

The Italian company Tonello was founded in 1981 and at that time focused solely on the maintenance of washing machines. Then the company began to produce dyeing machines before moving on to industrial washing machines. Tonello started focusing on applying new technologies and became the international market leader in industrial washing and dyeing machines in just a short time. Today, their wide distribution network allows Tonello to export their environmentally-friendly machines to all parts of the world.

Stonewashed

Do you wear Jeans? Yes? Then, there's a good chance that the faded, "used" look that your jeans so embody was created with laundry and dyeing machines from the Tonello company. This Italian company employs innovative fabric solutions to meet the various and constantly changing fashion trends – whether it's the used, dirty, brushed, or stone-washed styles.

The "used" look for fabric is achieved using a brushing process on the material. One characteristic of Tonello washing machines is that the brushing procedure is carried out without the use of chemical products and sandblasting so that clothes are treated completely without any toxic material. This completely rules out any negative health effects on machine operators. Another form of fabric treatment is modifying the color strength of the material using laser beams from their Laser Robot product line. This makes it possible to include any conceivable shading, writing, and shapes in light-dark contrast on the surface of cloth such as cotton or synthetic materials.

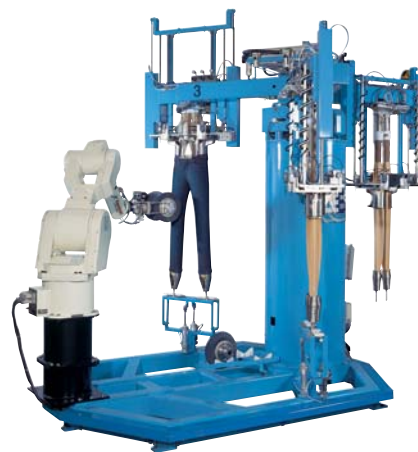
The HS series of washing and dyeing machines represents a class of universal machines used for all types of cleaning or dyeing the most varied kinds of materials. B&R



The "used" look or the "stonewashed" look? Tonello industrial washing machines provide both. They process half-linens, rayon, cotton, polyester, and other material to provide customers with the desired effect.

first began working with Tonello in 1996, providing visualization systems and B&R

2005 control systems for these machines. Since then, the HS250 (at three meters high, two and a half meters wide, and weighing seven tons) has been outfitted with a Provit 5000 Industrial PC with Compact Flash, a customized 10.4" TFT monitor, and a B&R 2003 controller system to enable the smooth coloration of jeans, jackets, and shirts. The user-friendly programming environment of the Automation Studio software tool allowed Tonello to be able



The Brush Robot from Tonello administers the "used" look effect with an automatic brushing procedure. The machine is outfitted with an anthropomorphic robot equipped with a block system so it can load the different brush models.

to program the controller themselves. The Italian company Tonello was founded in 1981 and at that time focused solely on the maintenance of washing machines. Then the company began to produce dyeing machines before moving on to industrial washing machines. Tonello started out focusing on applying new technologies and became the international market leader in industrial washing and dyeing machines in just a short time. Today, their wide distribution network allows Tonello to export their environmentally-friendly machines to all parts of the world. "Thanks to previous profitable and positive cooperation, we value B&R as our dependable hardware supplier. That is why our various product lines are equipped with B&R components," Gianfranco Boscardin, manager of the Electric Department at Tonello, says about the cooperation with B&R. 