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The first whole hide belt-buffing machine

Headquartered in Varese, near Milan since 1947, Aletti was founded by machine tool mechanical designer Franco Aletti and his father Giovanni who was head of maintenance at the largest tannery in Varese. The first machine built by Aletti in 1947 was a 250 mm buffing machine, which, because of its performance and high quality, soon succeeded in establishing itself in Italy, making improvements to German imported machines. Fast forward 72 years and the unveiling of the first whole hide belt-buffing machine.

In the last 10 years, Aletti has diversified its production, facing new markets such as textiles and leather replacements, gaining a unique experience in the sector and allowing a considerable development and a leap in quality for the belt sander. The quality and precision of the buffing required on textile products is in fact much higher than that on leather and, for the first time, the same quality is offered to the tanning sector with the development of the latest SNW version of the belt-buffing machine. Machines for textiles require a design and a construction that would allow them uninterrupted and continuous use for 24 hours per day, guaranteeing the highest quality and uniform buffing, combined with a high productivity. These high demands are only met by belt-buffing machines, which, thanks to the absence of heating of the abrasive, the constant cleaning of the belt, the long life of the paper and the absence of chatter marks, are able to guarantee the production of thousands of metres of fabric without the need to change the abrasive paper itself.

If good quality leather is enhanced by the belt-buffing technology, even more evident results are obtained on medium or poor quality leather which, as a result of the sanding with these advanced machines, can raise the quality and considerably improve selection. Given the progressive increase in the availability of poor quality leather and, at the same time, the ever-increasing demand for quality of the finished product, the belt sander represents, and will

increasingly represent, an indispensable tool for tanneries that make quality their main goal. Used both for dry leather and for wet blue, vegetable tanned leathers, pull-ups, impregnated splits and on stucco. It can easily and quickly be adapted to all types of finishing, to follow both the evolution of fashion and the technological evolution of leather processing. The buffing 'cut' is greatly improved mainly due to the rubber coated buffing roller, when compared to the usual steel roller in conventional buffing machines where the relief and elasticity afforded by the rubber gives a more uniform buffing pressure along the entire surface of the leather.

The new SNW 3200 Ultrabelt combines all the advantages of Aletti's smaller size SNW series machines but with an even greater ease of use and maintenance convenience. In addition to the quick-change abrasive paper, removable in less than two minutes, is the patent-pending rubber-coated feed roller with replacement assist. The configuration of the rollers and in conjunction with the pneumatic system, no disassembly of any other components is required for its replacement. Particular attention has also been paid to machine ergonomics, with a lower leather feed in area compared to traditional buffing machines, the arrangement of the controls, grouped on a swivel panel placed in front of the operator, to the ease of maintenance where 90% of the components are maintenance-free and lubricated for life. 🌐