

easywash

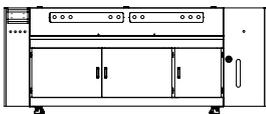
Professional washing unit for small & medium batches of printed fabrics for digital textile printing

Why washing printed fabric?

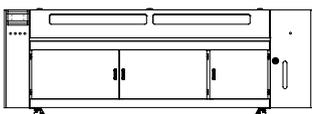
This operation is necessary to remove from the fabric the unfixed colorant, the thickener, the products of reaction and the reactants still present on it and no longer needed, which may adversely affect the correct use of fabric printed by the end user. Indispensable in the case of traditional ink chemistries (mostly acid and reactive), in many cases it is recommended or even required for pigments, dispersed and sublimation inks.

Why easyWASH?

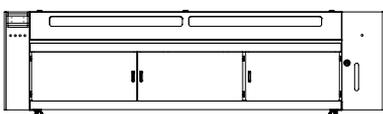
easyWASH was created to overcome the criticality imposed by conventional washing systems that require large amounts of water, energy and space. Thanks to its extraordinary compactness and versatility, easyWASH can be easily inserted into any production department, it operates with reduced water consumption and minimum energy requirements. The exclusive motionless technology, resulting from many years of experience in the construction of textile finishing plants, allows to wash fabric rolls of up to 200 meters (variable depending on the fabric weight) in less than an hour.



A easyWASH 2000



B easyWASH 2600



C easyWASH 3500



Automation & optimization of process

Full integration

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

1. SEPARATE WATER TANKS WITH HEATING SYSTEM

easyWASH can be supplied with a water heating and storage unit.

The system is composed by three independent tanks fed by a single line, each one with its own heating system, the temperature of which can be managed independently. The special insulation of this unit allows the water, once the required temperature is reached, to maintain the accumulated heat for several hours. The control unit is integrated into the easyLINE management via tablet.

2. INDEPENDENT WATER SUPPLY PIPES

To ensure an optimal control of the water flows in input to the washing cylinder, easyWASH offers the opportunity to connect up to 3 different inlet pipes. Operated by pneumatic solenoid valves, it is possible to control their

opening and closing via tablet, for a better energy efficiency and washing capacity.

3. PERFORATED WASHING TUBE

Unique in its kind, the easyWASH washing system with perforated tube allows to maximize the cleaning effect of the water flow.

Thanks to the special holes and the injection pressure control, the system reaches the maximum energy efficiency, significantly reducing the waste of water, electricity and additives. It guarantees at the same time the excellent results both on small samples and on rolls up to 200 meters*.

** May vary depending on the type of fabric*

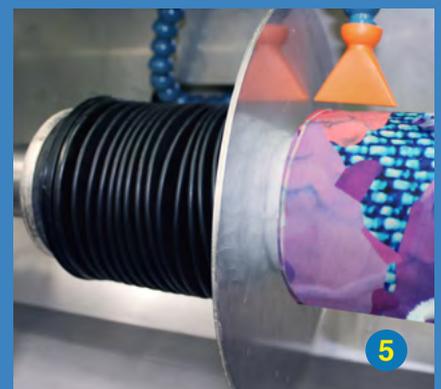
4. MIXING STATION FOR ADDITIVES

easyWASH comes complete of a power supply system and dosing of chemicals.

Equipped with a specific dosing pump and two tanks, the unit is able to mix the main products used during washing procedures with the water, maximizing the efficiency and drastically reducing the consumption.

5. VARIABLE-STROKE SELF ADAPTIVE FLANGES

Made entirely of stainless steel, the variable-stroke flanges are a useful option to allow each perforated tube to manage the different widths of washable fabrics. The presence of a spring inside the flanges also enables to ensure a perfect contact with the edges of the roll even in the case of width reductions of those fabrics with reduced dimensional stability.



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

Washing of inkjet printed fabrics

Washing technology

Drilled cylinder

Washing temperature (Max)

95°C *

Fabric width (Max)

Mod. 2000: 1.800 mm

Mod. 2600: 2.400 mm

Mod. 3500: 3.300 mm

Fabric roll diameter (Max)

300 mm

Machine size

Mod. 2000: 3280x740x1360 mm

Mod. 2600: 3870x740x1360 mm

Mod. 3500: 4780x800x1400 mm

Machine weight

Mod. 2000: 470 kg

Mod. 2600: 520 kg

Mod. 3500: 600 kg

User interface

Touchscreen

Power supply

400 V / 50 Hz / 3 ph

480 V / 60 Hz / 3 ph

Capacity (Max)

200 m

* (With optional heating system)



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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