

thermotron

TEXTILE MACHINERY

SLP1000 / PV40 / NL50 / KL55 / FX23





thermotron
TEXTILE MACHINERY

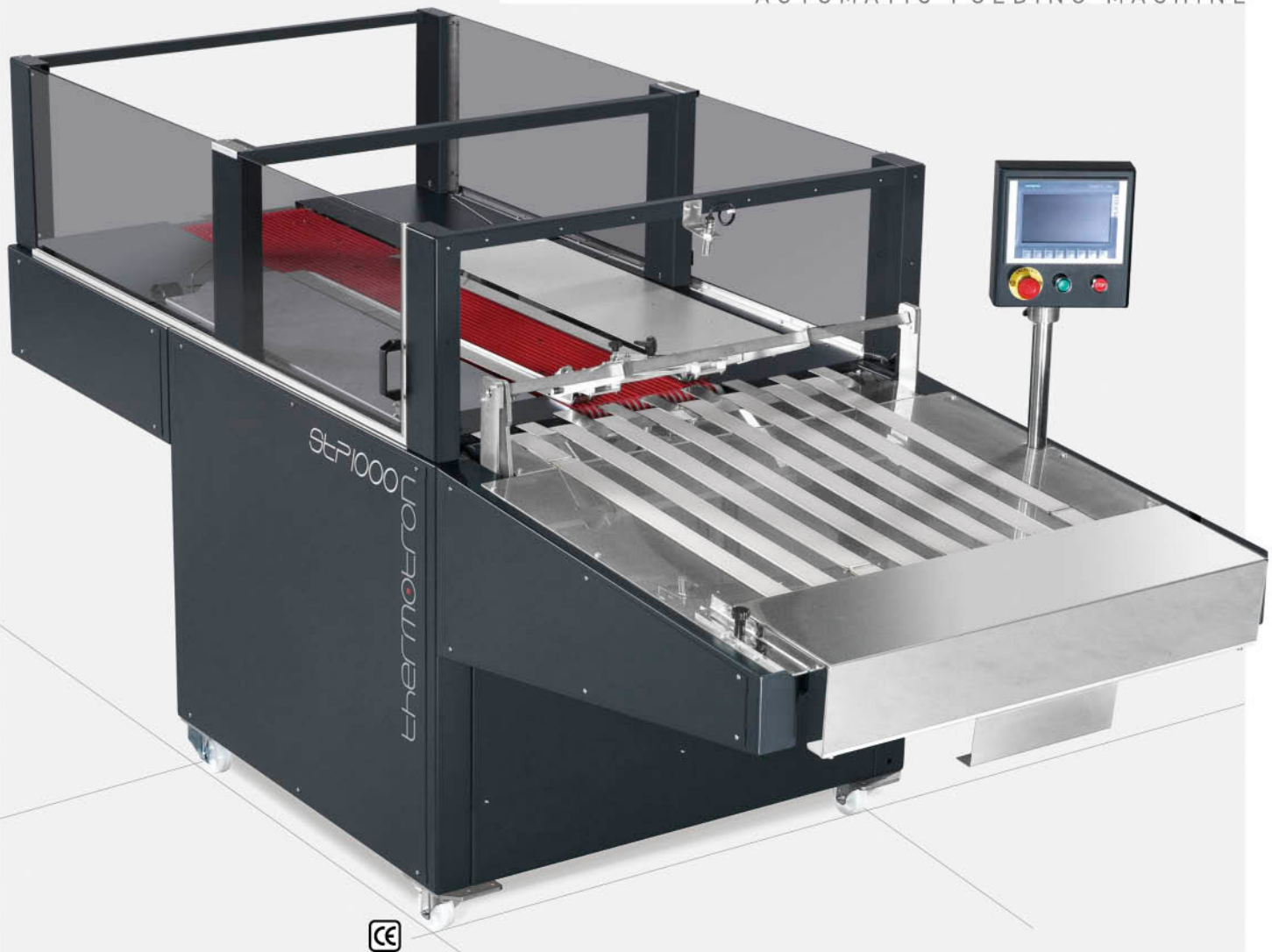
Thermotron SA was founded in Thessaloniki in 1977, its main business activity being the manufacturing of machines for the textile sector.

