Main Application: Digital Printing

code: 1390047

ACE 600

Max Temperature: 200°C

Drying Area: 2000x600 mm

Production: Water-based Digital Ink – A4 print size on T-shirt – Data may change according to fabric material, drying area size and ink curing requirements.

3 minutes curing time:	100 pieces/h
4 minutes curing time:	70 pieces/h
5 minutes curing time:	60 pieces/h
6 minutes curing time:	50 pieces/h

FEATURES

The Tetris gamma is a new generation of dryers, built and designed with almost 40 years of experience for long lasting and high quality machines, proudly produced in Italy.

The latest Lcd control panel has an easy and interactive interface design: time and temperature control are both processed digitally for precise and fast adjustments; the automatic cooling off and shutdown can be set to suit different working necessities; dryer internal technical parameters are also displayed.

The entire machine is protected with circuit breakers and thermostats to prevent electrical and heating failures: the digital control panel has also a detailed alarm history chart to improve the safety and the maintenance for extended working periods.

forced hot air ventilation

temperature control up to 200°C

structure heavily insulated

power consumption minimized

TECHNICAL DATA	VALUES
Electrical Requirements	400V 3P + PE 16 A
Exhaust Specification	130 m³/h Ø 80 mm
Max Temp	200°C
Power Consumption	9,5 kw
Belt Width	600 mm
Heating Chamber Lenght	2000 mm
Production	100 pieces/h
Dimension*	3800 x 910 x 1800 mm
Shipping Weight	440 kg
*Overall dimension may change according to inlet and outlet extensions	

Main Application: Digital Printing
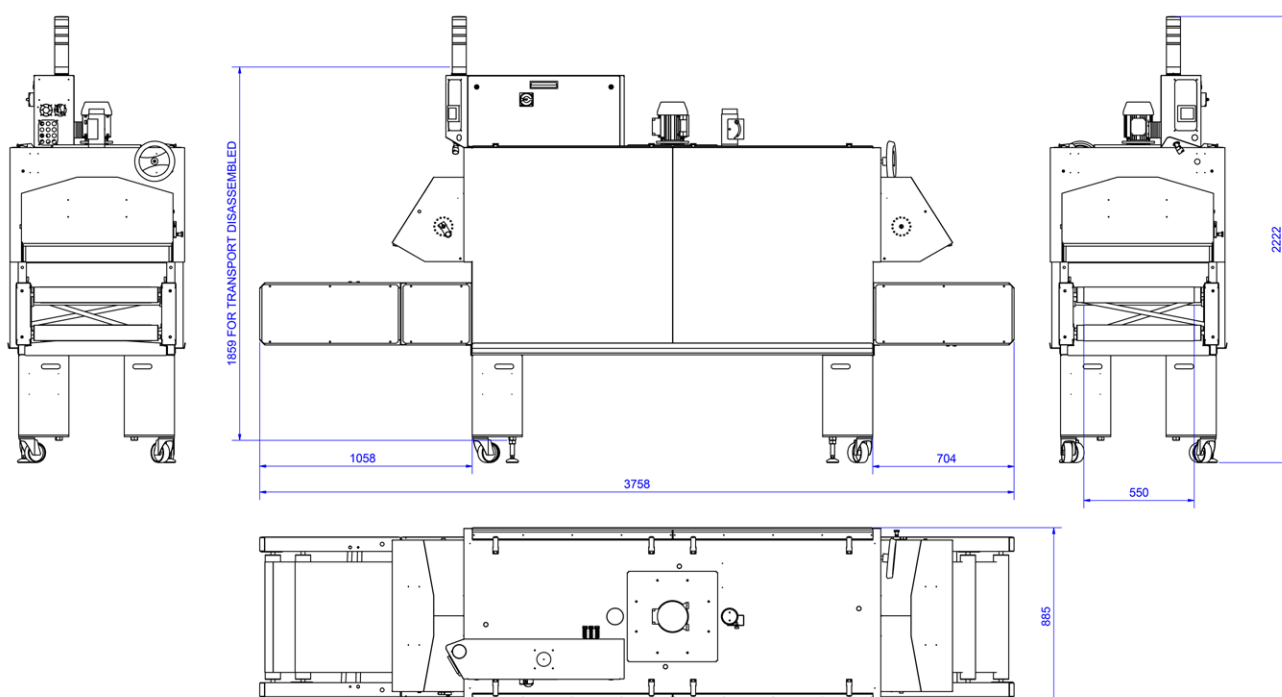
code: 1390047

FEATURES AND ADVANTAGES

• **Specifically designed to cure and dry digital printing on fabrics**, the massive advantage of these dryers 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 a precise thermostat and by a long lasting static relay control system; 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 enanched airflow convection system is designed on purpose and employs high yeld 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.

