



ENG

Designed and Manufactured 100% in Italy

Complete Brochure



Textile Drying Solutions

Screen Printing

DTG Printing

Textile Accessories



In 2023 Chiossi e Cavazzuti celebrates 44 years of history of manufacturing industrial machinery.

The technological experience acquired over the years is closely linked to its manufacturing and distribution activities.

Chiossi e Cavazzuti drying systems guarantee low consumption and high quality during the heat treatment process.

The objectives of quality and reliability have been constantly maintained, creating functional products, designed in accordance with the latest safety standards and the specific needs of each Customer.

Even today technical assistance is carried out on machinery produced more than 30 years ago, witnessing its structural strength and longevity.



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Dryers for Screen Printing

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Hot Air

Modular Electric Dryers with Forced Hot Air Specifically designed for DTG, built to suit your needs



Optionals

- Inlet and outlet extensions
- Outlet cooling hood
- 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 for 1900 models



• Returning conveyor belt

Load and unload in the same position
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: 2000 - 4000 - 6000 - 8000 mm

Conveyor Belt Width: 560 - 950 - 1200 - 1900 mm

Ace 600

Tunnel length: 2000 mm
Belt width: 560 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: 38 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 are available

TECHNICAL DATA	ACE 600	ACE 950	DUAL 1200	DUAL 1900	TANDEM 950	POKER 1200	POKER 1900
Power Supply	400V 3P+PE (208V/230V 3P+PE optional)			400V 3P+PE (208V/230V with optional autotransformer)			
Power Consumption ¹	9,5 kW - 15A	14 kW - 20A	19 kW - 29A	29 kW - 42A	28 kW - 42A	38 kW - 58A	57 kW - 90A
Max Temperature	180°C						
Exhaust Specification	130 m ³ /h - Ø 80 mm	180 m ³ /h - Ø 150 mm			360 m ³ /h - Ø 200 mm		
Tunnel Length	2000 mm				4000 mm		
Belt Width [mm]	560	950	1200	1900	950	1200	1900
Production ^{2,3} (light-dark)	80 - 50 pieces/h	160-100 pieces/h	240-160 pieces/h	320 - 200 pieces/h	320-200 pieces/h	480 - 320 pieces/h	640-400 pieces/h
Dimension ⁴ (LxWxH) [mm]	3800 x 890 x h2150	3800 x 1250 x h2170	4150 x 1500 x h2250	4150 x 2200 x h2170	6150 x 1250 x h2350	6110 x 1500 x h2350	6150 x 2200 x h2350
Shipping Weight ⁴	440 kg	650 kg	780 kg	1020 kg	950 kg	1800 kg	2500 kg

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

² Production of L size T-shirts with A4 size DTG print - 4 minutes curing time for light garments - 6 minutes curing time for dark garments.

³ Production data consider the loading side by side of 1 product for 600mm belt, 2 for 950mm, 3 for 1200mm and 4 for 1900mm belt.

⁴ Dimension and Weight can change accordingly to inlet/outlet extensions or installed optionals.

Features and Advantages

“Tetris” is a modular platform of electric tunnel Dryers with forced hot air.

- **Specifically designed to cure and dry digital printing on fabrics**, the massive advantage of this Dryer is the high volume of forced air circulation: this facilitates and accelerates the evaporation of water-based digital inks with unmatched results on the finished garment in medium-long drying process.
- **In the heat chamber the temperature is uniform and constant on both sides and the center**, adjusted by precise thermostats and long lasting static relays, one for each heating module zone. In this manner the temperature never exceeds the set value, preventing damage even to the most delicate fabrics.
- **The air exchange is adjusted to discharge steam and promote high volume air circulation.** This enhanced airflow convection system is designed on purpose and employs high yield low noise reverse blades. Outflow nozzles direct the air onto the product perpendicularly and at high speed. Filters on each blower fan achieve an efficient and low maintenance working process.