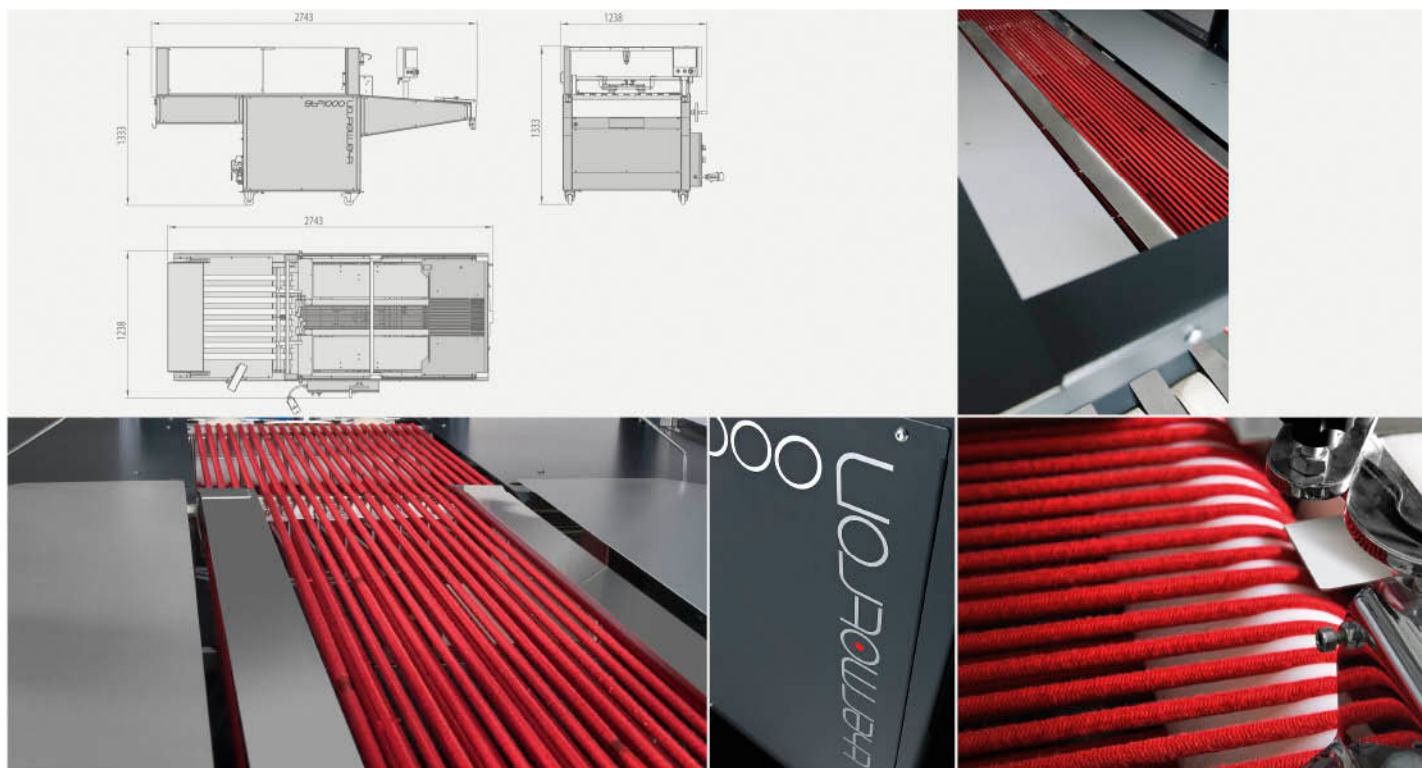
The innovative characteristics and the quality of manufacturing of the machines have established the company in the domestic as well as in the international market. Its products are exported in over 30 countries and the aim is constant growth, always prioritising quality, competitive prices and excellent service.

Thermotron machines significantly help increase the production capacity of the company's customers, while also contributing to the high quality of packaging and delivery of their products, mainly in the ready-to-wear clothing sector.

thermotron *STP1000*

AUTOMATIC FOLDING MACHINE





The automatic folding machine **STP1000*** folds ready-made garments quickly, quietly and precisely.

It requires just one operator and it is designed to ideally fold T-shirts.

It can be easily adjusted in order to fold various types and sizes of garments in different ways.

The automatic folding machine **STP1000** has a folding capacity of 5.500 garments per 8 hours (the measurement was carried out at our site) and folding is achieved via 5 basic programs.

The machine's output capacity depends largely on the operator's swiftness, the machine's program selection and the type of garment.

DIMENSIONS L-W-H: 286x125x140cm	AIR PRESSURE: 6bar
NET WEIGHT: 335kg	AVG. AIR CONSUMPTION: 51L/min
POWER SUPPLY: 400V AC 50-60Hz	MAXIMUM OUTPUT: 5.500 foldings/8h
POWER CAPACITY: 1.44Kw	OPERATOR: 1 person
MAXIMUM CLOTH DIMENSIONS (L / W): 100cm / 80cm (Trousers L=120cm)	
WIDTH OF FINAL FOLDING: min 16cm & max 30cm	



* STP1000 is combined with PV40 and NT50

thermotron PV40

AUTOMATIC BAGGING MACHINE



NEW
improved model



PV40* is the new automatic bagging machine for garments and constitutes an evolution of its predecessor **PV38**, with targeted improvements and with a detachable transport belt according to the customer's needs. The output capacity of **PV40** depends on the output speed of **STP1000** or on how fast the operator places the garments in the machine when the machine functions independently.

