



Designed and Manufactured 100% in Italy

## Complete Brochure



## Textile Drying Solutions

Screen Printing

DTG Printing

Textile Accessories



Chiossi e Cavazzuti was founded as a manufacturer of Dryers in 1979 in Carpi in the heart of the Italian Motor Valley. The Company has grown 40 years of experience creating high quality, heavy duty industrial machinery.

Technical assistance is provided to machines that have been produced more than 30 years ago, witnessing its structural solidity and longevity, following the ideal of sustainability and long lasting, high performance machines.

The technological expertise built up over years of research, closely tied to international manufacturing and distribution activities, is the best Guarantee of Quality that Chiossi e Cavazzuti can provide.

Each step of the production process is carried out in Italy, using only Italian and European components, according to the highest safety and quality standards.

Thanks to the excellent references on the market, The Company reached important and exclusive trade agreements with several producers of digital and screen printing machines, that rely on Chiossi e Cavazzuti drying systems.



# Table of Contents

## Dryers - DTG Printing

<i>Tetris Dryers</i>	04
<i>Tetris I 900 BIZONE</i>	06
<i>Tetris Common Features</i>	07
<i>Dido Pro and Dido Shop</i>	08
<i>Griff Dryers</i>	10

## Dryers - Screen Printing

<i>Fahrenheit Dryers</i>	12
<i>Noir Dryers</i>	14
<i>Piccolo</i>	16
<i>Micro</i>	18

## Flash Cures

<i>Yo-Yo, Spot Easy, Magic</i>	20
--------------------------------	----

## Accessories for Textile

<i>Folding machine Speedy-T</i>	22
<i>Printing Tables</i>	24

## About Us

<i>History of the Company</i>	22
-------------------------------	----



Hot Air



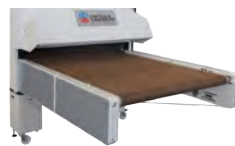
Infra Red  
(Optional)

## Electric, Forced hot Air, Modular Dryers Specifically designed for DTG, built to suit your needs



## Optionals

- Multiple conveyor belt configurations
- Inlet and outlet extensions
- Outlet cooling hood
- Inverter for Air modulation
- Entrance with IR flash module
- Tunnel Height increased to 250mm
- External Plug



### • Single conveyor belt

Basic configuration



### • Double conveyor belt

Cure with different time simultaneously  
Available on I200 and I900 models



### • Returning conveyor belt

Load and unload in the same position  
Standard on Ace 600 and Ace 950  
Available on all models



Hot Air



DTG  
Printing



Screen  
Printing



Pad  
Printing



Embroidery  
Gauze

Main Application: DTG Digital Printing - Industrial production

## Configurations

Heating Chamber Length: from 2 to 4, 6 or 8 meters

Conveyor Belt Width: 600 - 950 - 1200 - 1900 mm

### Ace 600

Tunnel length: 2000 mm  
Belt width: 600 mm  
Max Power: 9,5 kW  
Production: 80 pieces/h



### Ace 950

Tunnel length: 2000 mm  
Belt width: 950 mm  
Max Power: 14 kW  
Production: 160 pieces/h

### Dual 1200

Tunnel length: 2000 mm  
Belt width: 1200 mm  
Max Power: 19 kW  
Production: 240 pieces/h



### Tandem 950

Tunnel length: 4000 mm  
Belt width: 950 mm  
Max Power: 28 kW  
Production: 320 pieces/h

### Poker 1200

Tunnel length: 4000 mm  
Belt width: 1200 mm  
Max Power: 39 kW  
Production: 480 pieces/h



### Poker 1900

Tunnel length: 4000 mm  
Belt width: 1900 mm  
Max Power: 57 kW  
Production: 640 pieces/h

Other configurations and models available: Dual 1900 (Curing Area: 2000x1900mm), Tris 950 (Curing Area: 6000x950mm), Tetris 6 and 8 meters, etc.

TECHNICAL DATA	ACE 950	DUAL 1200	TANDEM 950	POKER 1900
Electrical Requirements	400V 3P+PE 20A	400V 3P+PE 29A	400V 3P+PE 42A	400V 3P+PE 90A
Power Consumption <sup>1</sup> (max)	14 kW	19 kW	28 kW	57 kW
Exhaust Specification	180 m <sup>3</sup> /h Ø 150 mm	180 m <sup>3</sup> /h Ø 150 mm	360 m <sup>3</sup> /h Ø 200 mm	360 m <sup>3</sup> /h Ø 200 mm
Max Temperature	180°C	180°C	180°C	180°C
Belt Width [mm]	950	1200	950	1900
Tunnel Length [mm]	2000	2000	4000	4000
Production <sup>2,3</sup> (light-dark)	160-100 pieces/h	240-160 pieces/h	320-210 pieces/h	640-420 pieces/h
Dimension <sup>4</sup> (LxWxH)[mm]	3800 x 1250 x h2250	4100 x 1500 x h2250	5800 x 1250 x h2250	6100 x 2200 x h2250
Shipping Weight <sup>4</sup>	650 kg	780 kg	950 kg	2200 kg

<sup>1</sup> Max Power consumption during first heating cycle. Working consumption is about 60% of max value, depending on environmental conditions.

<sup>2,3</sup> Production of T-shirts with A4 size DTG print - 4 minutes curing time for light garments - 6 minutes curing time for dark garments.

<sup>4</sup> Dimension and Weight can change accordingly to inlet/outlet extensions and Optionals.

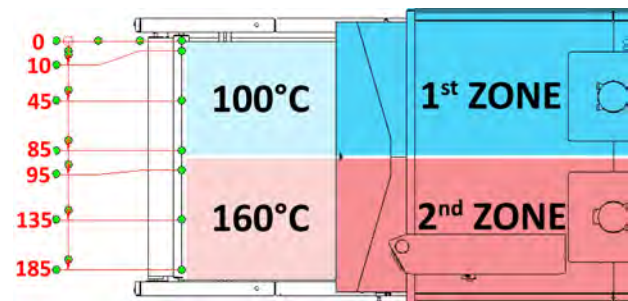


## TETRIS I900 BIZONE

### Independent Heating Modules

The TETRIS I900 platform has been carefully separated in two independent 950 modules: each module has a dedicated temperature probe, a solid state relay that controls the power to the heating resistor and a temperature controller that commands the SSR according to the temperature setpoint and the temperature measured by the probe in real time.