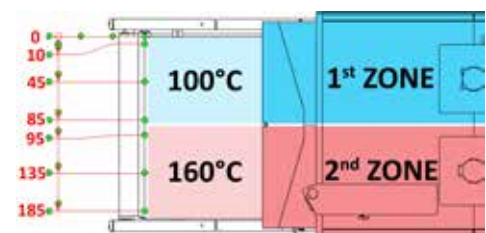
New Dual and Poker 1900 BIZONE

- Temperature: up to 180°C in each zone
- Independent belt speed and temperature control
- Drying area: 2000 or 4000 × (950+950)mm
- Cure 2 different products simultaneously



Independent Heating Modules

The TETRIS 1900 platform has been divided in two independent 950 modules: each one has a dedicated temperature probe, a solid state relay (SSR) that controls the power to the heating resistor and a temperature controller that commands the relay according to the setpoint and the temperature measured by the probe in real time.



Optionals for all Tetris Dryers

Tunnel Height increased (Only Tetris and Poker 1900)

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



Cooling Hood and Socket

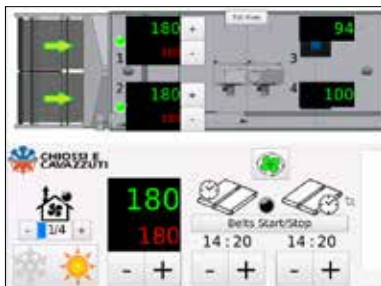
- quickly cool down cured products
- directly Plug-In your equipment



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 metallic 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.



Variable tunnel height

Rotate the Handwheel to raise or lower the working height between 30 and 130mm, in order to cure thick garments and objects and achieve a direct jet of air.



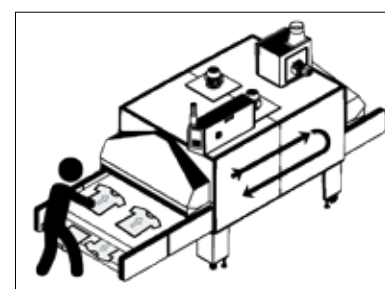
Hood shutter and fumes valve

Both the entry and exit of the Tunnel are provided with fumes hoods with adjustable shutter and fumes valve.



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

230V - 400V
three phase

DiDo Shop 3 Drawers

230V single phase

vertical jet of
air toward
each drawer

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 for shops thanks to low consumption and compact size.

- DIDO (Digital Drawers Oven) is designed to dry water-based ink for any kind of Direct-To-Garment Printer.
- DIDO Shop is powered by 230V single phase while DIDO PRO by 400V or 230V three phases only.
- 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.
- 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 5-6 minutes per drawer.
- Suitable for any type of DTG printer, the 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.
- The filteres keeps the fan and the conduct clean, improving the efficiency and power consumption,
- Each drawer is independent with its own timer, indicator light, sound alarm and magnetic closure.
- DIDO is equipped with a colored touchscreen interface, easy and interactive to use, with important new features such as timers, temperature, air ventilation and fumes extraction adjustments, job recall, scheduled heating-on and automatic switch-off of the dryer to minimize operator downtime.



