

# INDIGO NEWS

by MASTER

## FOR THE DENIM OF FUTURE

**MASTER PRESENTS**  
**“INDIGOGENIUS® (Pat.)”**  
**THE NEW DYEING MACHINE**  
**WITH DEVELOPED**  
**TECHNOLOGY, ECOLOGICAL**  
**AND ECONOMICAL.**  
**ARRIVAL POINT OF ITS WHOLE**  
**RESEARCH, STARTING POINT**  
**TO THE FUTURE.**

It is a new machine for the slasher continuous dyeing, with indigo and other dyestuffs, of denim fabric warps, which, instead of the normal N. 6-8 dyeing vats, uses the genial ecological and economical technology of two or more **GENIUS® (Pat.)**.

**GENIUS® (Pat.)** is an integrated dyeing module, consisting in a special combination of a special dyeing vat, with a group for the diffusion of leuco in yarn by heat activation and long permanence in inert environment.

This allow, among other, to operate also with high concentration, with low level and at high temperature too, new proceedings which add to the already known, with possible different dyeing results.



**GENIUS®** (Pat.) allows a new indigo dyeing technology, the more advanced, ecological and economical, which eliminate much of the typical problems of the traditional dyeing technology.

**GENIUS®** (Pat.) is moreover particularly fitted to the use of sulphur, indanthrene, reactive, etc. dyestuffs.

**GENIUS®** (Pat.) is the arrival point of the whole **master** research, the starting point to the future.

**INDIGOGENIUS®** (Pat.), compared to the traditional slasher machines, has the following advantages:

- dyeing process independent from external variables -
- higher dyeing yield
- better diffusion and fixation of indigo dyestuff to the fibre
- drastic reduction in the sodium hydrosulphite and caustic soda consumption
- dyeing vats number reduction
- yarn wastage reduction at lot change
- operative flexibility
- process application, with sure lower environmental impact, for the organic cotton (biologic) dyeing -
- nitrogen reduced consumption (compared to other systems)
- intervention and maintenance easiness
- environment respect and ecology

**INDIGOGENIUS®** (Pat.) brings innovation in the dyeing processes and in the high quality textile and, moreover for the notable savings with considerable production costs reductions.

**INDIGOFLOW**  
Means maximum flexibility

**INDIGOROPE**  
Innovators by tradition

**INDIGOGENIUS**  
New advanced and ecological  
indigo dyeing technology

**master**  
*in Denim Dyeing*

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