

Jeanologia® ColorBox LINEUP

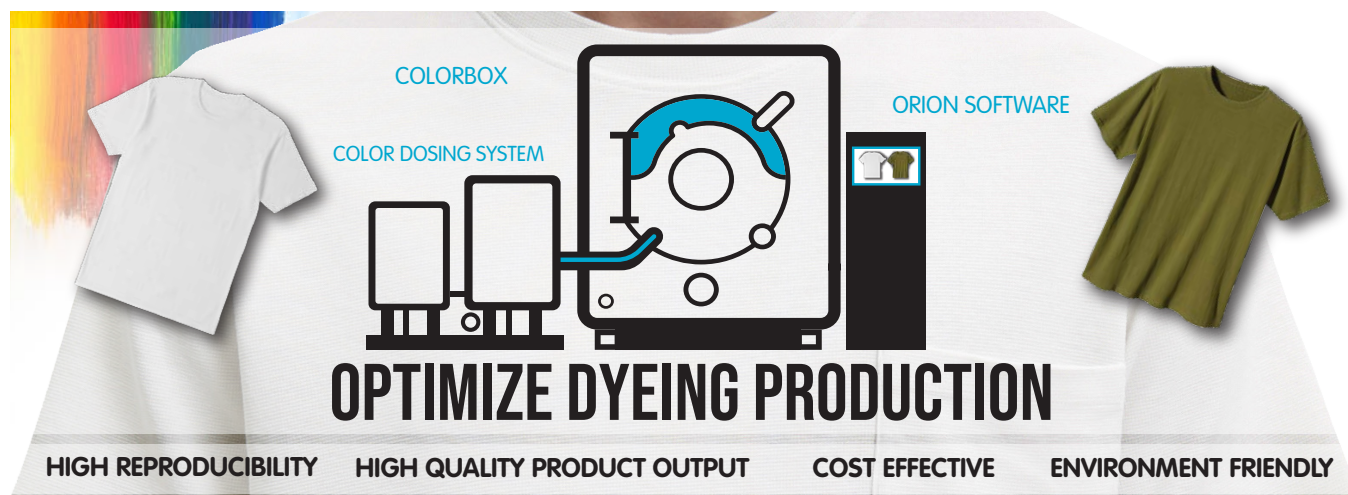
THE SCIENCE OF DYEING



ColorBox are the new generation of garment dyeing machines, that ensures low impact dyeing and color reproducibility through a optimized garment dyeing & finishing process.

ColorBox are easy to handle and easy to manage advance technical solutions that cares about you and about the planet ensuring best product outcome at lowest production cost.

#MISSIONZERO



READY FOR ALL PRODUCTION NEEDS

A full range of lab, semi-industrial and production machines to meet any production capacity needs.

FOR LAB

ColorBox³

From 0,1 to 1 Kg



ColorBox 3 is the perfect lab machine to validate color and ensure lab to bulk reproducibility keeping liquor ratio, heat gradient, and color dosing equal to other ColorBox machines.

FOR SAMPLES

ColorBox¹⁸

From 2 to 8 Kg



ColorBox 18 is the ideal sampling dyeing machine ensuring lab to bulk reproducibility allowing to maintain process variables equal in all machine productions capabilities optimizing process from development to production.

FOR SAMPLES & SMALL PRODUCTIONS

ColorBox⁶⁰

From 5 to 25 Kg



ColorBox 60 is the ideal dyeing machine for small production runs increasing color flexibility as well as ensuring lab to bulk and bulk to bulk reproducibility.

FOR BIG PRODUCTIONS

ColorBox⁴²⁰

From 50 to 200 Kg



ColorBox 420 is a high speed water & energy saving dyeing machine adapted to perform and optimize any type of garment finishing.

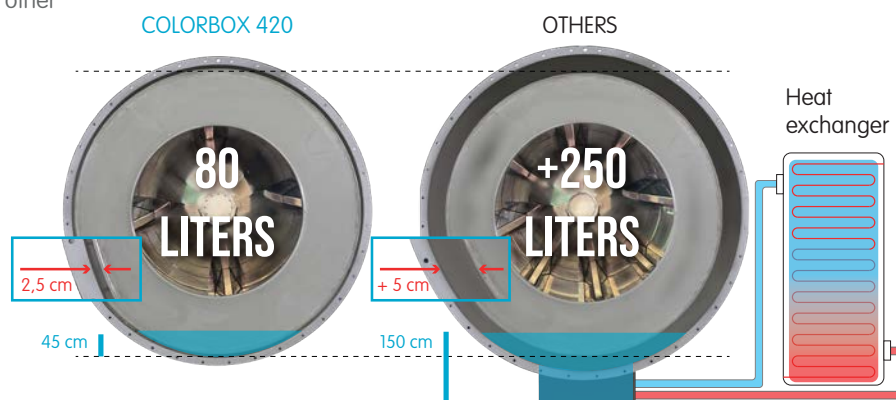
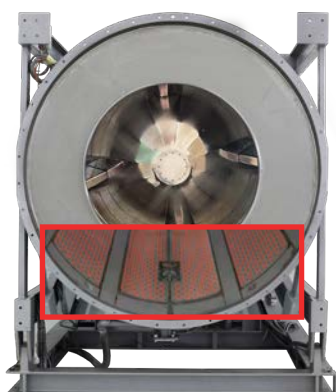
LOWEST DYEING LIQUOR RATIO

WARM UP SYSTEM PATENTED TECHNOLOGY

Warm up system eliminates the space needed for traditional steam coils that contains up to 100 liters of water. perfect lab machine to validate color and ensure lab to bulk reproducibility keeping liquor ratio, heat gradient, and color dosing equal to other ColorBox machines.

