

REA N° 45967 della C.C.I.A.A. di Varese
Numero meccan. esportazione : VA 014400
Uff. Reg. Imprese Tribunale Varese : N° 6019
Cap. Sociale inter. Versato EUR 531.596,52
Codice Fiscale / P. IVA N°: IT 00197070121
Macchine per conceria dal 1947



ALETTI GIOVANNI & FIGLI S.R.L.
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SINCE 1947 IN THE VAN OF BUFFING MACHINES

We are specialised in the designing and in the manufacturing of tannery machines **since 1947**. The first machine produced by Aletti has been a traditional buffing machine of 250 mm working width, which is still in operation. **We produce now the widest range of leather buffing machines in the world**, to meet the requirements of all tanners and to supply the most suitable and performing solution for all types of leather. Our range includes the **traditional buffing** machine of 800 mm, model **VELOX** (indispensable for crust and top quality suede), the **NEW THROUGH-FEED ROLLER BUFFING MACHINE MODEL SV**, with working width from 1300 mm up to 3200 mm (covering most of the requirements of through-feed buffing either flesh side of grain side, on all types of leathers), the high tech **end-less band buffing** machine model **VELOX SN** 1800 mm, 2200 mm and 2500 mm (for high production of all types of leathers and skins including the **DIFFICULT** products as impregnated splits, vegetable tanned leather, pull-up, "nubuck", shoe upper leather and even regenerated leather, synthetic leather, rubber and fabric either in plates or in rolls) and the **wet buffing** machine model **EFFLORA UNO** 1500 mm (for double face skins, pig skins and suede in wet blue stage).



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We have designed our **NEW THROUGH-FEED BUFFING MACHINE MODEL SV** relying on the experience of over 1500 roller buffing machines (manufactured from 1947 up to 2007, year of the SV new design). Our goal has been the capability of combining **high buffing quality** with the maximum **flexibility** in the use and the adjustment of the machine. The result has been a top performing machine able to meet the competition on all markets, on all types of leather and on every buffing requirement



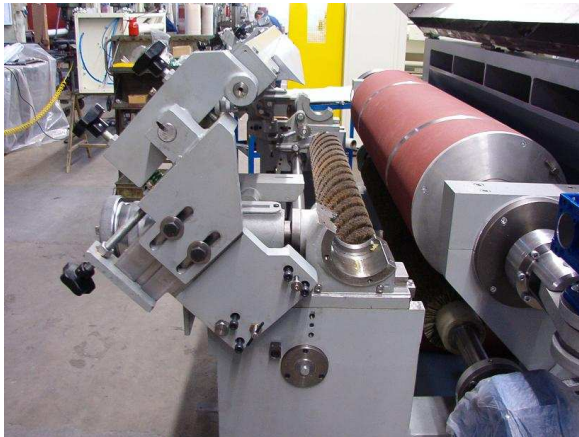
The **SV** is used either for **flesh side buffing** or for **grain side buffing**, is suitable for light skins as well as for heavy sides and even whole hides. The **extra heavy construction** (it is the only machine built with full piece frame), the exclusive design, size and features of the buffing roller, of the feed roller and of the leather grip systems, the many accessories and special devices included in the new project, make the difference between our new buffing machine and all other similar machines.

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In the **new project** we have improved the roller buffing machine by including all new devices studied for the belt buffing machine and we have **standardised the main components** like feed roller high precision control, the high resistance feed roller shaft, , the combined grip roller and grip blade system, the separate drive of buffing brush etc., to get highest performances and matchless **reliability under heavy work conditions**.

Full piece frame (to guarantee vibration free operation), triple suction system, control of feed roller by irreversible worm screw device (to prevent

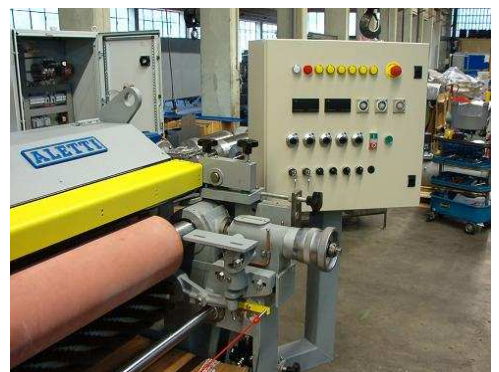
any variation of feeding speed during the buffing) **new system for fast replacing of the feed roller** are some of the exclusive features of the new machine.

