Jeanologia redefines the finishing process

- It reduces water and chemical consumption by 95% and energy by 80%
- The 2025 object is to save 8.5 million cubic meters of water per year, the amount necessary for the annual consumption of more than 3.5 million people
- After 15 years applying ozone for garment finishing, Jeanologia has taken the next step, and uses it on the fabric, turning ozone into the essential element for a 100% sustainable textile industry

Jeanologia redefines fabric finishing with **G2 Dynamic**, the first ozone treatment for continuous fabric, thereby contributing to the consolidation of its objective to attain the dehydration and detoxification of jeans.

G2 Dynamic is technology on the market that guarantees a detoxed and sustainable fabric, in addition to reducing water and chemical consumption from 85% to 95% and energy from 70% to 80%.

For example, if a kilogram of fabric uses between 15 and 20 liters of water, with **G2 Dynamic** the complete process uses from 0.5 to a maximum of 3 liters per kilo.

This technology has been gaining a lot of traction in the industry, 30 fabric manufacturers have incorporated it into their production process within only three years of its launch.

Jean Pierre Inchauspe, the person in charge of **G2 Dynamic** has pointed out that "the main weavers of the five continents are already using this technology as an indispensable process for the sustainable finishing of their fabrics."

Jeanologia's 2025 objective for this technology is to achieve an average saving of more than 8.5 million cubic meters of water per year. This is the amount necessary for the annual human consumption of more than 3.5 million people.

80% of these machines are being used for the finishing of denim (blue and black) and 20% for the finishing of loom state (other colors), the market for "denim fabric" in color will become more important in the year to come.

With this technology, the company brings to the market a sustainable alternative to several traditional, more polluting and water consuming processes in the textile industry. Furthermore, highlights Inchauspe "[it] improves and boosts

dosdeC
Casanova & Carbonell Comunicación
comunicacion@dosdece.com
C/Pintor Sorolla 9, pt5
Telf. +34 96 334 14 83

subsequent production stages up to the finishing of the garment, making them more efficient and allowing companies to be more competitive, increase productivity and offer a product that is completely sustainable."

Ozone, a fundamental pillar for a sustainable textile industry

G2 Dynamic is the latest in ecoefficient ozone textile technology, the result of 15 years of innovation in the industry from the fabric to the final garment.

After years of applying ozone for garment finishing, **Jeanologia** has taken the next step using ozone to end the water consumption and chemicals used in traditional fabric finishing processes.

The Jeanologia Ozone Center has become one of the fundamental pillars in the new era for denim as an essential element in a 100% sustainable textile industry.

25 years working for the world

Since 1994 **Jeanologia**'s has been to create an ethical, sustainable and eco-efficient industry through their disruptive technology and *know-how*. Their laser, G2 ozone and e-flow system have revolutionized the textile industry. They offer infinite design and garment finishing possibilities, while saving water, energy and chemicals; eliminating discharge and toxic emissions.

The company currently employs 220 *Jeanologist* from 24 nationalities and has clients in 5 continents through its 10 subsidiaries. The export of its machines and services represents 90% of its total billing, reaching 61 countries. The biggest market brands place their trust in **Jeanologia**, using technology developed by the company.

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