The new automatic **PV40** bags garments that come already folded from the automatic folding machine **STP1000** in polyethylene (PE) bags in the form of an envelope.

If more than one garments needs to be placed in a bag, **PV40** needs to be used independently and the operator must place the garment in the machine manually.

DIMENSIONS L-W-H:	178x67x129cm	POWER CAPACITY:	0.35Kw
NET WEIGHT:	130kg	AIR PRESSURE:	6bar
POWER SUPPLY:	400V AC 50-60Hz	AIR CONSUMPTION:	70L/min
	MAX. CLOTH THICKNESS: 6cm		
	BAG CAPACITY: 80-100pcs		
	OPERATOR: 1 person		



* PV40 is combined with STP1000 and KL55

thermotron **KL55**
AUTOMATIC SEALING MACHINE





KL55* is an automatic sealing machine that closes the bags that contain garments coming folded and packaged from the automatic folding machine **STP1000** and the bagging machine **PV40** with adhesive tape.

The machine gives the operator the option to close the bag either with one adhesive tape in its center or with two tapes at its two ends.

KL55 is placed behind **PV40**, receives the packaged garments and seals the bags with adhesive tape.

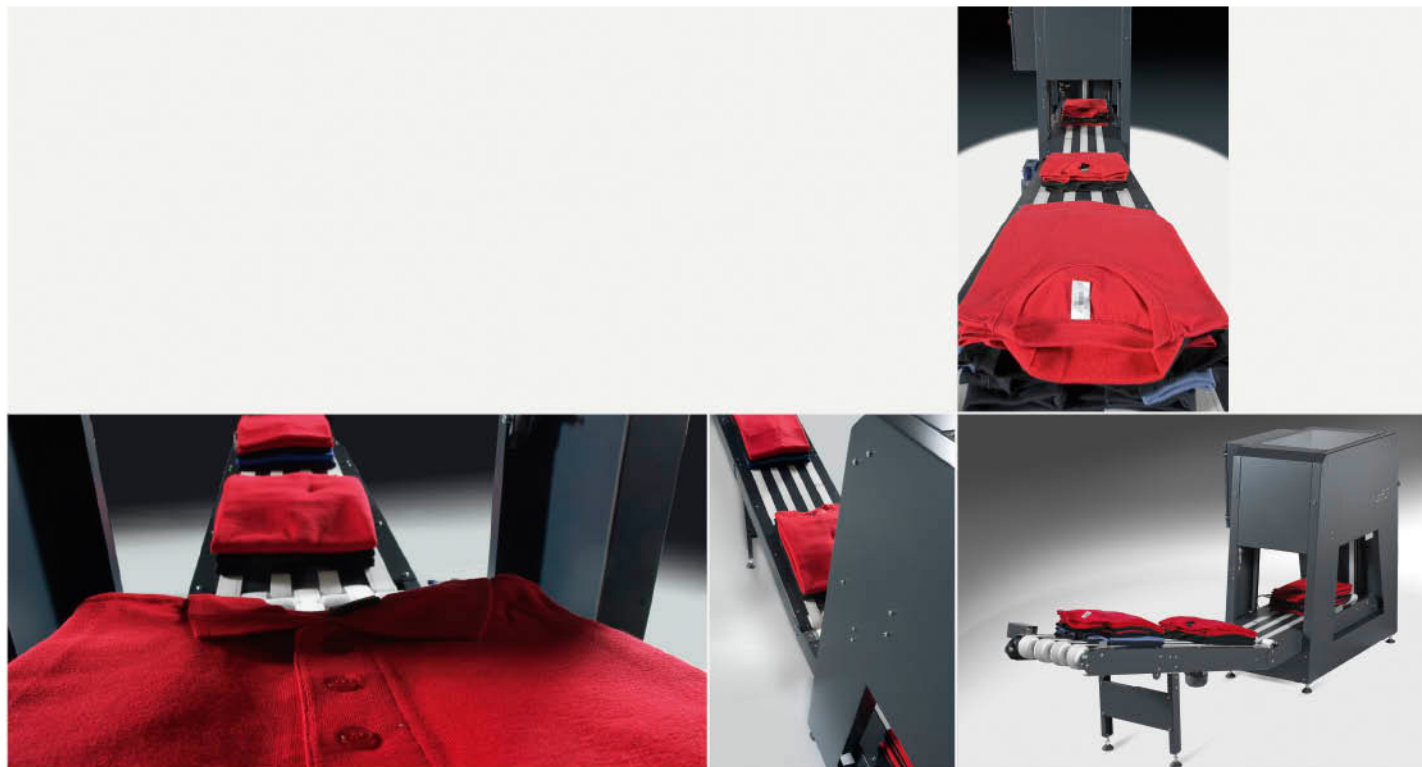
DIMENSIONS L-W-H:	208x79x135cm	POWER CAPACITY:	0.38Kw
NET WEIGHT:	175kg	AIR PRESSURE:	6bar
POWER SUPPLY:	400V AC 50-60Hz	AVG. AIR CONSUMPTION:	30L/min



* KL55 is combined with PV40

thermotron **NE50**
AUTOMATIC STACKING MACHINE





NT50* is an automatic stacking machine, which can stack the already folded garments as they come from the **STP1000** automatic folding machine.

