

easysteam

On-demand steaming unit for small and medium batches of printed fabrics for digital textile printing

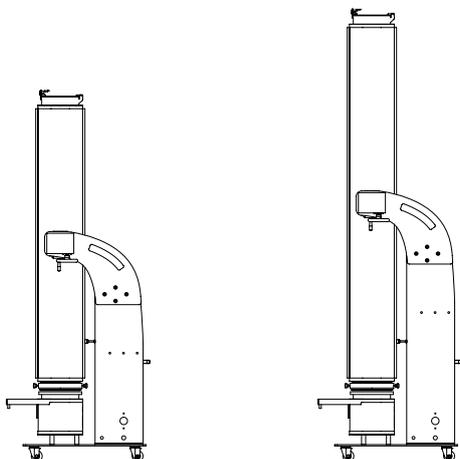
Why steaming printed fabrics?

Steaming is the operation by which colorants are stably fixed to the fabric.

It exploits the action of condensed humidity, combined with the one of the heat to allow that colorants and all the products deposited during printing will spread from the surface layer into the fiber and will become fixed.

Why easySTEAM?

The easySTEAM steaming process is comparable to the one normally produced in the traditional dyeing plants. Suitable to treat a wide range of fabrics printed with reactive and acid inks using the most common textile inkjet printers, easySTEAM does not work under pressure and stands out for its ease of use and easy integration within existing workflows even when it's used by operators with no specific experience.



A easySTEAM 2000

B easySTEAM 2600



Automation & optimization of process

Full integration

easySTEAM is designed as a stand-alone unit to be positioned in the print production department, serving one or more mid-range inkjet printers.

1. CONTROL PANEL

easySTEAM is equipped with an intuitive control panel installed directly on the machine, through which the operator can manage and adjust the main functions of the machine, such as steam flow rate and duration of the cycle. Diagnostic lights complete the equipment and make operations easier and safer during each phase of use.

2. STEAM GENERATOR

To ensure an optimal management of the steam flow inside the steaming chamber, **easySTEAM is equipped with a high-efficiency steam generator.** The system, governed by an automated timer, is able to produce up to 15 kg at a temperature of 102°C, to guarantee at the same time minimum water consumption.

3. MOTIONLESS STEAMING TECHNOLOGY

Unique in its kind, the **easySTEAM steaming system uses a perforated cylinder to maximize the fixation and the color brightness.** Thanks to the particular design of the steaming room and the absence of motion, it is possible to reduce the heating time and maintain a homogeneous temperature throughout the environment, avoiding cladding and abrasion that may cause non-compliance on the vaporized fabric.

4. WATER SOFTENING UNIT

easySTEAM can be equipped with a volumetric softener based on a filtering system made of self-regenerating resins. Useful to reduce the maintenance of the steam generator, it is fully automated and has extremely limited overall size.



Care for the environment is made of **practical actions**

Cibitex places utmost importance and its commitment **to provide the textile industry with sustainable technologies and to adopt good behavior towards the environment and our community.**

The energy we use is produced in large part by our photovoltaic system and we adopt the best manufacturing practices to reduce CO2 emissions, water consumption and the production of waste.

We are green

The sustainable excellence of easyLINE

The Acimit Green Label is a document that has the purpose to identify and make easily recognizable the energy and environmental performance of textile machinery, in reference to a process chosen by the manufacturer as a comparison parameter.

In the absence of internationally recognized standards, Cibitex and Italian manufacturers are promoting a tool that aims to show some performance data for machinery that combine technological excellence and sustainability. In particular, the equivalent amount of emissions of carbon dioxide (Carbon Footprint) produced during operation of the machine is the parameter chosen to give the machine object of the labeling a value of ecological efficiency.



A continuous commitment to be virtuous

Cibitex believes in social responsibility as a core value.

For this reason we're constantly engaged in the adoption of internationally recognized best practices in the conduct of our business and customer, suppliers, partners and stakeholders relationship management.

Cibitex is ranked two stars by the Italian Antitrust Authority in the program called 'Legality Rating'.

Technical specifications

Main applications

Steaming of fabrics printed using inkjet technologies

Steam generation technology

Electrical steaming generator

Steam temperature (Max)

102°C

Compatible ink chemistries

Acid and reactive

Fabric roll diameter (Max)

260 m

Fabric width (Max)

Mod. 2000: 1.800 mm

Mod. 2600: 2.400 mm

Machine size

Mod. 2000: 750x1020x2750 mm

Mod. 2600: 750x1020x3450 mm

Machine weight

Mod. 2000: 270 kg

Mod. 2600: 340 kg

User interface

Control panel on the machine

Power supply

400 V / 50 Hz / 3 ph

480 V / 60 Hz / 3 ph

Capacity (Max)

50 m



Want to run a test or a demo with your fabrics?

Cibitex easyTEX LAB is our demo center and is available for our end users and sales partners at our headquarters in Solbiate Olona (Varese, Italy). At our site, managed by service engineers, demonstrators and consultants, we've always installed and operating all our easyLINE modules. easyTEX LAB is also equipped with a training and conference area.

easytexlab

[For details please contact our Sales & Marketing:](#)

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