• **Heavily insulated mineral-wool fiber structure** results in a cooler workplace and cool to the touch external skin. Remarkably it reduces both power consumption and heat dissipation.

• **The returning belt conveyor** allows the operator to work without having to change his position; the belt conveyor below works at lower temperatures of about 10-15°C: this improves curing quality and at the same time allows the operator to touch the printed garment without burning risk.

• **The Optional Cooling Hood** at the outfeed of the Dryer is an effective cooling system to protect both the operator and delicate products from high temperatures, after the drying process has ended.

SINGLE BELT CONVEYOR

DOUBLE BELT CONVEYOR
SIDE BY SIDE

Main Application: Digital Printing

code: 1390045

ACE 950

Max Temperature: 200°C

Drying Area: 2000x950 mm

Production: Water-based Digital Ink – A4 print size on T-shirt – Data may change according to fabric material, drying area size and ink curing requirements.

3 minutes curing time:	180 pieces/h
4 minutes curing time:	140 pieces/h
5 minutes curing time:	110 pieces/h
6 minutes curing time:	90 pieces/h

The Tetris gamma is a new generation of dryers, built and designed with almost 40 years of experience for long lasting and high quality machines, proudly produced in Italy.

The latest Lcd control panel has an easy and interactive interface design: time and temperature control are both processed digitally for precise and fast adjustments; the automatic cooling off and shutdown can be set to suit different working necessities; dryer internal technical parameters are also displayed.

The entire machine is protected with circuit breakers and thermostats to prevent electrical and heating failures: the digital control panel has also a detailed alarm history chart to improve the safety and the maintenance for extended working periods.

forced hot air ventilation

temperature control up to 200°C

structure heavily insulated

power consumption minimized

TECHNICAL DATA	VALUES
Electrical Requirements	400V 3P + PE 20 A
Exhaust Specification	180 m³/h Ø 150 mm
Max Temperature	200°C
Power Consumption	14 kw
Belt Width	950 mm
Heating Chamber Lenght	2000 mm
Production	180 pieces/h
Dimension*	3800 x 1200 x 2250 mm
Shipping Weight	650 kg
*Overall dimension may change according to inlet and outlet extensions	

Main Application: Digital Printing
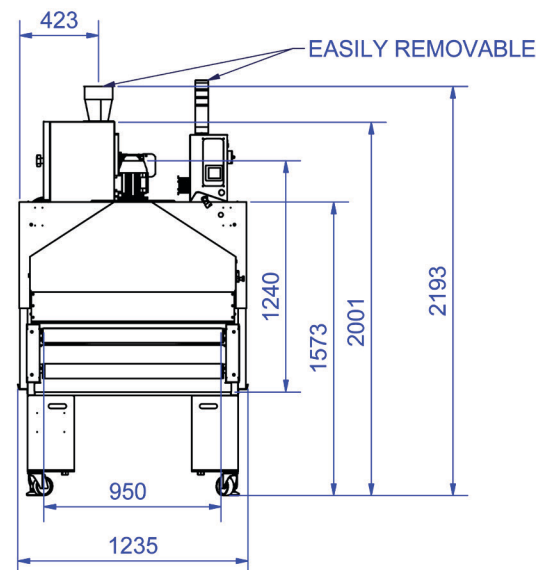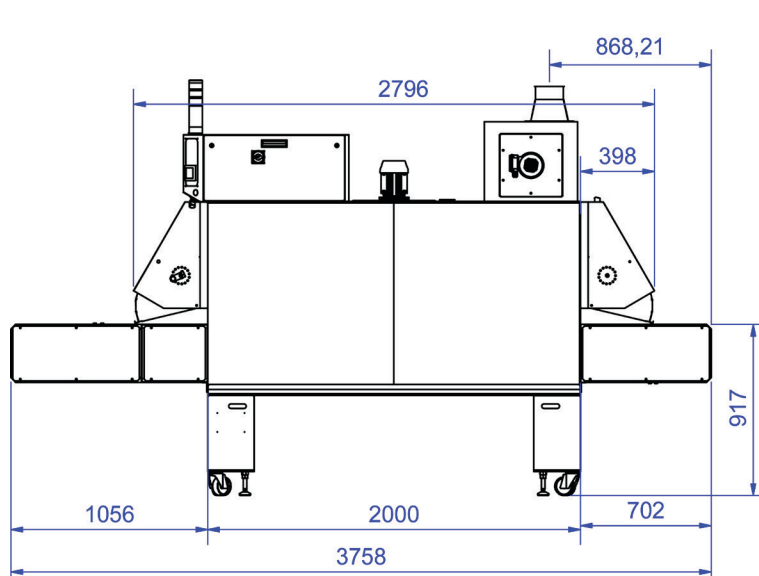
code: 1390045

