time led it to be considered one of the best natural water brands in the country. In 2023, further investments in innovative technologies lead to the installation of a new SMI compact stretch-blow moulder of the EBS 4 K ERGON series.



EXPLORING ÁGUAS DA PRATA AMONG NATURE



The municipality of Águas da Prata is located on the slopes of an extinct volcano that gives unique characteristics to the soil, climate and relief. In the area you will find the famous Pico do Gavião, a place with breathtaking views, from which you can see the caldera of the volcano and where international paragliding and hang gliding championships are held.

In addition, the abundant water springs and mountain ranges favour the formation of waterfalls, there are more than 90 known ones, but the number is believed to be much higher. The waterfalls can be reached by suggestive paths on foot or by bike, which run along rivers and lakes and cross beautiful forest areas in contact with nature and which offer spectacular breathtaking views.



... ECONOMIC DEVELOPMENT...

Economic development is the result of historical events of great national importance, such as the evolution of the gold and coffee cycle and the consequent birth of railways and commerce, which have brought economic progress and greater attention to the well-being and therapeutic properties of medicinal mineral waters.

Unlike most Brazilian cities built around a church or on the side of a road, Águas da Prata was built around a train station built to facilitate the transport and trade of coffee.



... AND CULTURE!

The area adjacent to Fonte Platina is a place that invites retreat and tranquility, with outdoor modernist sculptures and historic houses such as Boca do Leão, restored and adapted to host exhibitions by local artists, contributing to the development of the local people, economy and culture.

