

WOOD DRUM

mod. IROKO



**MACHINERY AND INSTALLATION OF MACHINES AND FURNITURE
FOR THE CONCIENT INDUSTRY**

REQUEST A CUSTOM QUOTE

The wooden drums are produced and used in all tannery processes in the humid part, such as greening/liming, chrome tanning, wet white tanning, vegetable tanning, retanning and dyeing, which is why they are a fundamental part of the whole production process of leather goods.

We custom-build them in different ways according to the needs of our customer, obviously starting off from a basic model that has the following characteristics:

- ⚙ The stems of our drums are made of long-seasoned **African IROKO** wood.
- ⚙ 4 and 6 arms cast iron frame with milled cast iron crown.
- ⚙ Circle-rods full on the stem and flat at the edges.
- ⚙ Cust iron and bronze bearings.
- ⚙ Frame door with stainless steel AISI 316 shutter.
- ⚙ You can choose the Pegs or the Pale depending on the processing you will have to carry out.
- ⚙ Counter head in perforated polypropylene and drain valves in polypropylene or stainless steel.
- ⚙ High quality single or double speed moto reducer with the addition of **SOFT START** for a soft start or with **INVERTER** technology for continuous speed variation. Electro-pneumatic brake.
- ⚙ Automatic control board with all the basic functions for the manufacturing process, naturally equipped with safety systems in compliance with CE standards.

Available as an accessory:

- ⚙ Horizontally sliding doors.
- ⚙ Automated drain valves.
- ⚙ Automation for chemicals and water release.
- ⚙ Predisposition for load-processing above the centreline.
- ⚙ Ph check.
- ⚙ Management of bath temperature.
- ⚙ Satellite frame door.
- ⚙ Stainless steel channel for the collection of the bath.
- ⚙ **OaC Technology (Open and Close).**



The OaC Technology is based on a concept of opening and closing of the pores of the leather that allows the products to penetrate better in it and at the same time lower the percentages of these products bringing the improvement of all the processes carried out in cask from start to finish, which is by improving opening in the initial stages of manufacturing and the final quality of the leather. This operation is carried out by the mechanics produced by the internal system of the drum.

This new concept increases the quality of the working environment as you work at low speeds, from a minimum of 3 revolutions / minute (during the tanning phase) to 8/9 revolutions / minute (during the dyeing phase). Due to the low operating speed, maintenance costs are also significantly reduced. By opting for the load above the centreline, you can see a 40/50% increase in load compared to traditional drums. Energy savings are of up to 60%, if compared to traditional system drums (pegs or low blades).

Nb. This technology can be adopted on existing drums too.