Hot Air

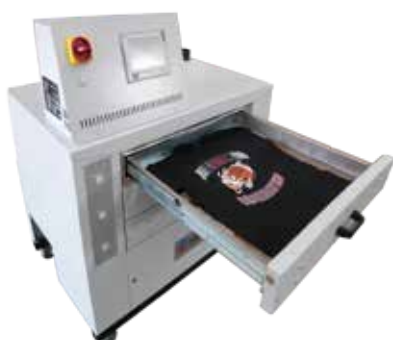


DTG
Printing

Main Application: DTG Digital Printing - Entry level



Dido Pro with 6 open drawers



Dido Shop with T-shirt

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 PLC Interface

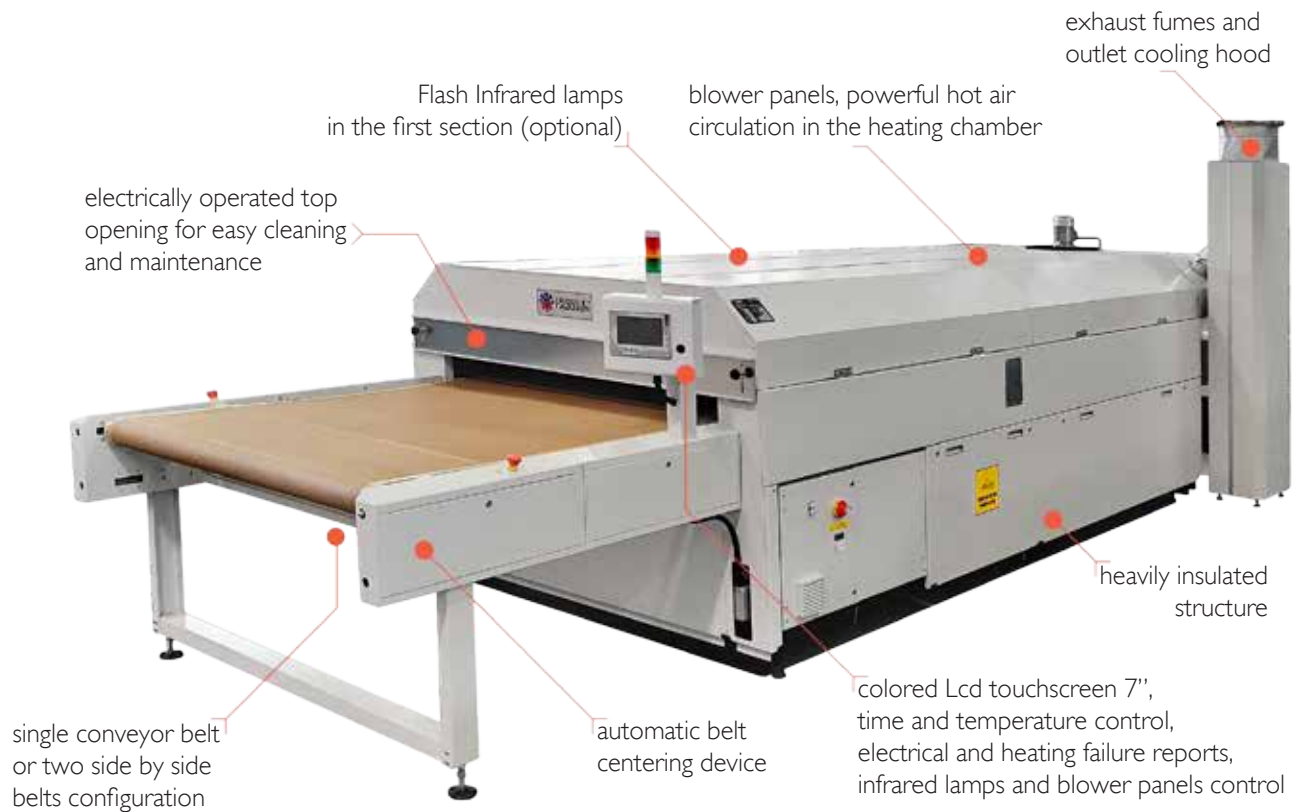
TECHNICAL DATA	DIDO PRO	DIDO Shop
Power Supply	400V 3P+N+PE 14 A 230V 3P+PE 22.5 A	230V 1P+N+PE 16 A
Power Consumption (max)	9 kW	3,5 kW
Exhaust Specification	60 m ³ /h Ø 80 mm	
Max Temperature	180°C	
Drawers	6	3
Drawer Size [mm]	700 x 680 x h90	
Production ¹ (light-dark)	90-60 pieces/h	45-30 pieces/h
Dimension (LxWxH) [mm]	1190 x 835 x h1670	1190 x 835 x h1270
Shipping Weight	310 kg	210 kg

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

² Production of t-shirts with A4 print size: 4 minutes curing time for light garments - 6 minutes curing time for dark garment.