- Temperature: from 0° to 180°C in each zone
- Independent Belt Speed and Temperature Control
- Drying Area: 2000 or 4000 x (950+950)mm
- Cure 2 different Products simultaneously



DUAL I900 BIZONE



POKER I900 BIZONE



## Optionals for all Tetris Dryers

### Tunnel Height increased

- cure objects or thick garments
- adjust height between 100-250mm



### Cooling Hood and Socket

- quickly cool down cured products
- directly Plug-In your equipment



### Entrance with IR Flash Module

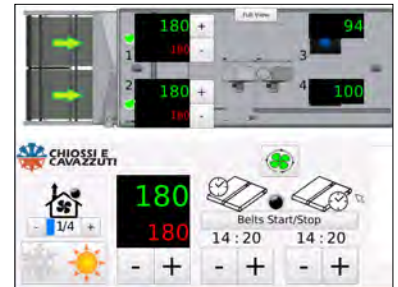
- quickly heat to desired temperature
- speed up the production





## PLC Colored Touchscreen

The control panel has an easy and interactive interface design: Speed, Time and Temperature control are processed digitally for precise and fast adjustments. The automatic cooling off and shutdown can be set on demand to suit different working necessities; dryer technical parameters, real-time energy consumption and alarm notifications are clearly displayed.



## Fumes Extractor with Filter

The air exchange is adjusted to discharge steam and promote the highest volume of air circulation. The dedicated motor is activated automatically when needed and can be adjusted by the PLC to set the best fumes extraction/heating management ratio. The metallic mesh filter ensures the efficiency of the system, minimizing waste and pollution in the environment.

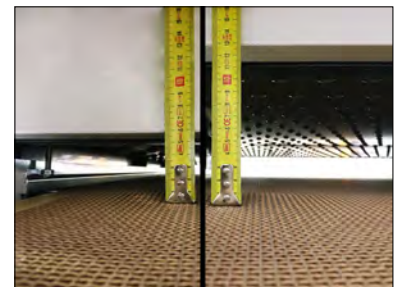


## Hood Shutter and Fumes Valve

Both the Entry and Exit of the Tunnel are provided with fumes hoods with adjustable shutter and fumes valve.

## Adjustable Tunnel Height

Rotate the Handwheel to raise or lower the working height between 20 and 130mm, in order to cure thick garments and objects and achieve a direct jet of air.

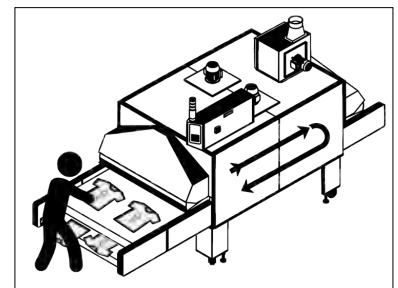


## Returning lower Belt

Double belt system to load and unload from the same position: the lower belt returns the cured products, reducing overall size and operator movements.

## Centering Belt Device

The automatic centering device ensure that the belt stays on track without any manual adjustments.



## Removable Inspection Panels

Every lateral panel is removable to speed up maintenance operations and easily reach the filters.

## Casters and Adjustable Feet

Move the Dryer anywhere thanks to heavy duty casters with brakes. Level it on any surface adjusting the threaded feet.





Hot Air

## DiDo PRO 6 Drawers

## DiDo Shop 3 Drawers

three-phase 400V  
(230V optional)

colored touchscreen with  
interactive interface



exhaust fumes  
extractor

drawers indicator lights  
and sound alarm

solid rail-drawer  
structure and  
magnetic closure

effective air ventilation filter  
no need to replace

## Features

**“DiDO” is the ideal solution thanks to its reduced consumption and compact size.**

The DiDO dryer has been designed to dry water-based, digitally printed inks. DiDo Shop is supplied by 230V monophase.

- It works very well with medium-long drying process thanks to the control of the temperature and its efficient air circulation: for this reason it's perfect for fine fabrics like Lycra, wool, silk and flocked garments.
- DiDO is ideal for small factories, laboratories and shops thanks to its reduced dimensions and low consumption.
- Hourly production is approximately 60 garments (30 for DiDO Shop) with a permanence of 5-6 minutes per drawer.
- Suitable for any type of digital machines, its maximum working temperature is 180°C.
- The air is warmed by electrical heating elements and blown in a vertical convection current in order to be uniform everywhere. More so the filtered air keeps the fan and the conduct clean, improving the efficiency and power consumption of the system. The oven is equipped with exhaust fumes pipe and an heat exchanger.
- Each drawer is independent and equipped with its own timer, indicator light and sound alarm.
- DiDO Shop dryer introduces a colored touchscreen interface, easy and interactive to use, with important new features like the automatic heating-on and switch-off of the dryer, to minimize the time lost by the operator.





Hot Air



DTG  
Printing

Main Application: DTG Digital Printing - Entry level



Dido Pro with 6 open drawers

## Advantages

- easy and interactive interface
- automatic scheduled start
- safe cooling off and sleep mode
- precise temperature control
- each drawer has its own timer
- drying process indicator light and alarm
- low consumption ideal for small business
- compact and lightweight structure
- unique and uniform air ventilation
- no need for filter replacements
- equipped with exhaust fumes extractor



Dido Pro PLC Interface



Dido Shop with T-shirt



Dido Shop PLC Interface

TECHNICAL DATA	DIDO PRO	DIDO Shop
Electrical Requirements	400V 3P+N+PE 16 A	230V 1P+N+PE 16 A
Exhaust Specification	40 m <sup>3</sup> /h Ø 80 mm	40 m <sup>3</sup> /h Ø 80 mm
Power Consumption (max)	9,3 kw	3,7 kw
Max Temperature	180°C	180°C
Drawer Size [mm]	700x680xh90	700x680xh90
Production <sup>1</sup> (light-dark)	90-60 pieces/h	45-30 pieces/h
Dimension (LxWxH) [mm]	1184x833x1667	1184x833x1202
Shipping Weight	300 kg	210 kg
<sup>1</sup> Production of t-shirts with A4 print size: 4 minutes curing time for light garments - 6 minutes curing time for dark garment		