The **buffing roller**, which is the heart of the machine, is now of **special steel and of increased thickness** (about 30% more than all other machines) and is machined with a special working process to relieve the mechanical stresses, to avoid any deformation due to the uneven dilatation caused by the buffing friction. The **feed roller** can be coated by an increased range of rubber types, including single layer coats, double layer coats, full rubber or sponge coats and can be easily replaced simply by opening the grip roller support, to get high flexibility of the machine.

Moreover the feed roller can be coated by traditional vulcanised rubber or can be supplied with special **interchangeable rubber sleeves system** (like on all our buffing machines). This system is particularly suitable for such countries where the quality of the rubber coat is not so good, where the delivery of the complete rollers is expensive and every time you need **new advanced types of rubber** to meet the standards of the **new fashion or new finishing requirements**.

To enhance the quality and to allow the buffing of the whole surface of the leather, we have designed a new **special grip roller combined with grip blade**. By this system the buffing effect is always more even and regular on all types of leather (the advantages of this system are particularly appreciated on **nubuk** and other types of **grain buffing**).

All **adjustments and settings of the machine** (oscillation of the buffing roller, feed roller speed, feed out conveyor speed, abrasive paper locking and stretching device) **have been simplified** to make the use of the machine simple, flexible and safe by all operators.

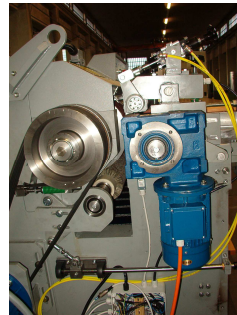


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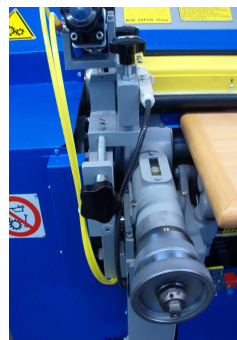


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Special devices like the **automatic** pneumatic controlled **opening** of the buffing roller cover, the **buffing enhancement system** (special control to slow down the feeding speed to get increased buffing in some areas like the neck and avoid) and the **leather spreader** device (fitted at the outlet of the machine to eliminate the folds before the de-dusting machine), the **compressed air tank** to stabilise the buffing pressure make this new buffing machine the top among the roller buffers in the world.



As all our through-feed buffing machines, the **SV** can easily be installed **in line with all models of de-dusting machines** available in the world market, including our high efficiency de-dusting machine model **BROSSA**.



To reach the best cleaning results of the buffed leather, we have also designed and developed and advanced **THROUGH-FEED DUST-REMOVING MACHINE, MODEL BROSSA**, which can easily be installed in line after all models of our through-feed buffing machines (roller buffing as well as end-less buffing machines) and after some other brands machines, **without need of any additional conveyor or feeding unit**. In that way it is possible to set up a very **effective and compact working line**. In case of separate installation, our machine is provided by a short feeding conveyor allowing easy and fast feeding of the machine. The **separate feeding** is particularly suitable in case of **very soft skins** (glove skins, light nappa and similar products) which may be not processed in the through-feed mode.



Our standard dust-removing machine is provided by **3 air-blast cleaning system** which can be combined (for special applications only) with an anti-static rotating brush or with additional blowing heads (vegetable tanned leather). The action of the air jets (**two air jets are cleaning the upper surface** and **one air jet is cleaning the lower surface** of the leather) and high efficiency suction hoods, allows to achieve a perfect cleaning of all types of leather on both sides. To keep the blowing heads perfectly efficient, we have recently introduced a new system to clean the heads from the side of the machine which is very fast and easy to handle.



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The blowing heads of the machine can be easily inspected and checked by the operator, thanks to the **pneumatic controlled opening system** of the machine. By operating a remote control you can open the machine, reach the blowing heads and, in case of some pieces stopped in the machine, you can easily remove it and resume work without need of further adjustments.

A complete range of **special optional accessories**, like anti-static rods to be installed before and after the dust-removing machine and the continuous adjustment of the brush rotation speed, may increase the cleaning effect on special products.



The dust-removing machine is provided by **adjustable feeding speed** in order to be synchronised with any kind of buffing machine. Even the height of the front feeding belt can be adjusted within a wide range, so that every buffing machine can be installed before our dust-removing machine, without need of particular adjustments.

For very special requirements, it is possible to get even more blowing heads, adjustable distance between lower and upper blowing heads (to set the machine for high thickness products) and/or more brush rollers, in accord with the specific exigency of the material.

A special version for very soft leather, with perforated conveyors and **vacuum system** is also available.