The maximum height of the stack can be **35cm**.

DIMENSIONS L-W-H: 254x68x115cm	POWER CAPACITY: 0.35Kw
NET WEIGHT: 125kg	AIR PRESSURE: 6bar
POWER SUPPLY: 400V AC 50-60Hz	AVG. AIR CONSUMPTION: 34L/min



* NT50 is combined with STP1000

thermotron **FX23**

AUTOMATIC FOLDING MACHINE



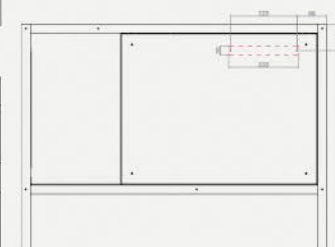
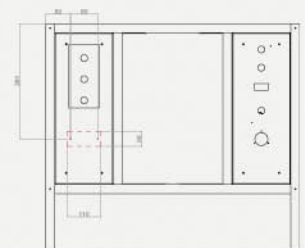


The automatic folding machine **FX23** folds garments quickly, quietly and precisely. It functions independently and requires 1 operator. It is designed to fold T-shirts, sweatshirts, sweaters, undershirts, etc. It can be very easily adjusted for the various sizes and types of garments so that the best desired folding is achieved.

FX23, apart from the automatic folding, offers another two important options after the garment has been folded.

The first option is a program for stacking and easy gathering of the folded garments.

The second option is a program for easy packaging of the garment in a bag.



DIMENSIONS L-W-H:	104x84x84cm	DIMENSIONS OF FOLDED GARMENT	
NET WEIGHT:	94kg	WIDTH: min 18cm, max 28cm LENGTH: max 35cm	
POWER SUPPLY:	100-240V AC 50-60Hz	MAXIMUM OUTPUT	
POWER CAPACITY:	0.24Kw	FOLDING & PACKAGING: 2.500 pcs/8h FOLDING & STACKING: 3.500 pcs/8h	
AIR PRESSURE:	6bar		
AVG. AIR CONSUMPTION:	25L/min		
OPERATOR:	1 person		

The machines operate as independent units or as a complete station or in combinations.
The structure of the complete machine station composed of the three independent units

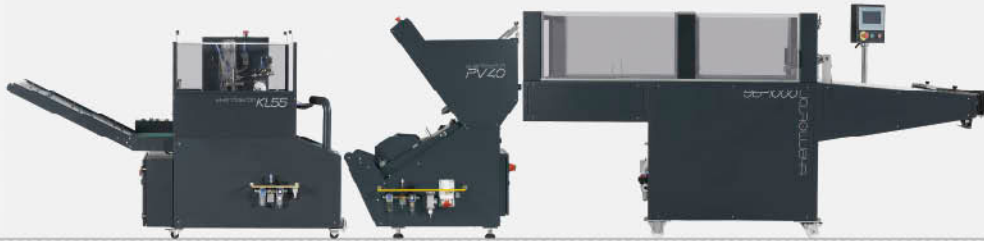
STP1000 - PV40 - KL55

aims to offer the most cost-effective purchase choice according to the customer's needs.



THE COMPLETE STATION CONSISTS OF:

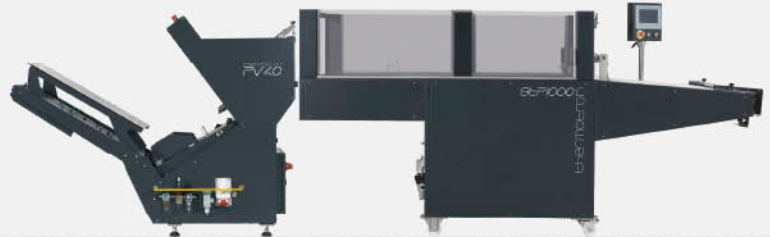
STP1000 automatic folding machine | PV40 automatic bagging machine | KL55 automatic sealing machine



OTHER POSSIBLE COMBINATIONS



STP1000



PV40 + STP1000



KL55 + PV40

NT50 + STP1000

*NT50 automatic stacking machine, operates **only** in combination with STP1000.



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