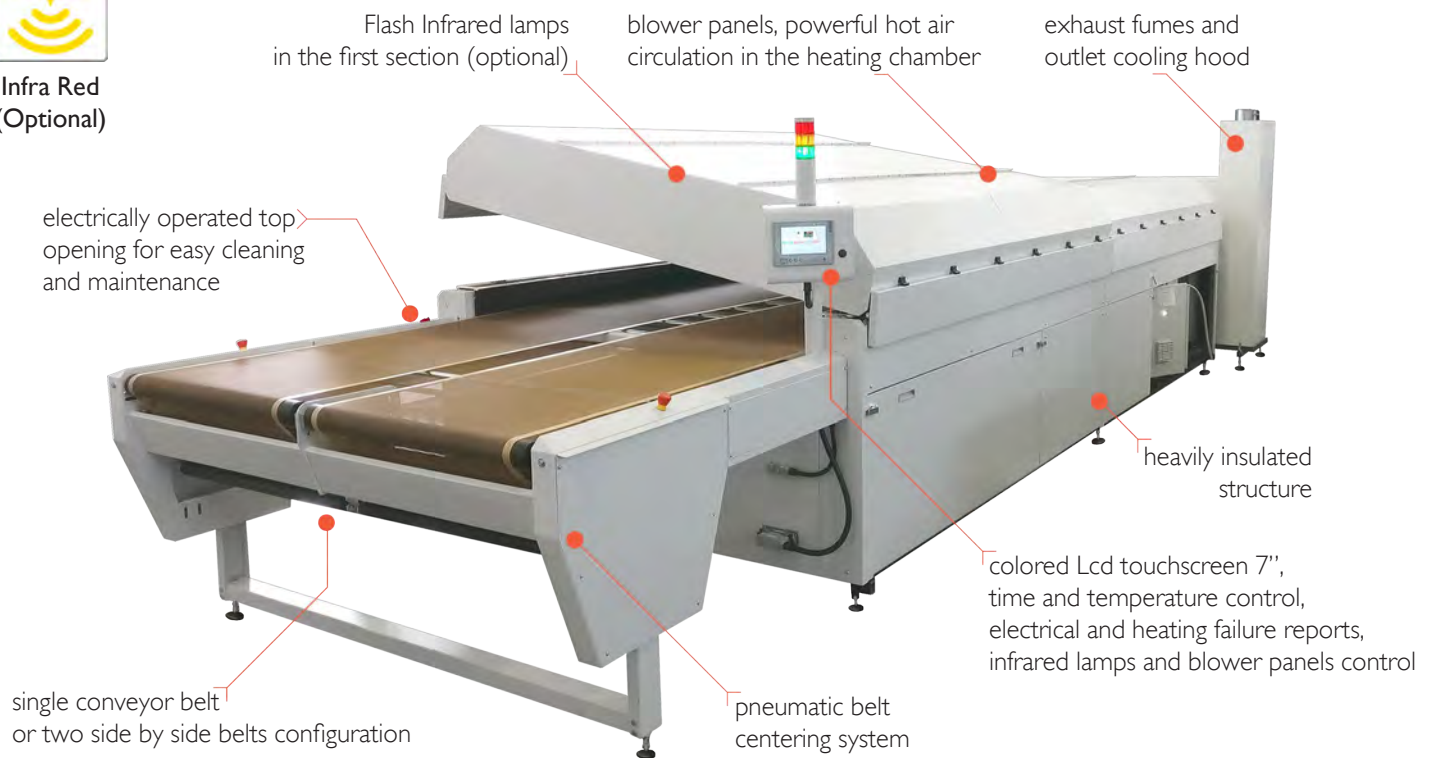


Hot Air



Infra Red  
(Optional)

## Gas, Forced hot Air, Powerful Dryers



## Features

**“Griff” is the tunnel dryer with the highest air circulation of its kind.**

- It is designed to dry and cure fabrics printed with digital printers using water-based inks.
- The hot air circulation is particularly accurate and use reversed blades fans, with high efficiency and low noise.
- The air exchange is calibrated to expel water vapor and combustion fumes and facilitate drying.
- The outflow nozzles send the air onto the product in a perpendicular and high speed way.
- The temperature is regulated by a precision thermostat that drives a modulating premixed burner.
- The flame is always present and its intensity varies in function of power demand.
- The passage height is 130 mm, sufficient for the vast majority of products.
- The two independent belt speeds version can dry simultaneously two products with different drying time.
- It is possible to lift the upper section electronically to easily perform the internal cleaning of the dryer.

## Optionals

- Inlet and outlet extensions
- IR heating with flash lamps in the first meter of the heating chamber



Hot Air



Infra Red  
(Optional)



DTG  
Printing



Screen  
Printing

Main Application: DTG Digital Printing - Mass production



Griff PLC interface

## New Configurations

Tunnel Length: 4, 6 or 8 meters  
Belt width: 1400, 1800 or 2x900 mm



Infrared Lamps and upper section opening

## Advantages

- new interactive interface
- optional combined drying system
- highest speed of hot air circulation
- powerful airflow specifically designed for DTG
- precise time and temperature control
- low consumption and efficient burner
- optional flash infrared lamps



Single belt configuration



Exhaust fumes and outlet cooling hood

Other models and configurations are available



TECHNICAL DATA	GRIFF 4140	GRIFF 4180	GRIFF 6180	GRIFF 8180
Electrical Requirements	400V 3P+N+PE 4,8 A	400V 3P+N+PE 4,8 A	400V 3P+N+PE 4,8 A	400V 3P+N+PE 5,1 A
Exhaust Specification	1500 m <sup>3</sup> /h Ø 200 mm	1500 m <sup>3</sup> /h Ø 200 mm	1500 m <sup>3</sup> /h Ø 200 mm	1500 m <sup>3</sup> /h Ø 300 mm
Max Temperature	180°C	180°C	180°C	180°C
Power Consumption (max)	2,5 kw	2,5 kw	2,5 kw	5 kw
Burner Power	40 kw	40 kw	40 kw	40 kw
Belt Width [mm]	1440	1800 or 2x900	1800 or 2x900	1800 or 2x900
Tunnel Length [mm]	4000	4000	6000	8000
Production <sup>1,2</sup> (light-dark)	480-320 pieces/h	640-420 pieces/h	940-470 pieces/h	1000+ pieces/h
Dimension (LxWxH)[mm]	6980x2150x2100	6980x2475x2100	8980x2475x2100	10980x2475x2100
Shipping Weight	1800 kg	2000 kg	2500 kg	4000 kg

<sup>1,2</sup> Production of T-shirts with A4 size DTG print - 4 minutes curing time for light garments - 6 minutes curing time for dark garments.