Gas Dryers with powerful Forced Hot Air



Features

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

- It is designed for Dtg and Screen Printing, to cure fabrics printed with water-based or Plastisol inks.
- The hot air circulation is particularly accurate and use reversed blade 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 & Screen Printing - Mass production



Griff PLC interface

New Configurations

Tunnel Length: 4000 - 6000 - 8000 mm

Belt Width: 1400 - 1750 - 2x800 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
- easy maintenance operations



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
Power Supply (for GAS dryers ¹)	400V 3P+N+PE 11A	400V 3P+N+PE 10A 208V / 230V 3P+PE 16A		400V 3P+N+PE 10A 208V / 230V 3P+PE 16A
Exhaust Specification	1500 m ³ /h Ø 300 mm			2 x 1500 m ³ /h Ø 300mm
Power Consumption	3,2 kW	3,4 kW		7,5 kW
Burner Power	65 kW (max)			2 x 65kW (max)
Max Temperature	200°C			
Exhaust Specification	1550 m ³ /h Ø 200 mm			1xØ200(1500 m ³ /h) + 1xØ150(1250 m ³ /h)
Belt Width [mm]	1400	1750 or 2x800		
Tunnel Length [mm]	4000		6000	8000
Production ² (light-dark)	480-320 pieces/h	640-420 pieces/h	940-470 pieces/h	1000+ pieces/h
Dimension ³ (LxWxH)[mm]	7000 x 2150 x 2000	7000 x 2550 x 2250	9000 x 2550 x 2000	11000 x 2550 x 2100
Shipping Weight ³	1800 kg	2000 kg	3000 kg	4000 kg

¹ Power supply for electrical dryers is 400V 3P+PE. Consumption and absorption change accordingly to dryers dimension.

² Production of T-shirts with A4 size DTG print - 4 minutes curing time for light garments - 6 minutes curing time for dark garments.

³ Dimension and Weight can change accordingly to inlet/outlet extensions or installed optionals.

