

OUR RANGE



PRODUCTS

- ▶ Dyeing accessories (pumps, kiers in stainless steel, material carriers, beams cart...)
- ▶ Loading press
- ▶ Rapid dryers
- ▶ "Space dyeing" machines
- ▶ Laboratory equipment : dyeing machine press, dryers
- ▶ Hank washers and dyeing machines
- ▶ Energy recovery systems
- ▶ Horizontal dyeing and bleaching polyclaves

SERVICES

- ▶ Dyeing process automation and computer-controlled dye house
- ▶ Machinery revamping and improvements
- ▶ Production process creation by exhaustion data analysis



HANK DYE



CALLEBAUT DE BLICQUY

Callebaut de Blicquy is the well-known specialist of dyeing machines. Its experience has been acquired over many years through SMTI, Comeureg, Texinox, Schlumpf & Wilms. today, This experience enables Callebaut de Blicquy to give you well qualified advices and to offer you a range of machines and auxiliary equipment at the sharp end of dyeing technology

On these foundations, Callebaut de Blicquy provides also the best advice for selecting and improving equipments, engineering and revamping.

These give the dyer and finisher a guarantee of high quality and reliable productivity taking into account the imperatives of delivery times and ecological factors

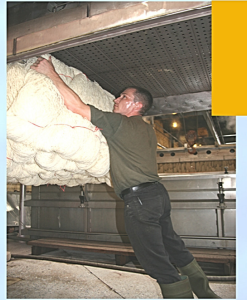
- ▶ World leaders in large capacity hank dyeing machines for carpet yarn
- ▶ Over 75 years experience
- ▶ A wide range of state of the art machines and equipment
- ▶ Excellent customer after sales service
- ▶ Quality and productivity guaranteed
- ▶ Consideration for the Health & Safety and environmental issues



A PROGRESSIVE STEP FORWARD FOR HANK DYEING VATS

Traditionally, the Hank Dyeing process is labour intensive.

The various operations involved are not only time consuming, but also involve significant manual handling through lifting of the hank on sticks and then placing on the lid.



BEFORE

This today can give rise to concerns with regard to Health & Safety within the workplace, especially when unloading the sticks after the dyeing process, as the hanks are wet and, therefore, the weight may be more than 30 Kg (66 pounds).

HANK DYE VAT

Callebaut de Blicquy has developed a unique system that is already in use at many modern dye houses, whereby loading and unloading of the hanks is done much more quickly and involves less manual effort.

The operative loads and unloads the sticks containing the hanks on to a trolley at waist height, which is not only faster and less stressful, but enables higher productivity within the dye house.

In addition, a faster changeover can be achieved, as the Callebaut de Blicquy system utilises trolleys that are easily positioned, such that they fit into the lid and can, therefore be transported into the vat, thus saving time.



AFTER

50% SAVING

- ▶ Perfect dyeing
- ▶ Better working conditions
- ▶ Fast return on investment
- ▶ Easy use
- ▶ Strong construction in the test of the time

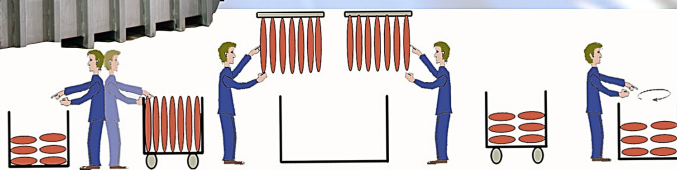
BRIEFLY

The dye vat and liquor circulation within has been designed to take account of the characteristics of the hank and the tensions within the yarn resulting in improved handle and better stability of the yarn after it has been woven or tufted into carpet.

Our vats are able to accommodate :

- ▶ From 5 to 3000 Kg (11 to 6615 pounds) in a single bath
- ▶ Automatic loading
- ▶ For wool acrylic yarns (especially Carpet Yarns)
- ▶ Significantly faster and easier handling of the hanks during loading and unloading, as the system incorporates separable loading / unloading / boxes / trolleys that attach to the lid and carrier (optional)

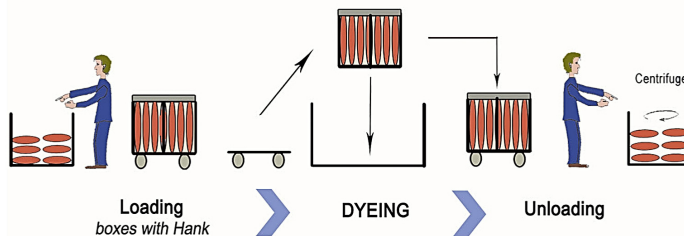
Before :



Preparation ➤ Loading ➤ DYEING ➤ Unloading ➤ Centrifuge

SAVE TIME, SAVE MONEY

After :



Loading boxes with Hank ➤ DYEING ➤ Unloading