Hot Air

## Electric or Gas Modular Dryers



## Features

- The Fahrenheit Dryer is designed to rapidly dry any kind of ink from a minimum temperature of 100°C up to a maximum of 200°C.
- Available in various sizes, this dryer forms a modular structure and adds new modules to adapt to various production requirements.
  - Provided with an extractor fan and hood located at both sides of the dryer for the expulsion of fumes and vapors of the process.
  - Equipped with internal diagnostics to detect malfunctioning and faults, if any.
  - Height adjustment of the hot air emission surfaces from 50 to 140 mm.
  - Forced air recirculation system designed to make the preset temperature uniform.
  - Protective filters to keep the fans and ducts clean and ensure efficiency over time.
  - Provided with pneumatic system for belt centering and tensioning.
  - Belt speed and temperature are adjustable directly on control panel.
  - Designed to dry both Plastisol and water-based inks.
  - Powered by Gas or only by electricity.

## Optionals

- Inlet and outlet extensions
- Outlet cooling system



Hot Air



Screen  
Printing

Main Application: Screen Printing - Mass production

## Configurations

Heating Chamber Length: from 4, 6, 8 to 10 meters

Heating Chamber Width: 1100 - 1600 - 1800 mm

### Fahrenheit Gas 8180

Curing Area: 8000x1800 mm

Power consumption: 7,8 kw

Production: 800 pieces/h



### Fahrenheit Electric 6160

Curing Area: 6000x1600 mm

Power consumption: 49 kw

Production: 600 pieces/h



Other configurations available: Fahrenheit Electric 6110 (6000x1100mm), Fahrenheit Electric 8160 (8000x1600mm), Fahrenheit Gas 10180 (10000x1800mm), etc.

TECHNICAL DATA	ELECTRIC FAHRENHEIT 4110	ELECTRIC FAHRENHEIT 6160	GAS FAHRENHEIT 6180	GAS FAHRENHEIT 8180
Electrical Requirements	400V 3P+N+PE 38 A	400V 3P+N+PE 75 A	400V 3P+N+PE 17,5 A	400V 3P+N+PE 22 A
Exhaust Specification	600 m <sup>3</sup> /h Ø 300 mm	800 m <sup>3</sup> /h Ø 300 mm	2000 m <sup>3</sup> /h Ø 300 mm	4000 m <sup>3</sup> /h Ø 300 mm
Power Consumption (max)	26 kw	49 kw	6,8 kw	7,8 kw
Max Temperature	180°C	180°C	180°C	180°C
Belt Width [mm]	1050	1550	1750	1750
Tunnel Length [mm]	4000	6000	6000	8000
Production <sup>1</sup>	400 pieces/h	600 pieces/h	650 pieces/h	800 pieces/h
Dimension <sup>2</sup> (LxWxH)[mm]	6000x1550x1620	9000x2300x1700	9000x2500x2350	11000x2500x2350
Shipping Weight	1200 kg	2000 kg	3000 kg	3700 kg