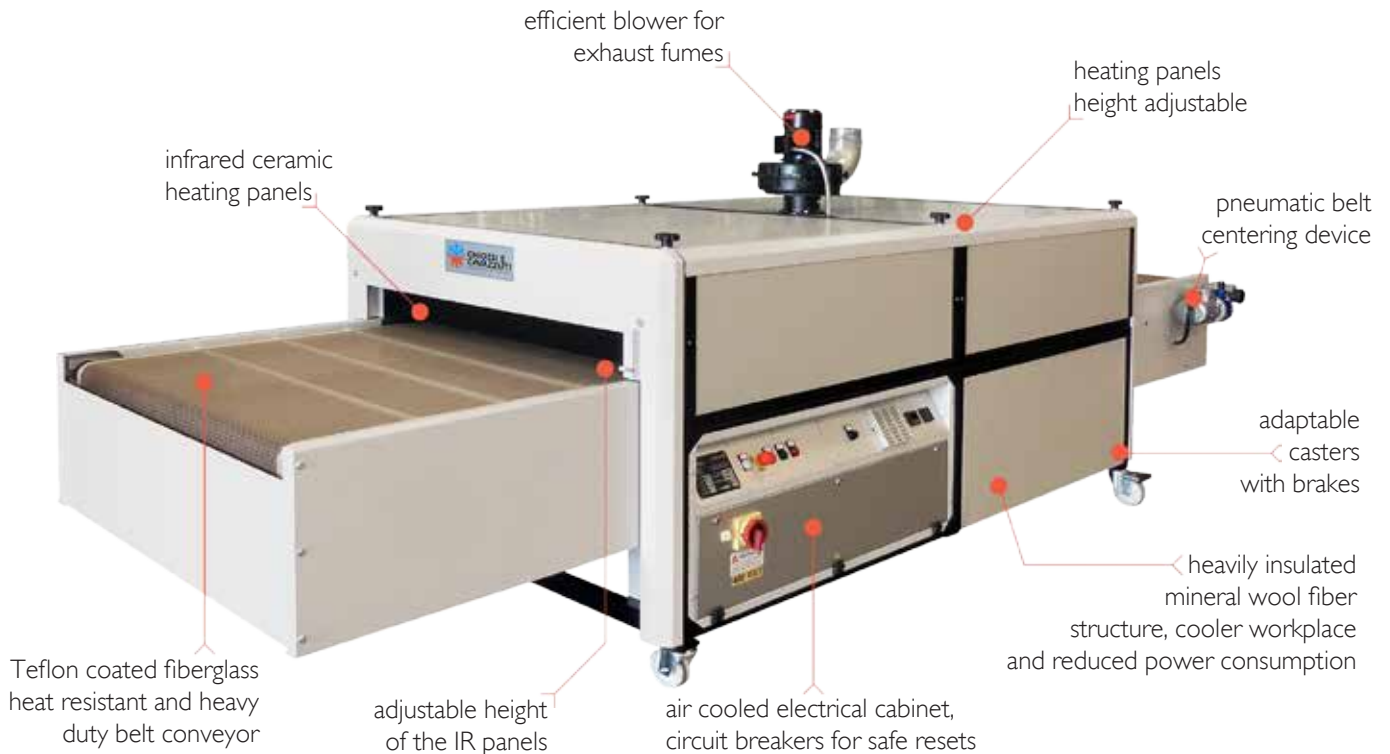


Infra Red



Forced Air
(optional)

Infra-Red Ceramic Heating 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 heating panels temperature.
- High quality drying thanks to special heating panels which no drying quality differences for light or dark colors.
- 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 heating panels at will to 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 exhaust fumes.

Optionals

- Forced 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 IR / Air system
and heating chamber height increased to 300mm



Infra Red



Forced 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
Power Supply	400V 3P+N+PE - 25 A	400V 3P+N+PE - 30.5 A	400V 3P+N+PE - 50 A
Exhaust Specification	600 m ³ /h - Ø 125 mm	600 m ³ /h - Ø 125 mm	1200 m ³ /h - Ø 125 mm
Max Temperature (IR Panels)	550°C		
Power Consumption (max)	16 kW	20,5 kW	32 kW
Belt Width [mm]	1050	1050	1050
Tunnel Length [mm]	2500	3750	5000
Production ¹	450 pieces/h	680 pieces/h	900 pieces/h
Dimension ² (LxWxH)[mm]	4500 x 1400 x 1650	5750 x 1400 x 1650	7000 x 1500 x 1650
Shipping Weight	600 kg	955 kg	1200 kg

¹ Production of T-shirts with A4 print size - 1,5 minutes curing time

² Dimension and Weight can change accordingly to inlet/outlet extensions or installed optionals.