FEATURES AND ADVANTAGES

• **Specifically designed to cure and dry digital printing on fabrics**, the massive advantage of these dryers 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 a precise thermostat and by a long lasting static relay control system; 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 enanched airflow convection system is designed on purpose and employs high yeld 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.

• **Heavily insulated mineral-wool fiber structure** results in a cooler workplace and cool to the touch external skin. Remarkably it reduces both power consumption and heat dissipation.

• **The returning belt conveyor** allows the operator to work without having to change his position; the belt conveyor below works at lower temperatures of about 10-15°C: this improves curing quality and at the same time allows the operator to touch the printed garment without burning risk.

• **The Optional Cooling Hood** at the outfeed of the Dryer is an effective cooling system to protect both the operator and delicate products from high temperatures, after the drying process has ended.

SINGLE BELT CONVEYOR

DOUBLE BELT CONVEYOR
SIDE BY SIDE

Hot Air

DiDo PRO
6 Drawers

DiDo Shop
3 Drawers

three-phase 400V
(230V optional)

colored touchscreen with
interactive interface

single phase 230V

New 2019

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

Dido Pro PLC Interface

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

Dido Shop with T-shirt

Dido Shop PLC Interface

TECHNICAL DATA	DIDO PRO	DIDO Shop
Electrical Requirements	400V 3P+N+PE 16 A (230 3P+PE 22,5A optional)	230V 1P+N+PE 16 A
Exhaust Specification	40 m³/h Ø 80 mm	40 m³/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[1] (light-dark)	90-60 pieces/h	45-30 pieces/h
Dimension (LxWxH) [mm]	1184x833x1667	1184x833x1202
Shipping Weight	300 kg	210 kg

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

Main Application: Digital Printing   code: 1350009

Features

The DiDO dryer has been designed to dry water-based, digitally printed inks. 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 thanks to its reduced dimensions and low consumption. Its overall size allows to pass through small doors and its limited power requirements also permit its use in small laboratories and shop without three phases electrical supply.
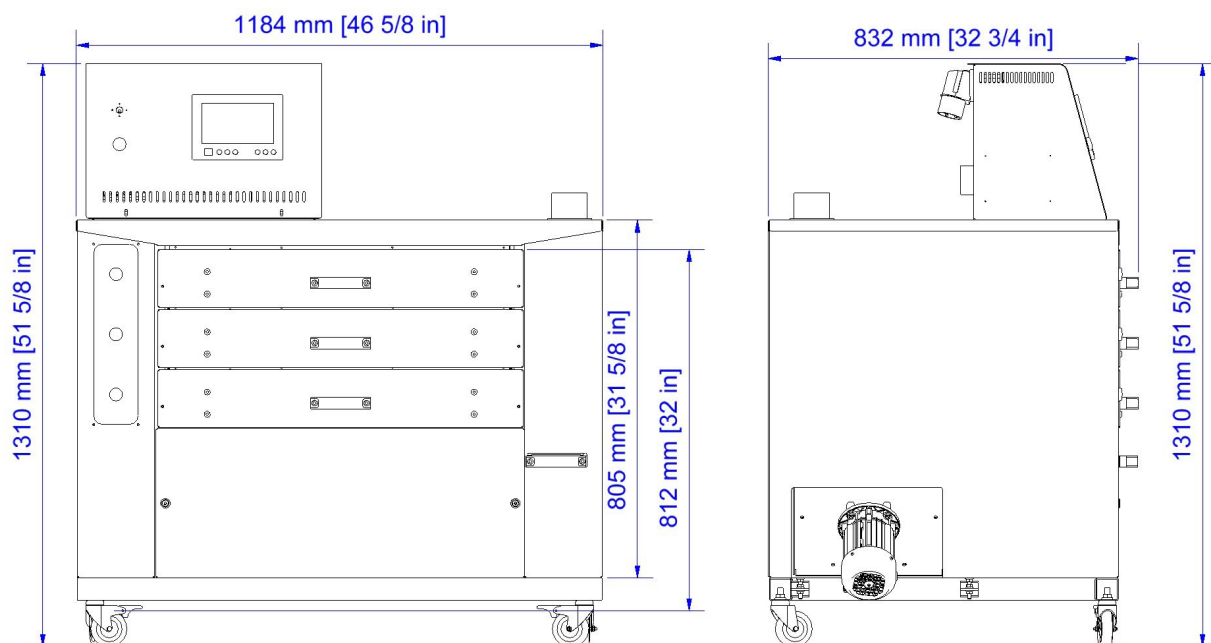
Hourly production is approximately 30 garments with a permanence of 5-6 minutes per drawer. Suitable for any type of digital machines, its maximum working temperature is 180°C. The air is warmed by electrical heating elements and blown in a vertical convection current in order to be uniform everywhere. 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 eq xuipped with its own timer, indicator light and sound alarm.