<sup>1</sup> Production of T-shirts with A4 print size - 3 minutes curing time

<sup>2</sup> Dimension can change accordingly to inlet or outlet extensions

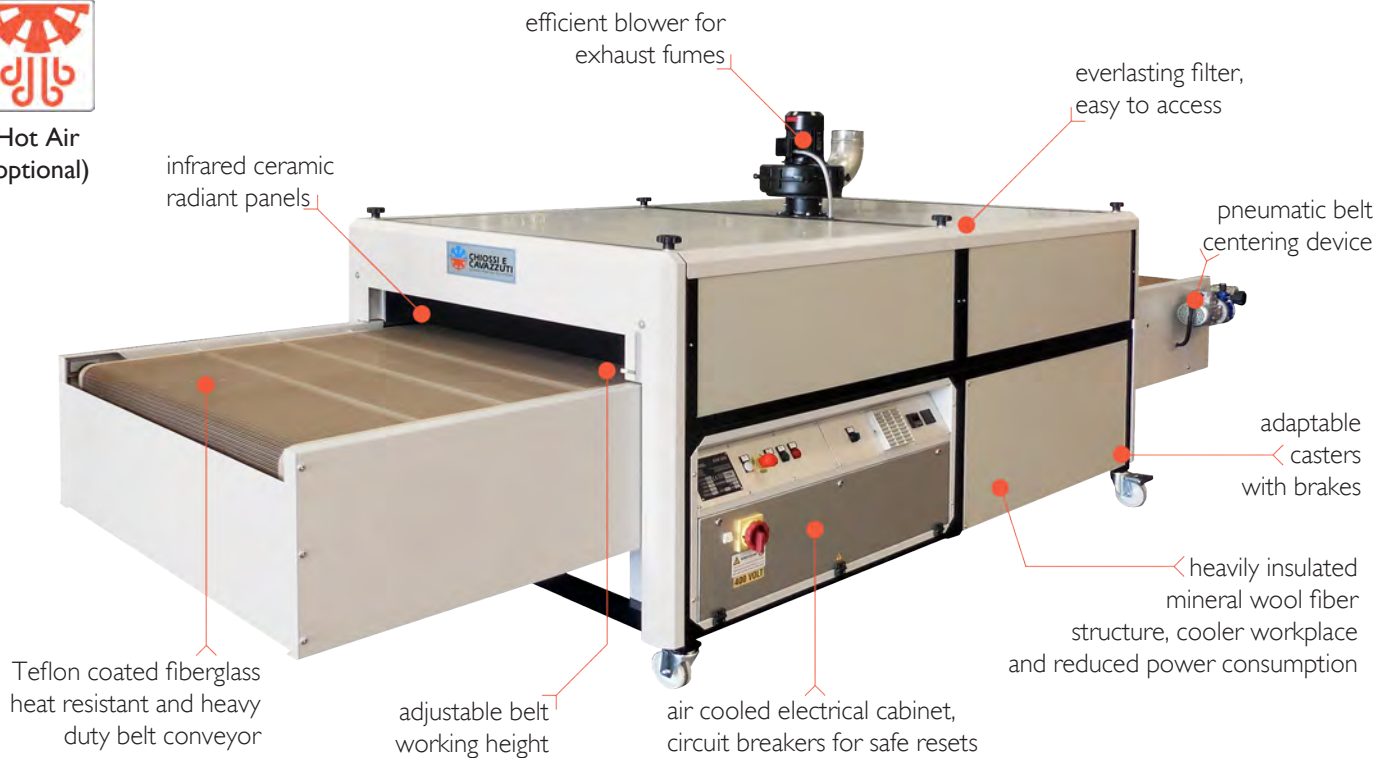


Infra Red



Hot Air  
(optional)

## Infra-Red Radiant Panels Dryers



## Features

**“NOIR” is a high speed dryer designed to quickly cure plastisol inks on fabrics.**

- Precise electronic temperature regulator which acts directly on radiant panel temperature.
- High quality drying thanks to its special radiant panels which guarantee no drying quality differences for light or dark colors.
- Conveyor belt speed is regulated by a mechanical variable speed control with an extensive speed range which limits its maintenance.
- Perfect belt alignment thanks to an air-operated centering device and tensioning system that automatically compensates any stretch.
- Tunnel height can be adjusted to position the radiant panels at will and thus optimize drying performance.
- Cladding panels are perfectly insulated by adopting special technical measures and excellent quality materials.
- The outer surface always remains at ambient temperature, thereby reducing dispersion of heat.
- Provided with extraction fan for expulsion of fumes from the process.

## Optionals

- Forced hot air system to dry water-based inks
- Increase entrance height to 300mm
- Conveyor belt wide 1600mm
- Inlet and outlet extensions
- Outlet cooling system



Noir 3750 with combined hot air drying system and heating chamber height increased to 300mm



Infra Red



Hot Air  
(optional)



Screen  
Printing

Main Application: Screen Printing - Industrial production

## Configurations

### Noir 2500

Curing Area: 2500x1050 mm

Power: 15,5 kw

Production: 450 pieces/h



### Noir 3750

Curing Area: 3750x1050 mm

Power: 20,5 kw

Production: 680 pieces/h



### Noir 5000

Curing Area: 5000x1050 mm

Power: 32 kw

Production: 900 pieces/h



Other configurations are available on demand

TECHNICAL DATA	NOIR 2500	NOIR 3750	NOIR 5000
Electrical Requirements	400V 3P+N+PE 25 A	400V 3P+N+PE 31 A	400V 3P+N+PE 50 A
Exhaust Specification	600 m <sup>3</sup> /h Ø 125/200 mm	600 m <sup>3</sup> /h Ø 125/200 mm	1200 m <sup>3</sup> /h Ø 125/200 mm
Max Temperature (IR Panels)	550°C	550°C	550°C
Power Consumption (max)	15,5 kw	20,5 kw	32 kw
Belt Width [mm]	1050	1050	1050
Tunnel Length [mm]	2500	3750	5000
Production <sup>1</sup>	450 pieces/h	680 pieces/h	900 pieces/h
Dimension <sup>2</sup> (LxWxH)[mm]	4500x1380x1640	5750x1380x1640	7000x1380x1640
Shipping Weight	660 kg	900 kg	1200 kg

<sup>1</sup> Production of T-shirts with A4 print size - 1,5 minutes curing time  
<sup>2</sup> Dimension can change accordingly to inlet or outlet extensions