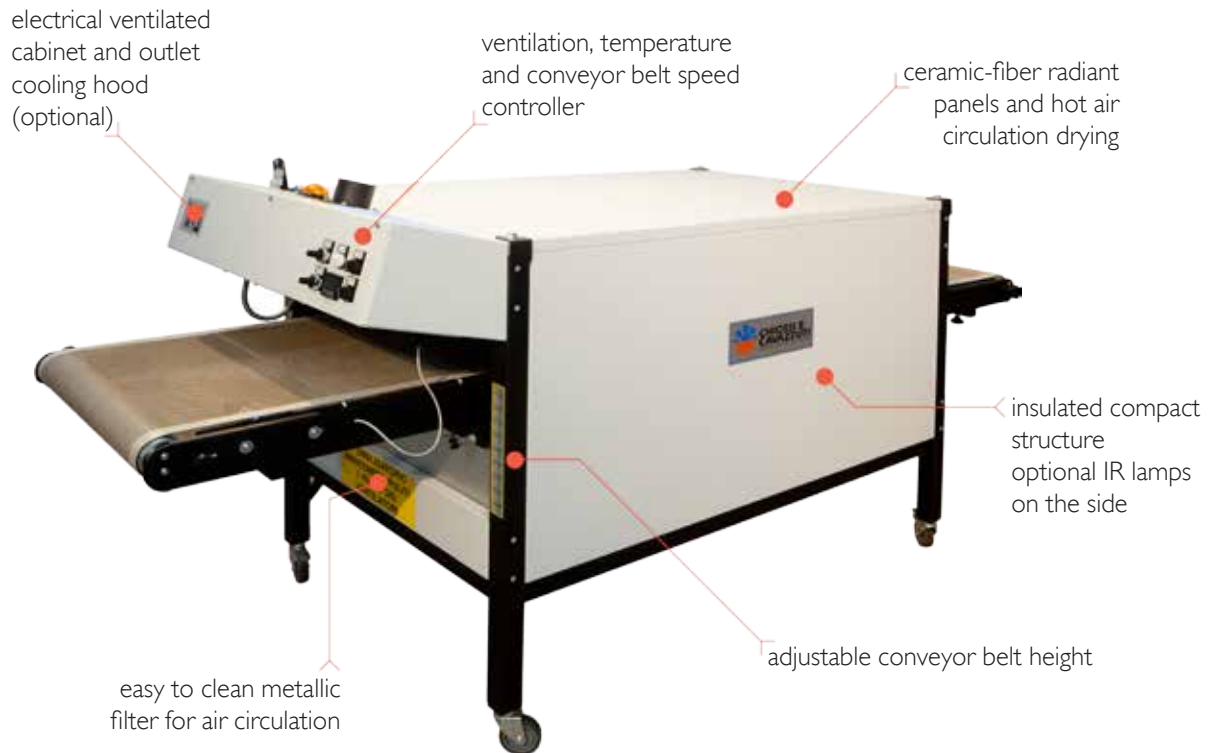


Infra Red



Forced 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 few minutes thanks to its compactness and well insulation.
- Three ceramic fiber radiant panels, combined with hot air circulation achieve great result with all kind of inks.
- Limited risk of damaging the fabrics with medium wave IR, which heats dark and light colors 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
- Lateral infra-red lamps



Infra Red



Forced 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 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
Power Supply	400V 3P+N+PE - 11 A (+4.5A with optional lamps)
Power Consumption (max)	7,2 kW (+3kW optional lamps)
Exhaust Specification	190 m ³ /h Ø 80 mm
Max Temperature (Heating Panels)	500°C
Belt Width [mm]	600
Tunnel Length [mm]	1500
Production ¹	200 pieces/h
Dimension (LxWxH)[mm]	2700 x 900 x 1220
Shipping Weight	200 kg

¹ Production of T-shirts with A4 print size - 1,5 minutes curing time



Infra Red

Compact Dryer with IR ceramic heaters



Features

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

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
Power Supply	230V IP+N+PE 14 A
Exhaust Specification	Ø 140 mm
Power Consumption	3,3 kW
Max Temperature	200
Belt Width [mm]	550
Tunnel Length [mm]	880
Production ¹	80 pieces/h
Dimension (LxWxH)[mm]	1250 x 700 x 1340
Shipping Weight	65 kg
¹ Production of T-shirts with A4 print size - 1,5 minutes curing time	

Yo-Yo

Sliding Flash Cure with low consumption for large areas

The YoYo 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 or 1100 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

- Photocell controller and foot switch
- Interchangeable Heaters size:
288mm (3kW) - 410mm (4,5kW) - 600mm (6kW) - 700mm (6kW) - 800mm (9kW)

Spot Easy / Spot Easy XL

Versatile Flash Cure for small areas with independent lamps

The Spot Easy is a high quality product designed to dry screen printed inks on fabrics to allow overprinting.

- With 9 medium wave Tungsten lamps and reflectors with optimized design, the inks dry fast and perfectly. Spot Easy XL version has 14 lamps with a total radiated area of 500x700mm.
- Flash Cure with thin design, versatile and perfect for small printed areas.
- The heating is carried out by "pulsar" type infra-red lamps which provide excellent results, ensure low consumption and long life.
- The risk to damage the material is minimized, thanks to the type of lamp used, which heats both light and dark inks indifferently.
- The lamps are switched-on by electronic components, without noise and wear, in order to operate only when required.
- Equipped with two fans to contribute to the drying process.



Optionals

- Photocell starting controller
- Photocell controller and foot switch



Infra Red



Screen
Printing

Magic 25 / Magic 5000 / Magic 7000

Automatic Flash Cure with time and temperature control for automatic machines

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.

