



thermotron
TEXTILE MACHINERY



SLP1000 / PV40 / KL60 / BC41 / NL50 / FX25s / FX25



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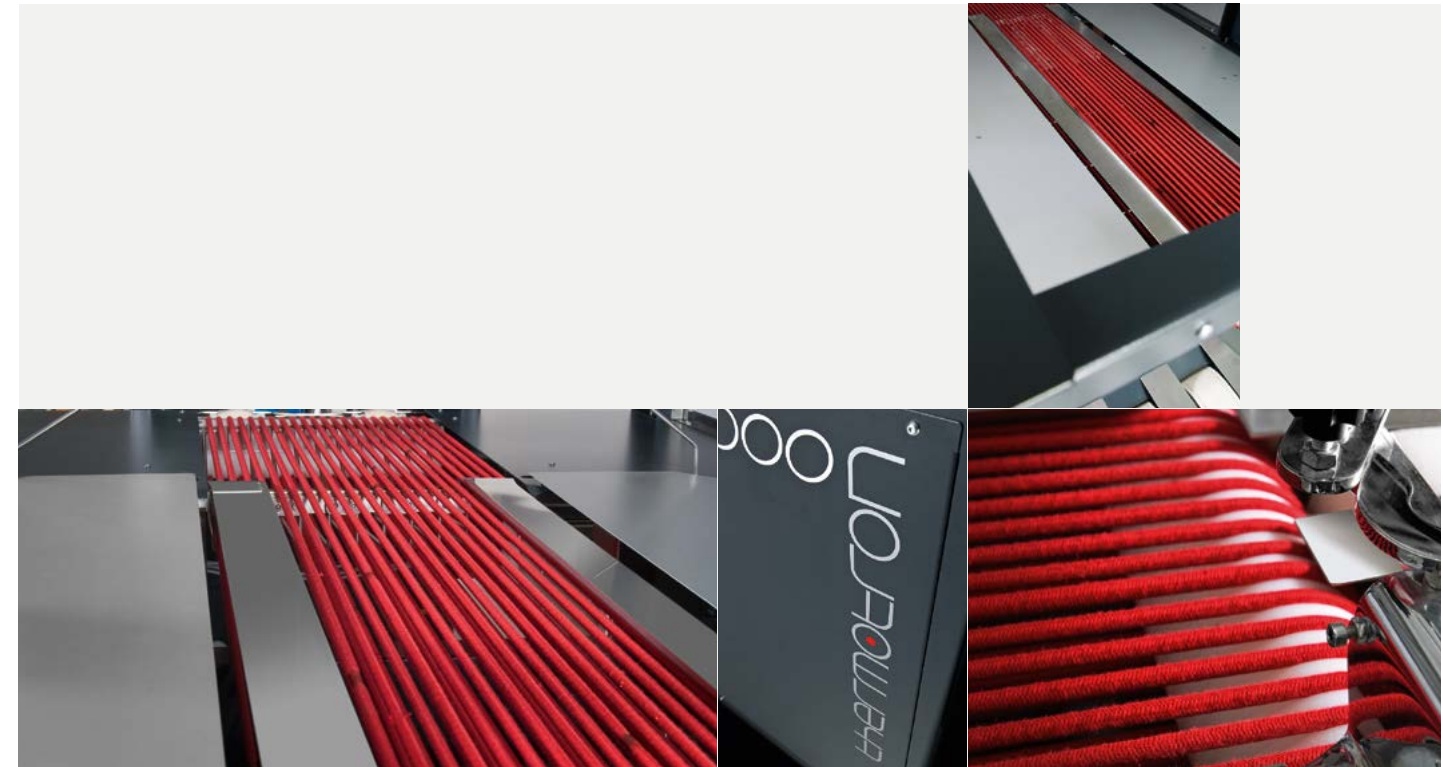