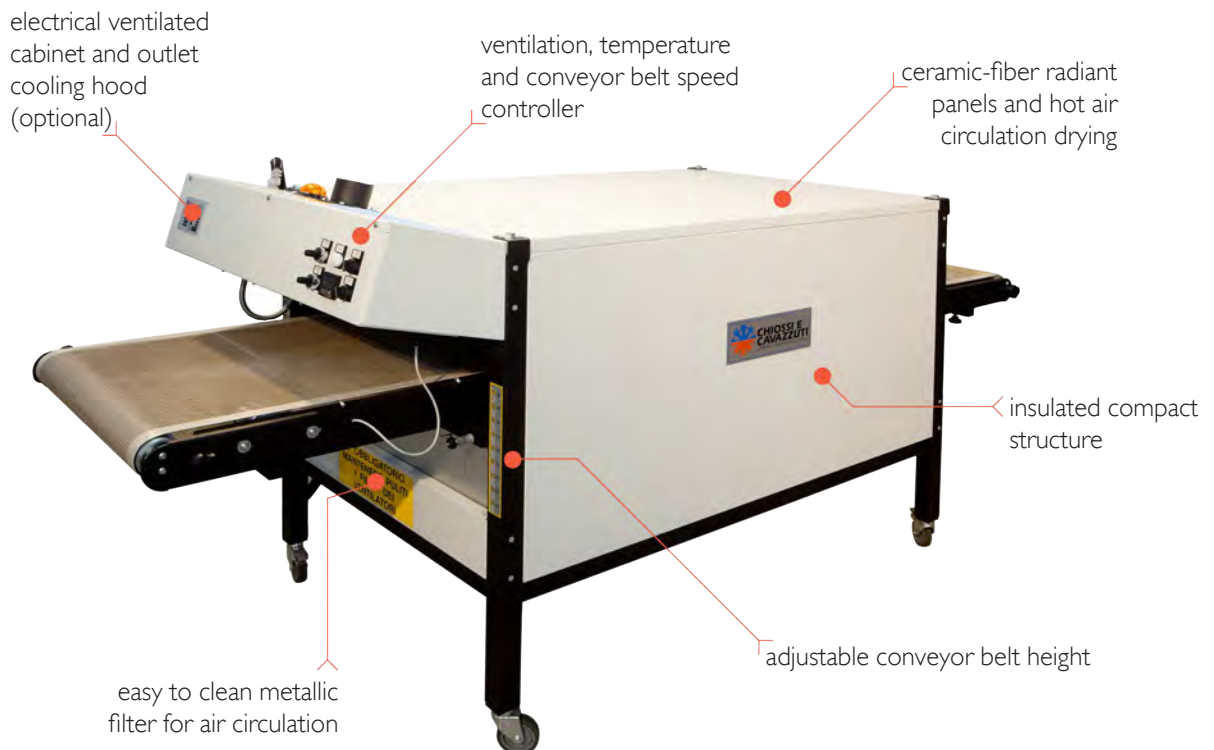


Infra Red



Hot Air

## Compact Dryer with Radiant Panels and Hot Air



## Features

“Piccolo” is a high quality product, designed to be fast and versatile.

- The dryer reaches the operating temperature in a few minutes thanks to its lightweight and compact structure.
- Three ceramic fiber radiant panels, combined with hot air circulation achieve great result with all kind of inks.
- Limited risk of damaging the fabrics, thanks to the kind of wave-length, which heats dark and light colors almost in the same way.
- The temperature can be regulated with precision, due to a sensor which measures the temperature on the radiating panel.
- The ventilation speed is adjustable, in order to uniform the temperature and respect delicate materials.
- Toothed track system to change the height of the tunnel in 9 position, ranging 20 to 260mm of distance from the radiant panels.
- It is provided with a cooling hood at the dryer outlet and extractor fan for the expulsion of exhaust fumes.
- A filter with stainless steel net, easy to remove and clean, protects the air mixing fan.
- A blow of fresh air cools the products going out of the tunnel and avoids that they deform or stick to one another (optional).

## Optionals

- Outlet Cooling Hood





Infra Red



Hot Air



Screen Printing



Pad Printing

Main Application: Screen Printing - Entry level



## Advantages

- dry both Plastisol and water-based
- both radiant-panels and hot-air curing system
- precise temperature and ventilation control
- 9 conveyor belt distances, from 20mm to 260mm
- middle-waves radiations dry dark and light garment the same way
- provided with cooling hood, fumes extractor and metallic mesh filter
- a built-in draft tube extract ink fume and smell
- low consumption ideal for small business
- compact and lightweight structure
- unique and uniform air ventilation
- adaptable to many curing requirements



TECHNICAL DATA	PICCOLO
Electrical Requirements	400V 3P+N+PE 11 A
Exhaust Specification	200 m <sup>3</sup> /h Ø 80 mm
Max Temperature (IR Panels)	500°C
Power Consumption (max)	7900 W
Belt Width [mm]	600
Tunnel Length [mm]	1500
Production <sup>1</sup>	200 pieces/h
Dimension (LxWxH)[mm]	2700x900x1220
Shipping Weight	200 kg
<sup>1</sup> Production of T-shirts with A4 print size - 1,5 minutes curing time	



Infra Red

## Compact Dryer with IR ceramic heaters



## Features

**“Micro” is our most compact dryer to polymerize Plastisol inks on screen printed fabrics.**

It is suitable for laboratories, small companies and sampling usage due to its compact size and low consumption.

Powered at 230V single-phase it can operate in any environment with a domestic electricity supply.

- Equipped with 4 ceramic heating elements with independent control.
- Considerably reduce required space when compared to other solutions.
- Infrared heating is very effective and allows to reduce overall consumption.
- The Dryer takes a few minutes to reach operating temperature.
- Thanks to the folding trolley and its low weight it can be transported on a normal car.
- The curing process can be adjusted by varying the belt speed, the distance of the ceramic elements and activating them individually



Infra Red



Screen Printing

Main Application: Screen Printing - Entry level

## Advantages

- small dimensions and low consumption
- independent ceramic heating elements
- easily disassembled with minimal maintenance
- fast start up and heating speed
- conveyor belt always centered in its guide
- distance from conveyor belt adjustable between 90 to 160 mm



Ceramic heating elements



Removable and foldable support

TECHNICAL DATA	MICRO
Electrical Requirements	230V 1P+N+PE 14 A
Exhaust Specification	Ø 150 mm
Power Consumption (max)	3,3 kw
Belt Width [mm]	550
Tunnel Length [mm]	880
Production <sup>1</sup>	80 pieces/h
Dimension (LxWxH)[mm]	1250 x 690 x 1340
Shipping Weight	65 kg
<sup>1</sup> Production of T-shirts with A4 print size - 1,5 minutes curing time	

## Yo-Yo

### Sliding Flash Cure for large graphics with low consumption

- This product is composed by a motor-operated base and a sliding radiant heater. It is the ideal choice for business enterprises where the current available is limited. YoYo operates with photocell, start pedal or start cable connected to the machine.
- The power can be adapted to avoid damage to delicate fabrics. The position of the radiant heater can be adjusted from the control panel and it works without mechanical limit switches.
- The speed of the slide is adjustable. The standard run of the radiator is 1000 mm. It is possible to select between one, two or multiple drying run on the surface. The printed surface remains free in order to check the actual drying process.
- The powerful air circulation facilitates the drying of all kinds of ink. The printing tables are less stressed by heat, thus reducing the risk of deformation.

### Optionals

- Interchangeable Heaters of various size: 288, 410, 600, 700 and 800mm
- Photocell starting controller and foot switch



## Spot Easy / Spot Easy XL

### Versatile Flash Cure for small graphics with independent lamps

The Spot Easy is a high quality product designed to dry screen printed inks on fabrics to allow overprinting. Thanks to the use of 9 medium wave Tungsten lamps and reflectors with optimized design, the inks dry fast, perfectly and its easy to use.

Spot Easy XL version has 14 lamps with a total radiated area of 500x700mm.