DiDO Shop dryer introduces a coloured 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, or the temperature and time displayed in a new intuitive way.

TECHNICAL DATA	VALUES
Electrical Requirements	230V 1P + N + PE 16 A
Exhaust Specification	40 m³/h Ø 80 mm
Max Temperature	160°C
Power Consumption	3,7 kw
Drawer Size	700x680x70 mm
Max Temperature	180°C
Production	30 pieces/h
Footprint Dimension	1184x832x1202 mm
Shipping Weight	210 kg

Main Application: Digital Printing

code: 1390009

1184 mm [46 5/8 in]

832 mm [32 3/4 in]

1310 mm [51 5/8 in]

805 mm [31 5/8 in]

812 mm [32 in]

1310 mm [51 5/8 in]

Main Application: Digital Printing

code: 1390034

The Tetris gamma is a new generation of dryers, built and designed with almost 40 years of experience for long lasting and high quality machines, proudly produced in Italy.

• **NEW PLC 2017** The latest Lcd control panel has an easy and interactive interface design: time and temperature control are both processed digitally for precise and fast adjustments; the automatic cooling off and shutdown can be set to suit different working necessities; dryer internal technical parameters are also displayed.

The entire machine is protected with circuit breakers and thermostats to prevent electrical and heating failures: the digital control panel has also a detailed alarm history chart to improve the safety and the maintenance for extended working periods.

—

DUAL 1200 PRODUCTION DATA: Water-based Digital Ink – A4 print size on T-shirt
Data may change according to fabric material, drying area size and ink curing requirements.
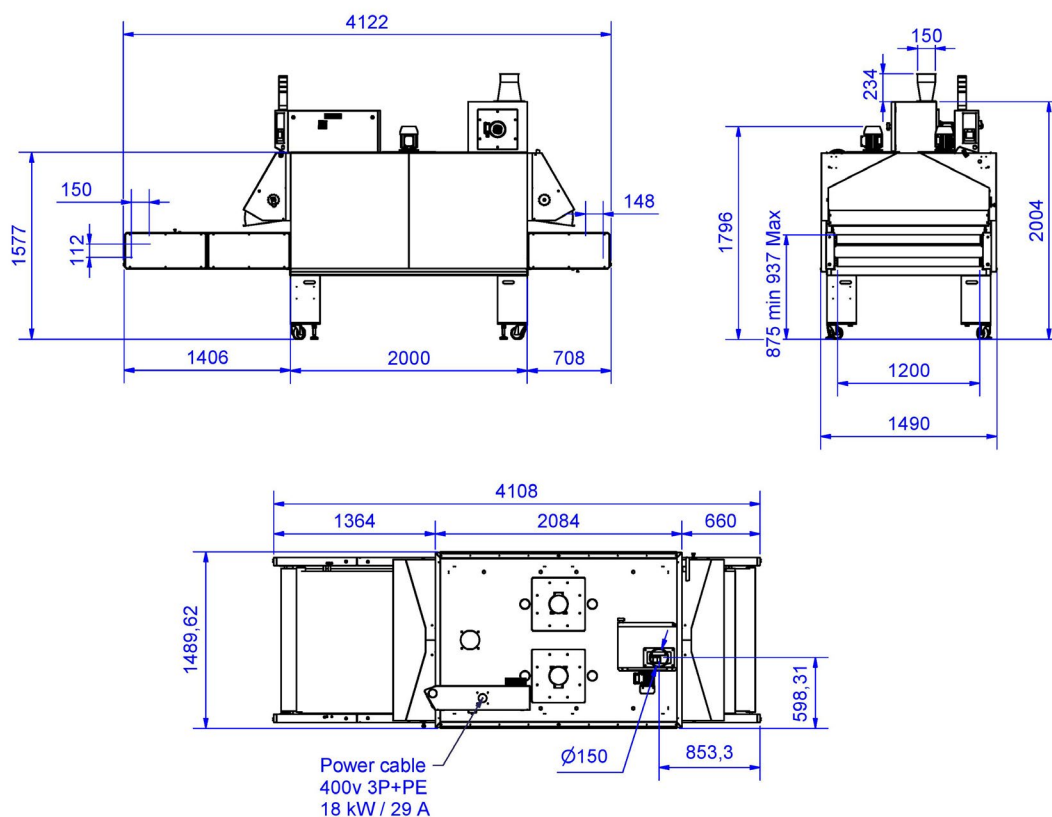Curing Area: 4000×1900 mm