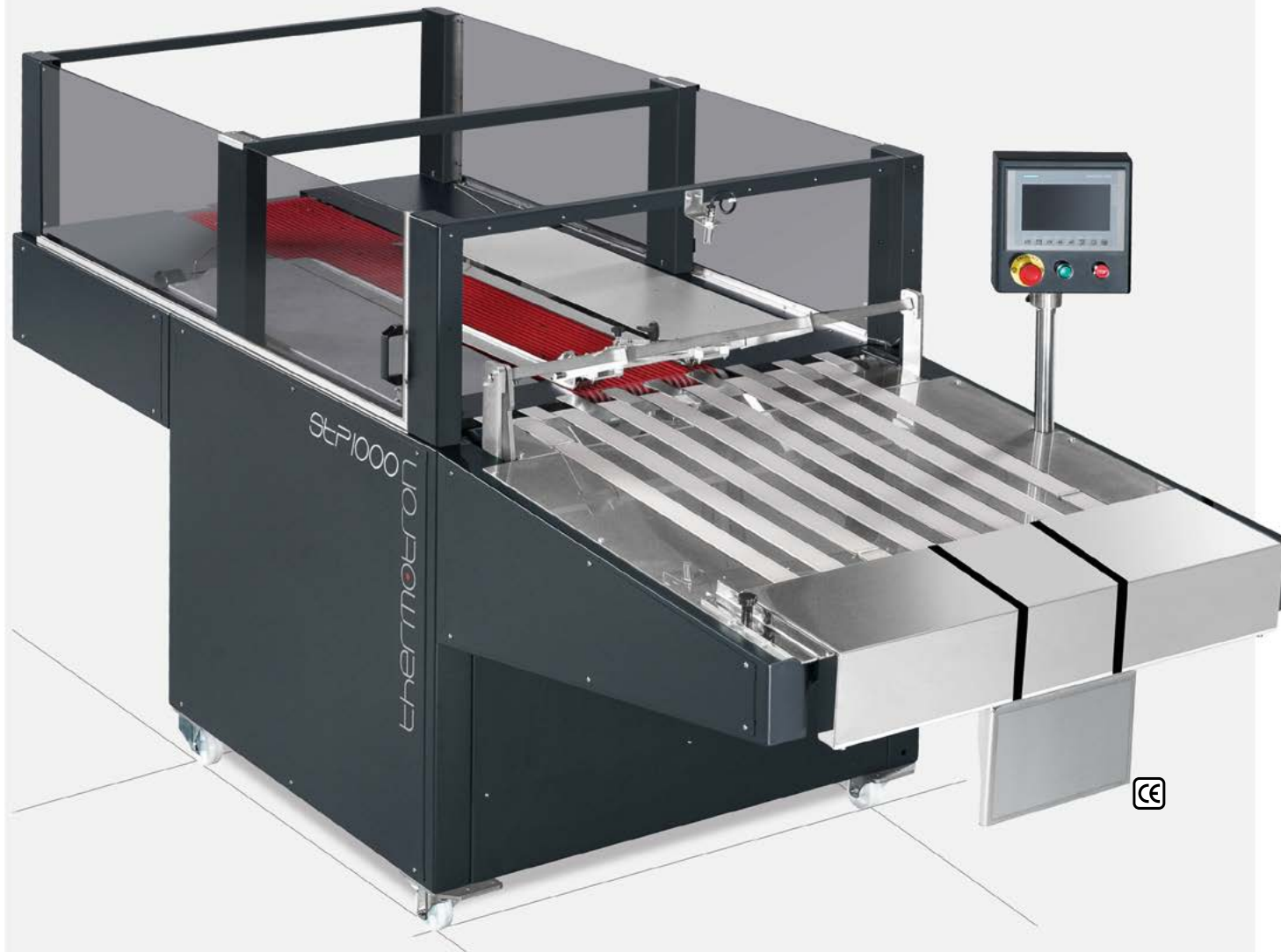
Thermotron SA was founded in Thessaloniki in 1977, its main business activity being the manufacturing of machines for the textile sector.