- Cheap Flash Cure with a thin design, versatile and perfect for small printed areas.
- The risk to damage the material is minimized, thanks to the type of lamp used, which heats both light and dark inks indifferently.
- The heating is carried out by "pulsar" type infra-red lamps which provide excellent results, ensure low consumption and long life.
- Each lamp has a luminous switch in order to operate only with the required heat.
- The lamps are switched-on by electronic components, without noise and wear.
- Provided with two fans to contribute to the drying process.

### Optionals

- Photocell starting controller
- Foot switch





Infra Red



Screen Printing

## Magic 25 / Magic 5000 / Magic 7000

### Automatic Flash Cure with time and temperature control

This product is particularly suitable to operate with modern, automatic printing machines. It is very easy to use and guarantees low operating costs and an excellent performance. A professional product for the professionals in the printing industry.

- Super quick start-up lamps with vacuum-filled tungsten filaments, a special feature that increases life and improves start-up time.
- Magic has mechanical or electronic start impulse and automatically notify the printing machine to be perfectly synchronized.
- The optical infrared thermometer reads the ink temperature instantly and stops the heating when the preset temperature has been reached, thus preventing the fabric from burning. If temperature control cannot be used, traditional timing control is still available.



TECHNICAL DATA	Yo-Yo 1000	Yo-Yo 1100
Electrical Requirements	400V 3P+N+PE	400V 3P+N+PE
Radiator Stroke [mm]	1000	1100
Working Height [mm]	850 - 1050 (min-max)	850 - 1050 (min-max)
Size (L x W x H <sup>1</sup> ) [mm]	1462x515x1340	1562x515x1340
Shipping Weight	44 kg	50 kg

<sup>1</sup> Overall height may change accordingly to support adjustments

TECHNICAL DATA	RADIATOR OPTIONS				
Radiator Width [mm]	288	420	600	700	800
Radiator Power [kW]	3kW	4,5kW	6kW	6kW	9kW

TECHNICAL DATA	Magic 25	Magic 5000	Magic 7000	Spot Easy	Spot Easy XL
Electrical Requirements	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE
Power Consumption (max)	12 kw - 19A	9 kw - 13 A	13 kw - 19,5 A	9 kw - 13 A	16,8 kw - 26 A
Curing Area [mm]	600x420	500x500	500x700	420x450	500x700
Working Height [mm]	on printer	850 - 1050	850 - 1050	891 - 1141	891 - 1141
Number of Lamps	12	9	9	9	14
Size (L x W x H <sup>1</sup> ) [mm]	630x510x260	1080x585x1250	1280x585x1250	931x580x1250	1190x580x1250
Shipping Weight	18 kg	50 kg	55 kg	43 kg	53 kg

<sup>1</sup> Overall height may change accordingly to support adjustments

## Folding and Packaging Machine



## Features

The Speedy-T is a semi-automatic folding and packaging machine.

This product is indispensable for a fast and uniform folding of T-shirts, sweaters, hoodies and other garments. The blades are interchangeable, very easy to adjust and adapt the fold to the required size, changing in few seconds the set-up from baby t-shirts to extra large sizes.

The factors of its success are the reliable fold quality combined with its heavy-duty production capability. It can be adapted to suit all shapes and sizes available on the market.

Speedy-T can operate in two ways:

- **Stacking Mode:** each folded garment is placed on the stacker, which descends automatically; a photocell indicates when the stack is at its maximum load and stops the machine.
- **Packaging Mode:** at the end of each work cycle the garment remains on the last blade, which is lifted up, and it can be easily packed in a bag.

The electronic control device features:

- 10 folding programs
- customization of folding programs
- self-diagnostics of anomalies and faults
- production counter and report when the preset number of pieces has been reached
- hourly production programming with acoustic signal for productions below minimum threshold setting



Stacker Mode with automatic photocell

Packaging Mode with ergonomic lifting blade



easy to use with foot pedal or start button

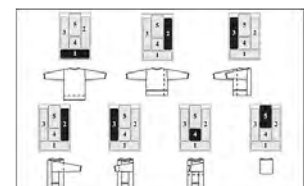
adapt various blade size to garment requirements

fold XS to XXL, long sleeved, with hoodie



customize on demand folding programs

automatic self diagnostic and production count



## Detailed Specifications

TECHNICAL DATA	SPEEDY-T
Electrical Requirements	230/110V 1P+N+PE
Air Specification	50 l/min - 6 bar
Power Consumption	230W
Production with stacker	500 pieces per hour
Production with packaging	350 pieces per hour
Fold Size* (min/max)	150x180 / 350x400 mm
Footprint Dimension	1500x710xh815 mm
Shipping Weight	90 kg
*Fold size can be quickly adjusted by moving the rails or replacing the blades with the provided small/normal/extra large sets.	

## ROI vs. folding manually

### Operator & flip board

- 275 folds per hour
- \$15 an hour
- \$0.55 spent per shirt

### Operator & Machine

- 500 folds per hour
- \$15 an hour
- \$0.03 spent per shirt

- Saving per T-shirt = \$0.025
- Saving per Hour = \$12.50
- Monthly ROI (20 hours) = **\$250**

## Profit on bagged garments

- Cost of poly bag = \$ 0.05 (average price)
- Cost of labor per = \$ 0.04 (350 shirts / \$15 h)
  - Sale price for bagging = \$ 0.25
  - Profit per t-shirt/bag = \$ 0.16
- Profit at 7000 shirts bagged a month (equal to 20 hours of operation) = **\$1120**

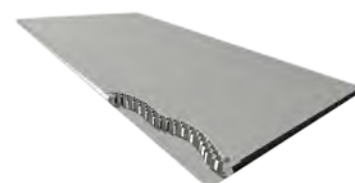
## Honeycomb Aluminium Pallets

The Alluplan pallet series are produced using aerospace quality materials with high mechanical and thermal resistance.

These Printing tables are made of honeycomb lightweight aluminium resistant to solvents and heat resistant up to 100 °C, without undergoing deformation.

Thanks to the lightness of the Alluplan tables, the inertia on the rotary motion of the machine is reduced, thus improving performance and increasing life of the products.

