



BEADWIRE

Very often considered as the second most complex product to produce after steel cord, the production of quality beadwire is not therefore such a difficult operation, most particularly when opting for high breaking loads.

In this demanding sector, FIB is manufacturing the complete range of thermal equipments as well as a pickling bath with hydrochloric acid that is having a unique design.

Patenting in beadwire is not such an easy operation as the production in diameter range is quite wide!

A complete austenitizing, a lead quenching or a quenching in fluidised bed allowing the obtaining of significant and homogeneous breaking loads in the whole diameter range and the absence of decarburization are just a few key criteria for our technology.





In this framework, the possibility to obtain very low sand temperatures in the quenching zones and the control of recalescence that is offered by the Ecoquench are becoming very significant aspects for the quality of the treated products.

The lead stress relieving in which FIB is having an advanced regulation system is allowing a complete control of the final breaking loads.

Lastly, under the pressure of a clientele that is ever looking for a technology without inflexion in the wires and without lead, the stress relieving in fluidised bed is becoming conceivable!

FIB has even experimentally and positively evaluated the feasibility of the process with the participation of a company that is producing beadwire.

The stress relieving fluidised bed is having a bright future ahead of it!