- Quick start-up lamps vacuum-filled tungsten filaments, a special feature to improve lifetime and efficiency.
- Mechanical or electronic start that 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
Power Supply	400V 3P+N+PE	400V 3P+N+PE
Radiator Stroke [mm]	1000	1100
Working Height [mm]	850 - 1050 (min-max)	
Size (L x W x H ¹) [mm]	1462 x 515 x 1340	1562 x 515 x 1340
Shipping Weight	44 kg	50 kg

TECHNICAL DATA	RADIATOR OPTIONS				
	1310002	1310003	1310011	1310004	1310016
Radiator Width [mm]	381	522	692	812	907
Lamp Filament Length [mm]	288	410	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
Power Supply	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE	400V 3P+N+PE
Power Consumption	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	890 - 1150	890 - 1150
Number of Lamps	12	9	9	9	14
Size (L x W x H ¹) [mm]	630 x 510 x 1260	1038x520x1260	1238x520x1260	931x560x1250	1190x560x1250
Shipping Weight	13 kg	50 kg	55 kg	43 kg	53 kg

¹ Overall height may change accordingly to support adjustments

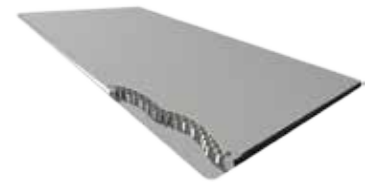
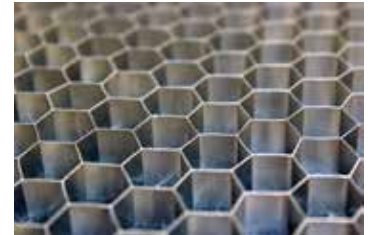
Honeycomb Aluminium Pallets “Alluplan”

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 up to 100 °C without undergoing deformation.

Thanks to the lightness of the Alluplan pallets, the rotary motion inertia of the machine is reduced, thus improving performance and increasing lifetime of the equipment.

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 ²
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, KORNIT, 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 and DTG

Pallets Made on Demand



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



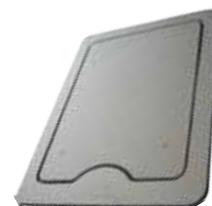
Made according to Customer requirements
in order to guarantee better adaptability of
the surfaces to the type of job required.



Large range of fittings for every brand of
printing machines, both screen and digital.



Printing pallets for digital printing machines, provided with garment locking frame



Manual Printing Machine Accessory:

The Printing pallet "CAPS" is specifically designed
to screen print on curved objects like caps or bags.
It can be micro adjusted on the base of the pallet
and the frame. A spring tensor tighten the product
to achieve the highest print quality.

Printing Area: 150x90mm



Main Application: Screen Printing



Serigrafia

Portable unit to spray glue for garments on printing pallets



Features

Compact unit to spray eco-glue in a uniform and precise pattern.

- High quality adjustable spray gun for air-glue mixture
- The liquid glue is stored inside an ermetic and sealed container
- Equipped with two pressure regulators with pressure gauges
- Easy-to-use container for washing and cleaning the system
- All connections are quick-joint
- The pump keeps the liquid under pressure to prevent clogging, minimizing maintenance and waste of material.

Advantages

The economic and environmental advantages are evident:

- The water-based glue is odorless, non-volatile and non-toxic.
- Compared to normal canister systems, everything becomes more neat, efficient and economically advantageous. In fact it is needed a single application of glue for different processes in sequence since the intermediate flash cure reactivates the glue several times having a water base.
- This station is easily movable from one workstation to another, requiring only the connection to the compressed air.
- The glue container is stored inside with all the equipment needed.
- The cleaning of the gun is reduced to the simple removal of the deposit on the nozzle and only in case of prolonged stops it's necessary to wash the system, using the special container provided.



Whasing container



Pressure regulators



Adjustable spray gun



All the equipment is stored inside



Main Application: Screen Printing

Ecological water-based glue, non-toxic and fireproof

Features

Water based glue suitable for all types of fabric (cotton, polyester, all synthetic fabrics in general).

The glue is supplied with 10% of water and can be further diluted up to 30% to glue light garments. The glue is supplied in an airtight ermetic container that guarantees excellent conservation and easy control of the daily consumption.