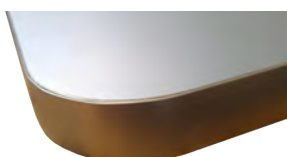
The pallets are also extremely easy to handle, compared to traditional ones, and make the assembly and disassembly processes easy to achieve with every printing machine.



TECHNICAL DATA	VALUES
Dimension	On demand
Material	Honeycomb Aluminium
Specific Weight	10 kg/m <sup>2</sup>
Frame Material	Aluminium / grey PVC / black PVC
Thickness	15 / 22 mm
Max Working Temperature	100°C
Printing Machines Compatibility	Large range of fixing attachments for all kind of screen printing and digital machines (MHM, MR, ROQ, SCHENK, TEKIND, HEBBECKER, ANATOL, KORNI, POLYPRINT, etc.)

The material of the frame can be either aluminium or Pvc, to fulfill each specific production requirement.

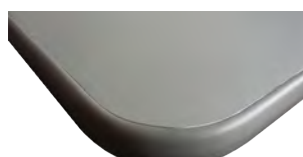
Aluminium (22mm)



Aluminium (15mm)



Grey PVC (15mm)



Black PVC (15mm)







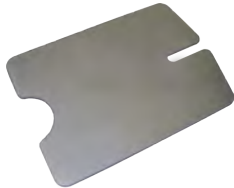
Screen Printing



DTG Printing

Main Application: Screen Printing

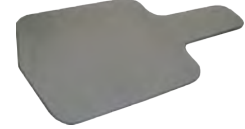
## Pallets Made on Demand



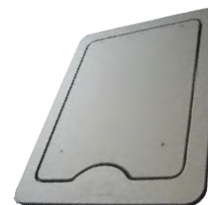
The Printing Table you need:  
choose the shape, size, thickness  
and fittings for your printing machine.

Made according to Customer requirements in  
order to guarantee better adaptability of the  
surfaces to the type of job required.

Large range of fittings for fixing to all kinds of  
printing machines, both screen and digital.



Printing Tables for Digital Printing Machines, provided with garment locking frame

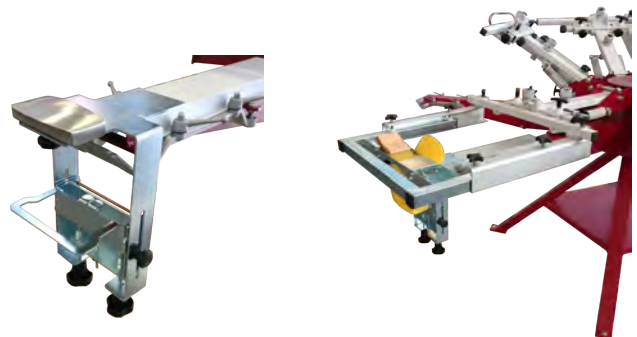


Manual Printing Machine Accessory:

The Printing Table "CAPS" is specifically designed to screen  
print on curved objects like caps or bags.

It can be micro adjusted on both the base of the pallet and  
the frame. Furthermore a spring tensor tighten the product to  
achieve the highest print quality.

Printing Area: 150x90mm





## ABOUT US

**“A TYPICAL COMPANY IN THE EMILIA REGION  
WHOSE KEY TO SUCCESS LIES IN ITS PROFESSIONAL  
SKILL AND ADVANCED TECHNOLOGY”**

**Chiossi e Cavazzuti** was founded in **1979** at Carpi (Modena) as a producer of dryers (paper, PVC sheets and textiles) and it soon branched out into all that concerns the screen printing industry.

At the beginning only three people were working in the company.  
**After 35 years of activity**, the factory has more than 25 employees with several suppliers and professionals that are working mainly for its business, steadily growing each year.

In **1988**, the Company moved to Rio Saliceto (RE) in a 1.700 square meters building, to satisfy the demands of a constant and unexpected growth in production.

In **1993**, experience and technological innovation led to designing the first special lamp specifically meant for the bodywork sector, with the aim of providing an alternative to the Anglo-Saxon and Scandinavian monopoly. Advanced technical study and a well equipped factory are the strong points in the manufacture of exclusive and well made lamps which were an immediate success at the Autopromotec exhibition in 1995.

**Since then, the Company has constantly maintained its objectives of quality and reliability, guaranteeing functional products designed in compliance with the latest safety standards.**

In addition to the line of products meant for screen printing sector and car bodywork sector, a new line was introduced meant for the embroidery sector. The result was the innovative **Speedy-T**, a machine capable of folding and packing clothing items in bags with considerable savings in terms of time and money, thus solving the problems of an increasingly demanding clientele.





In **2007**, the Company moved again, this time to Correggio (RE), to a new industrial building (3.000 square meters) to support the current logistic and production requirements.

With approximately **6.000 customers, 40 International and 20 Italian distributors**, our brand is a well known protagonist in the screen and digital printing global market. Our website [www.chiossiecavazzuti.com](http://www.chiossiecavazzuti.com) receives every day from 150 to 200 new visitors.

Today, the Company maintains close contact with those whose activities revolve around Chiossi e Cavazzuti's machines, and handles the After-sales Service directly, in order to follow and satisfy the technical and production requirements of the present and the future.



Chiossi e Cavazzuti factory in Correggio (RE), located in the heart of the Emilia region



Chiozzi e Cavazzuti  
production factory,  
logistic and sales offices,  
sited in Correggio (RE) Italy.

Each step of the manufacturing  
process is carried out in Italy,  
with Italian and European  
components, according to  
the highest safety and quality  
standards.



The Company was founded in 1979 as a producer of dryers  
( paper, glass, PVC sheets and textile) and it soon branched out  
into all that concerns the printing industry.



**CHIOSSI E CAVAZZUTI S.R.L.**

Via Costituzione 50/D - 42015 Correggio (RE) Italy

P.iva 01357650355 - C.f. 00863610366

Tel: +39 0522 637224 - Fax: +39 0522 631180

Email: [cc@chiossiecavazzuti.com](mailto:cc@chiossiecavazzuti.com)



**WWW.CHIOSSIECAVAZZUTI.COM**

visit our website to see the complete range of products and request an offer