3 minutes curing time:	270 pieces/h
4 minutes curing time:	200 pieces/h
5 minutes curing time:	160 pieces/h
6 minutes curing time:	140 pieces/h

–

The Dryer DUAL 1200 is the perfect match with a KORNIT AVALANCHE 1000, which has the fastest output up to 220 light and 160 dark garments per hour.

TECHNICAL DATA	VALUES
Electrical Requirements	400V 3P + PE 29 A
Exhaust Specification	180 m³/h Ø 150 mm
Power Consumption	19 kw
Belt Width	1200 mm
Heating Chamber Lenght	2000 mm
Production	270 pieces/h
Footprint Dimension	4100 x 1500 x 2250 mm
Shipping Weight	840 kg

Main Application: Digital Printing

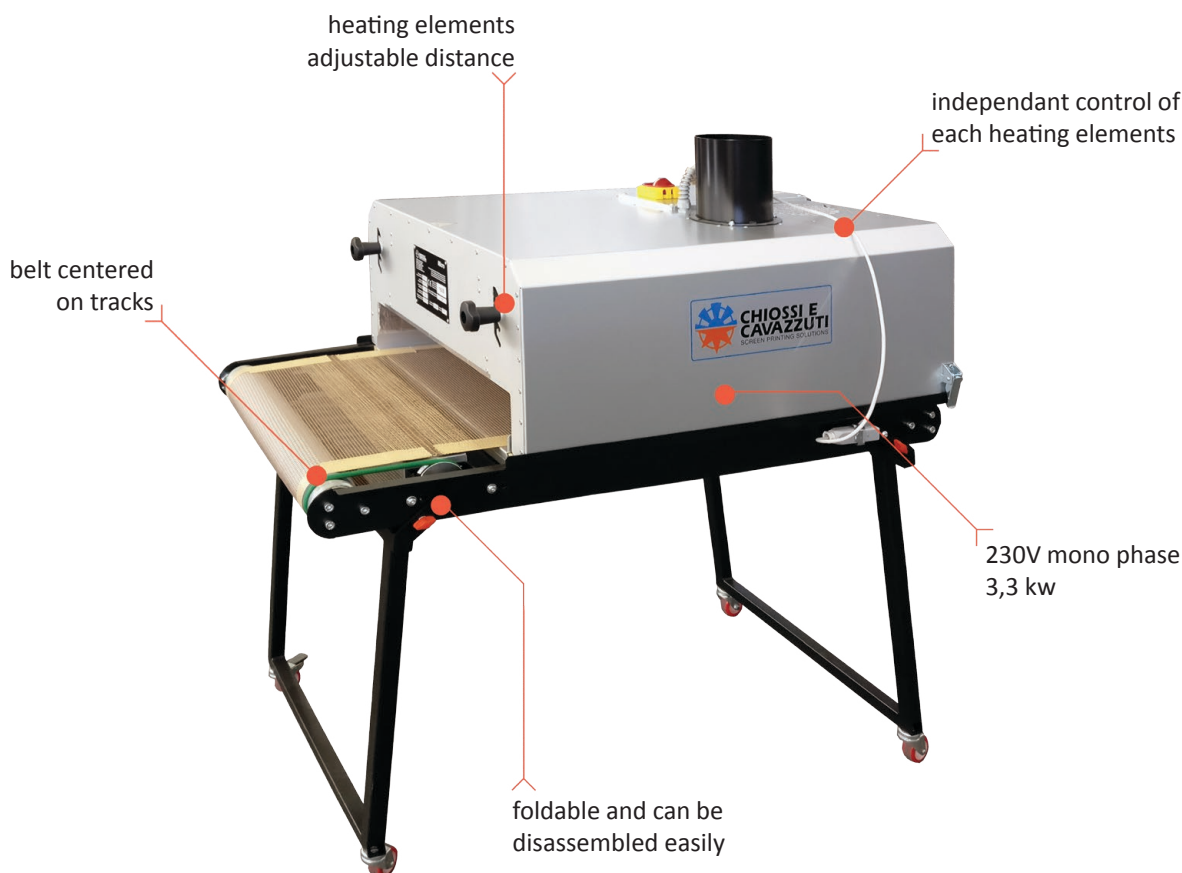code: 1390034

Power cable
400v 3P+PE
18 kW / 29 A

Ø150

• Specifically designed to cure and dry digital printing on fabrics, the massive advantage of these dryers 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 a precise thermostat and by a long lasting static relay control system; 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 enanched airflow convection system is designed on purpose and employs high yeld 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.

• Heavily insulated mineral-wool fiber structure results in a cooler workplace and cool to the touch external skin. Remarkably it reduces both power consumption and heat dissipation.

• The returning belt conveyor allows the operator to work without having to change his position; the belt conveyor below works at lower temperatures of about 10-15°C: this improves curing quality and at the same time allows the operator to touch the printed garment without burning risk.

• The double belt conveyor configuration allows to operate simultaneously with two independent curing time. Each belt has its own speed control to be adjusted in relation to the ink or garment need.

• The Optional Cooling Hood at the outfeed of the Dryer is an effective cooling system to protect both the operator and delicate products from high temperatures, after the drying process has ended.

Main Application: Screen Printing

code: 1350007

Compact Dryer with Ceramic Heating Elements

heating elements
adjustable distance

independant control of
each heating elements

belt centered
on tracks

230V mono phase
3,3 kw

foldable and can be
disassembled easily

Features

"Micro" is the most compact dryer of our range of products and it is been designed to cure and polymerize printed fabric with

Plastisol. It is higly suitable for laboratories and small factories thanks to its limited dimensions and low consumption.

Powered by 230V monophase current, it can operate in any building with a standard domestic eletrical supply.

• Equipped with 4 heating element with indpendant control.

• Reduce heavily the overall footprint size if compared with forced hot air solutions.

• Infrared heating is very efficient and can reduce power consumption.

• The dryer heats up at working temperature in few minutes.

• The belt and its support can be folded and disassembled easily and ca be carried on a car.

• Adjusting the belt speed and the distance of heating elements, it is posssible to find the perfect curing conditions.