Advantages

- The Glue 2207 is ecological, odorless, non-toxic, fireproof, non-volatile, clean, it is quickly eliminated from the machine surfaces and does not require any aspirator.
- The disposal costs of the containers are minimal and the space for the storage of traditional spray cans is recovered.
- Thanks to its chemical characteristics, it guarantees economic savings compared to normal spray glues in aerosol cans since having a water base, it is reactivated several times by passing under the intermediate flash cure.



TECHNICAL DATA	PUNTO COLLA
Air Pressure (max)	6 (12) bar
Max Air Consumption	100 l/min
Dimensions [mm]	350 x 360 x H 700 (h1600 with rod)
Weight	15 kg
Consumables	COLLA 2207 Containers: 3 Liters Bag 5 Liters Tank

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 a reliable fold quality combined with 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 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 start button or foot pedal

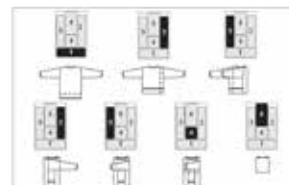
Adapt various blade size to garment requirements

Fold XS to XXL



Customize on demand folding programs

Automatic self diagnostic and production count



Detailed Specifications

TECHNICAL DATA	SPEEDY-T
Electrical Requirements	80-240V IP + N + PE
Air Specification	50 l/min - 6 bar
Air Connection	6 x 8 mm
Power Consumption	60W
Production with stacker	500 capi/h
Production with packaging	350 capi/h
Fold Size* (min/max)	150x180 / 350x400 mm
Footprint Dimension	1600 x 770 x h 860 mm
Shipping Weight	110 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	Operator & Machine
• 275 folds per hour	• 500 folds per hour
• \$15 an hour	• \$15 an hour
• \$0.55 spent per shirt	• \$0.03 spent per shirt
<ul style="list-style-type: none"> • 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**

THE PAST EXPERIENCE

Chiossi e Cavazzuti was founded in 1979 at Carpi (Modena).

At the beginning only three people were working in the company.

In 1988 the Company moved to Rio Saliceto (RE) in a 1700m² building, to satisfy a constant production growth.

The high demand of reliable machinery for the textile sector in the area, led the Company to become the most acclaimed manufacturer of textile drying equipment across all Italy.

After 40 years of activity the Company counts more that 25 employees and have built a wide net of suppliers and distributors.

THE PRESENT AND FUTURE CHALLENGES

In the last decade the Company greatly invested in technological machinery and qualified personnel while employees number steadily increases every year.

In 2007, the Company settled to a modern industrial building of 3000m² in Correggio, to fulfill the growing logistic and production requirements.

In 2016 the website www.chiossiecavazzuti.com, which counts hundreds of new visitors daily, has been completely redesigned and optimized.

In 2020 the warehouse and production facility has been renewed and updated to bring forward the latest industrial innovations.

Today, the Company maintains close contact with those whose activities revolve around Chiossi e Cavazzuti's machines and handles the after-sales service directly.

Chiossi e Cavazzuti is a renowned brand, synonym of Reliability in the national and international market, with over 7,000 satisfied customers, 20 Italian and 40 international distributors.

Date of foundation: 1979



Relocation in 1988



Moved to current Factory in 2007



WHERE WE ARE

Chiossi e Cavazzuti Dealer Location



INDUSTRIAL QUALITY

Manufactured by Experts of the Sector



PRODUCTION IN ITALY

Our Company is located in the heart of the Emilia region, the Italian “Motor Valley”.

This strategic location has led to a strong net of partnerships and constant contact with our Suppliers and Collaborators.

We design, build and test every machine in our Factory. Quality checks of each component and manufacturing process are the core of the Production Policy.

Clean solar energy and air filtration systems have been implemented to respect the environment and follow our idea of sustainability.

PRODUCTION POLICY

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.

Every machine is handcrafted with experience, skills and passion by our specialized staff, the majority of which has a decades-long experience in our Company.

Meticulous controls and test are performed prior international or national shipments.





Chiossi 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
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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.



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