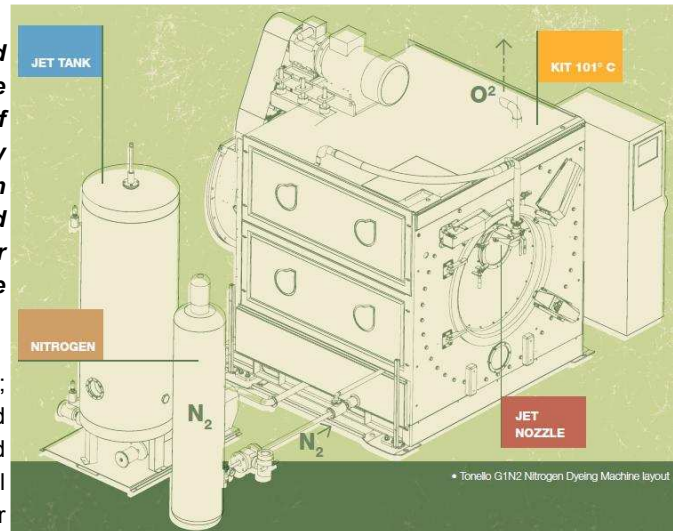


New Garment Dyeing System from Tonello & Clariant that uses Sulphur Dyes under Nitrogen Atmosphere

Tonello, at the forefront in the research and development of machinery for treating ready-made garments, and Clariant, a leading manufacturer of sulphur dyes with a special emphasis on eco-friendly products and processes, together have developed an innovative dyeing system 'G1N2' and responded effectively to the increasingly urgent demand for manufacturing processes that are able to combine efficiency with sustainability.

The advantages such as Extremely high quality standards; Excellent performance; Reliability and durability; Improved repeatability of results; and Lower electricity, water and chemical consumption – which reduce environmental impact, make this system the number one reference for dyeing companies the world over, as these have set new boundaries in manufacturing.



It is. In fact, a new, technologically-advanced, eco-friendly, unique dyeing system, which enables garments to be dyed under nitrogen atmosphere using an extremely low liquid ratio and ecological sulphur dyeing.

The machine is completely automatic to ensure total control and reproducibility of every process. It is equipped with: (a) 101° C KIT, which keeps the machine hermetically sealed to ensure total absence of oxygen exchange; (b) Automatic, Controlled Nitrogen Feeding; (c) Automatic, Controlled Dye and Chemical Feeding, which enables dyeing to be carried out at a low liquor ratio; and (d) Jet System (optional – this new evolutionary stage in Tonello technology guarantees brilliant performance, efficiency, energy savings and respect for environment), which further reduces the liquor ratio in dyeing processes.

The Tonello G1N2 nitrogen dyeing machine is extremely flexible and can also be used in standard dyeing processes.

The range covers all requirements: from sampling (G1 70 model) to large-scale manufacturing.