Main Application: Screen Printing

code: 1350007

ADVANTAGES

- compact footprint and low consumption

- heating elements with independant control

- easily disassembled and with low maintenance

- very fast start up and heating up

- conveyor belt centerd on track with no adjustments needed

- adjustable conveyor belt working height, from 90 to 160 mm
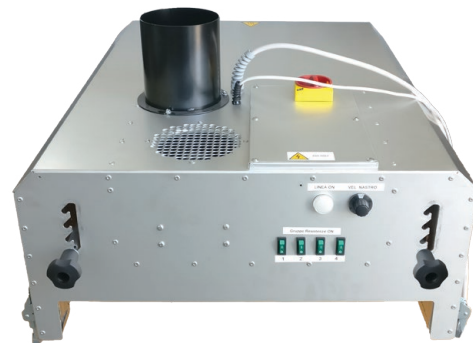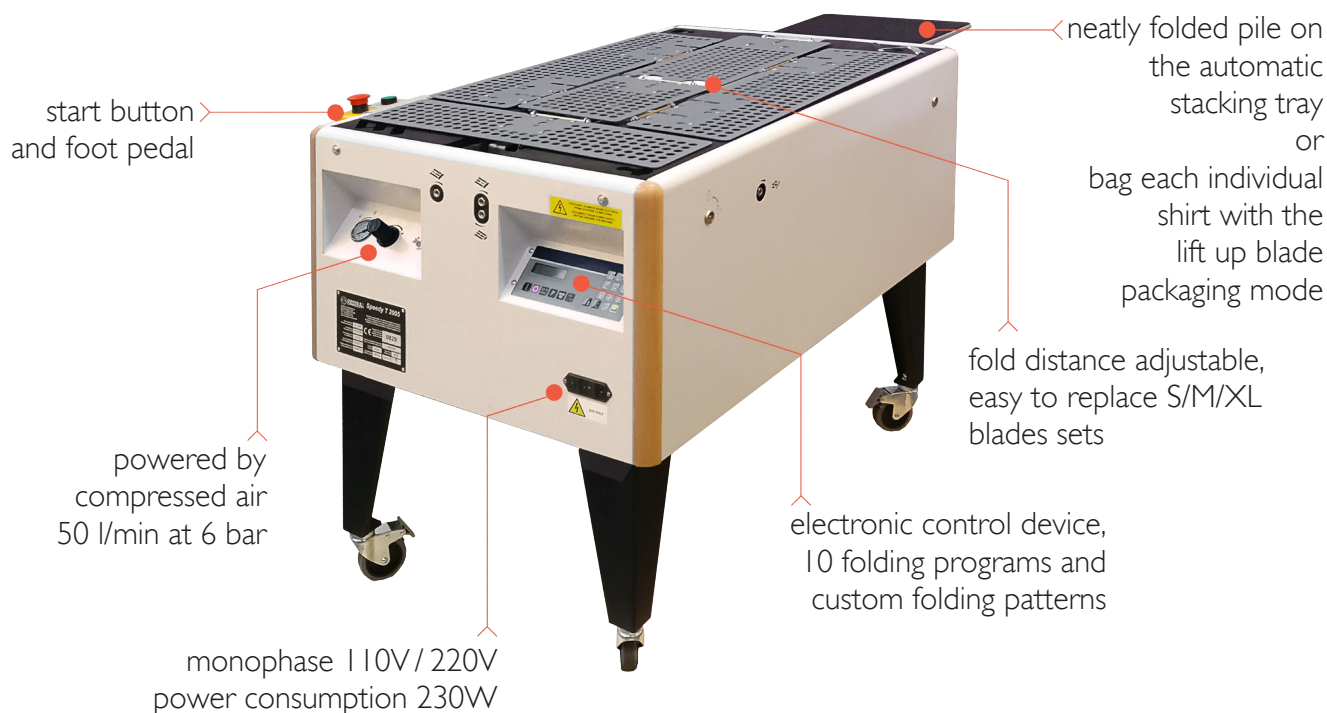

Ceramic heating elements

dissambled and foldable support

TECHNICAL DATA	MICRO
Electrical Requirements	230V 1P+N+PE 14 A
Exhaust Fumes Requirements	Ø 150 mm
Max Temperature	200°C
Max Power Consumption	3,3 kw
Belt Width [mm]	550
Tunnel Length [mm]	880
Production*	80 pieces/h
Footprint (LxWxH)[mm]	1250 x 690 x 1340
Weight	65 kg
* Production on T-shirt - Printed Area: A4 - Curing Time: 1,5 minutes	

Semi-automatic Folding and Packaging Machine
up to 500 folded or 350 bagged t-shirts per hour

start button
and foot pedal

neatly folded pile on
the automatic
stacking tray
or
bag each individual
shirt with the
lift up blade
packaging mode

fold distance adjustable,
easy to replace S/M/XL
blades sets

powered by
compressed air
50 l/min at 6 bar

electronic control device,
10 folding programs and
custom folding patterns

monophase 110V / 220V
power consumption 230W

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, wich 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, wich 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

Speedy-T

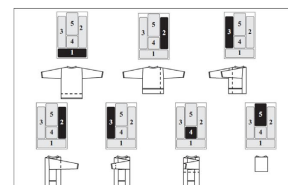## Advantages

Stacker Mode
with automatic photocell

Packaging Mode
with ergonomic lifting blade

Quick and easy to operate
with foot pedal and start button

3 sets of adjustable blades to
fold XS to XXL garments,
long-sleeved or hoodies

10 standard folding programs
and customize on demand
folding patterns

Automatic self-diagnostic
and production counter

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) [in]	6x8 / 13x16
Footprint Dimension [in]	59 x 28 x h32
Shipping Weight	200 pounds

*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
- Monthy 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**