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 eight 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.

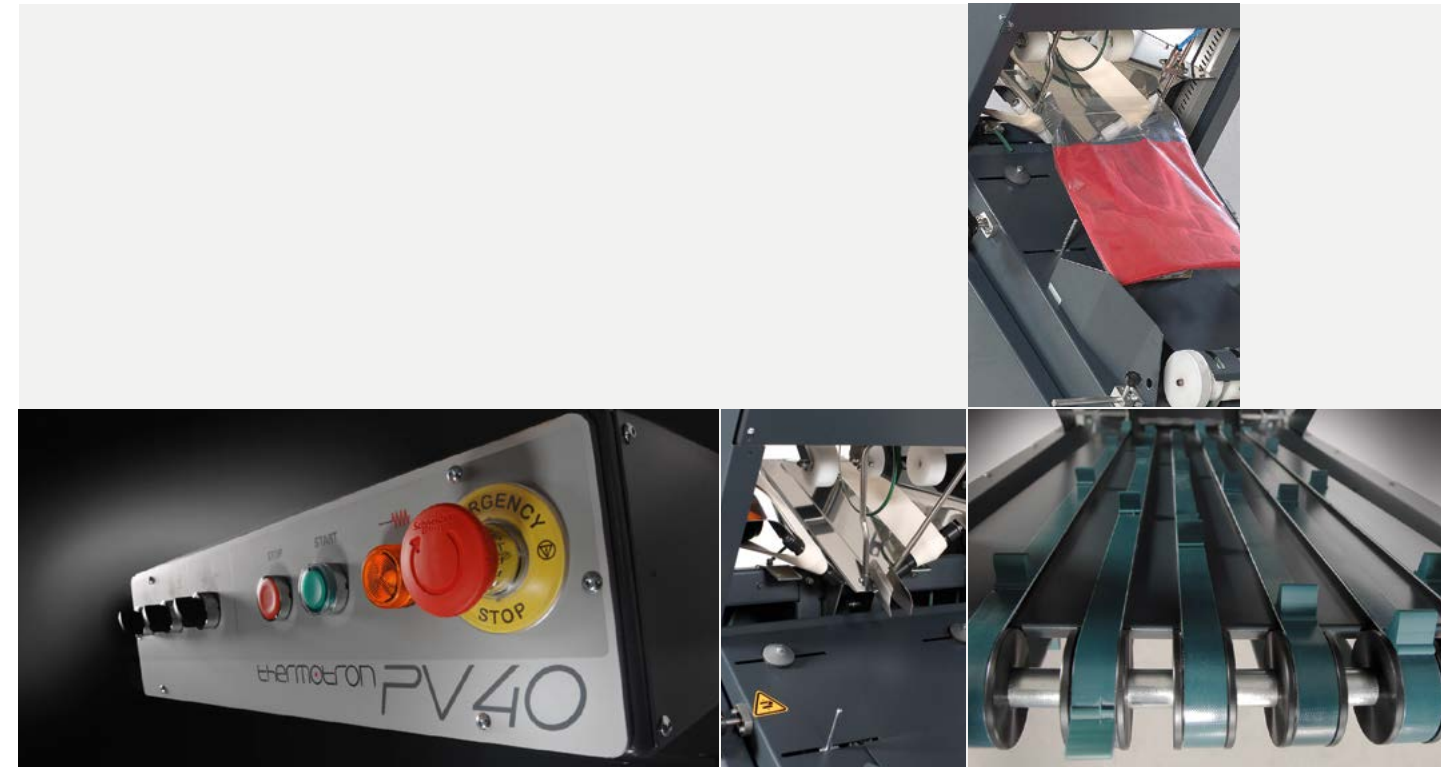
DIMENSIONS L-W-H:	276x124x139cm	AIR PRESSURE:	6bar
NET WEIGHT:	335kg	AVG. AIR CONSUMPTION:	51L/min
POWER SUPPLY:	210-400V AC 50-60Hz	MAXIMUM OUTPUT:	5.500 foldings/8h
POWER CAPACITY:	1.44Kw	OPERATOR:	1 person
MAXIMUM CLOTH DIMENSIONS (L / W):		100cm / 80cm (Trousers L=120cm)	
WIDTH OF FINAL FOLDING:		min 16cm & max 30cm	



* STP1000 is combined with PV40 and NT50

thermotron PV40

AUTOMATIC BAGGING MACHINE



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.

PV40M DIMENSIONS L-W-H: 176x68x130cm	POWER CAPACITY: 0.33Kw
PV40 DIMENSIONS L-W-H: 92x68x130cm	AIR PRESSURE: 6bar
NET WEIGHT: PV40M:130kg, PV40:115kg	AIR CONSUMPTION: 70L/min
POWER SUPPLY: 210-400V AC 50-60Hz	
ENVELOPE PLASTIC BAG	
	MAX. CLOTH THICKNESS: 6cm BAG CAPACITY: 80-100pcs OPERATOR: 1 person

PV40M: WITH CONVEYOR BELT / PV40: WITHOUT CONVEYOR BELT



* PV40 is combined with STP1000 and KL60

thermotron **KL60**

AUTOMATIC SEALING MACHINE

NEW
improved model



KL60* 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.

KL60 is placed behind **PV40**, receives the packaged garments and seals the bags with adhesive tape.

KL60M DIMENSIONS L-W-H: 208x91x119cm	POWER CAPACITY: 1.44Kw
KL60 DIMENSIONS L-W-H: 145x91x119cm	AIR PRESSURE: 6bar
NET WEIGHT: KL60M:175kg, KL60:160kg	AVG. AIR CONSUMPTION: 30L/min
POWER SUPPLY: 210-400V AC 50-60Hz	