LITERS OF WATER REQUIRED FOR HAVING ENOUGH WATER TO RUN THE MACHINE FOR DYEING

For the equivalent of the ColorBox 420 competitors will require between 250-500 liters as minimum volume to work (150 mm)



ALLOWS TO WORK AT THE LOWEST POSSIBLE L:R (1:3 – 1:5)

ORION SOFTWARE

Orion is the operating system that controls all of Jeanologia's eco technologies allowing the connection between them and communication with the cloud to manage the recipes to be applied.



ORION

- **SIMPLICITY**
Manual and automatic mode.
- **CONNECTIVITY**
Cloud connection and data exchange.
- **SCALABILITY**
Online transfer of formulation from Lab to Bulk, & Bulk to Bulk.

PERFECT DOSING SYSTEM

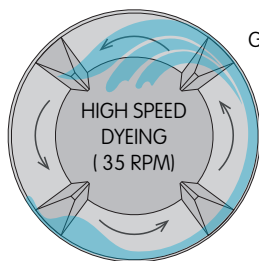
Ensuring quality & reproducibility.

- Inox 360.
- High capacity tanks. (Tank 1: 300l, Tank 2: 180l).
- Heating and mixing in tank 1.



MAXIMUM LOADING / MAXIMUM PRODUCTIVITY

Reducing water, increasing loading and dye performance.



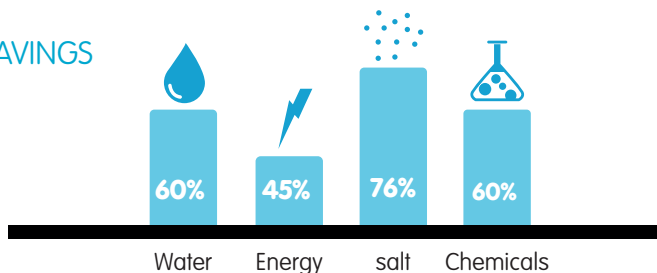
Geiser effect

- **4 BLADES**
- **GARMENTS ALWAYS IN CONTACT WITH BATH**
- **HIGH SPEED DYEING (35 rpm)**
- **MIRROR POLISH**
- High load capacity
- Better performance
- Reduce dyestuff hydrolyzation
- Higher dyestuff yield
- Better color evenness
- Improve color penetration
- Maximum color fastness
- Less abrasion
- Prevent garment entangling
- Harmless for garments

PRODUCTION CAPACITY

FRONT LOADING MACHINE 850 KG / DAY
JEANOLOGIA COLORBOX **1000 KG / DAY**

SAVINGS



READY FOR ALL KIND OF PRODUCTS

Specially prepared for delicate garments.



COTTON LYOCCELL LINEN POLIAMYDE ELASTAN SILK WOOL

TECHNICAL DATA



ColorBox	3	18	60	420
LOAD CAPACITY	0,1 - 1 kg	2 - 8 kg	5 - 25 kg	50 - 200 kg
CYLINDER VOLUME	30 l	180 l	600 l	4200 l
CYLINDER DIAMETER	430 mm	740 mm	1000 mm	1845 mm
CYLINDER DEPTH	220 mm	420 mm	769 mm	1566 mm
VARIABLE SPEED	0-150 rpm	0-400 rpm	0-350 rpm	LS 0-80 / HS 0-500 rpm
INSTALLED POWER	2 kW	3 kW	8 kW	LS 25 kW / HS 45 kW
HEIGHT	640 mm	1600 mm	1860 mm	2700 mm
WIDTH	420 mm	950 mm	1250 mm	2200 mm
DEPTH	730 mm	1250 mm	1665 mm	3050 mm
WEIGHT	80 Kg	490 Kg	1100 Kg	5430 Kg

Color Dosing System	3	18	420	60 eFlow K Lab
TANK CAPACITY	1 x 1500 ml / 1 x 1 l	n.a	1 x 300 l / 1 x 180 l	2 x 15 l
INSTALLED POWER	n.a	n.a	1,5 kW	1 kW
HEIGH/WIDTH/DEPTH	n.a	n.a	1700 mm 944 mm 1535 mm	937 mm 375 mm 1205 mm
WEIGHT	n.a	n.a	2350 Kg	100 Kg



THE BEST IN SERVICE

Jeanologia has a global presence with strategically located offices & technical service hubs ALL OVER THE WORLD.

YOUR MACHINES WORKING AT 100% CAPACITY ALL TIME

