



Vacuum dryer technology full steam ahead

Italian tannery machinery business Escomar was founded in 1973 with an initial remit of trading in second hand re-built machines. It did not take this company very long to identify an opportunity to enter the market with newly developed equipment, setting their engineers to design and manufacture new and reliable tannery machines responding to current high capacity tanning industry demands.

Amongst a range of products a multi-table vacuum drying machine employing conventional wet pump and condensation systems quickly gained an important slice of this market niche. Such machines, always based on the then current state of vacuum technology, were efficient in terms of the handling of leathers and productivity. From the point of view of energy consumption however it scored very badly as it depended on the wet pump system using either water or oil, using a high level of electric power. A further unwelcome characteristic has always been creation of pollution as the vapour in circulation picks up pollutants which subsequently have to be disposed of at a cost.

Following research and taking advantage of the development of dry vacuum pumps by the industry, Escomar was able to introduce at Tanning Tech 2013 their new type (model Evo-dry) multi-table vacuum dryer working completely “dry” reducing operation costs compared with earlier “wet” machines. Technically suction in circuit is continuously high and the high vacuum achieved makes low drying temperatures possible. Escomar also highlights the fact that their Evo-dry type dryer does not need additional equipment as, for example, chillers. ☺



Escomar's Evo-dry vacuum dryer