KL60M: WITH CONVEYOR BELT / KL60: WITHOUT CONVEYOR BELT

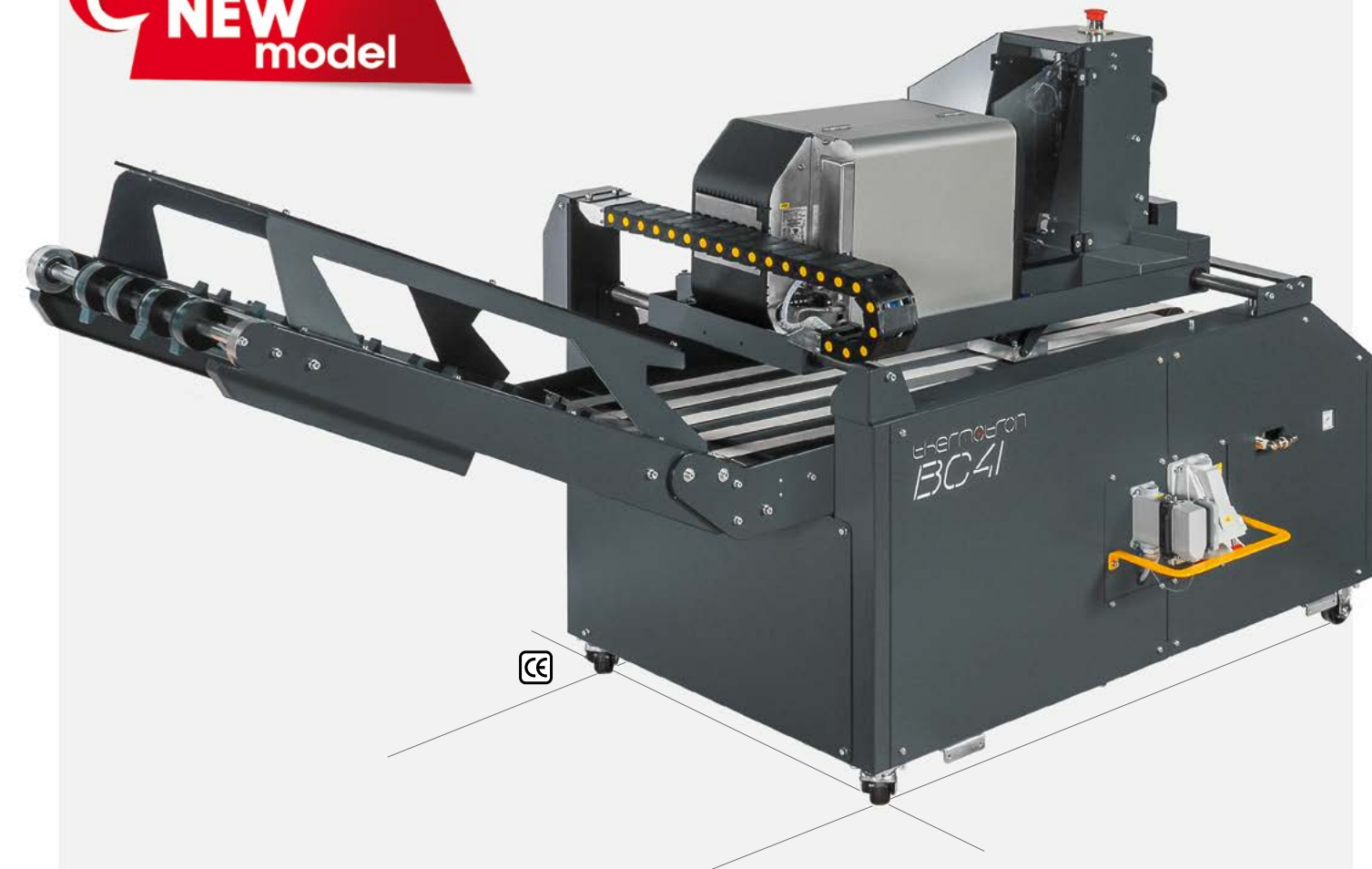


* KL60 is combined with PV40

thermotron **BC41**

AUTOMATIC LABEL PRINTING AND ATTACHING MACHINE

NEW
model



BC41 is a new barcode-machine that prints and attaches labels to plastic bags. It has been developed in order to attach labels easily and efficiently onto plastic bags, as these exit the **PV40** bagging machine. The output capacity of **BC41** depends on the output speed of **STP1000** folding machine as well as the speed of its operator.

BC41M DIMENSIONS L-W-H: 217x97x106cm	POWER CAPACITY: 1.44Kw
BC41 DIMENSIONS L-W-H: 154x97x106cm	AIR PRESSURE: 6bar
NET WEIGHT: BC41M: 170kg, BC41: 155kg	AVG. AIR CONSUMPTION: 30L/min
POWER SUPPLY: 210-400V AC 50-60 Hz	
PRINT METHOD: THERMAL TRANSFER	
LABEL DIMENSIONS, W-H: min. 2.8X2.0cm - max. 10.4x10.0cm	

BC41M: WITH CONVEYOR BELT / BC41: WITHOUT CONVEYOR BELT

thermotron **NT50**

AUTOMATIC STACKING MACHINE

NEW
improved model



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:	255x72x118cm	POWER CAPACITY:	0.33Kw
NET WEIGHT:	125kg	AIR PRESSURE:	6bar
POWER SUPPLY:	210-400V AC 50-60Hz	AVG. AIR CONSUMPTION:	34L/min



* NT50 is combined with STP1000

thermotron **FX25s**

AUTOMATIC FOLDING MACHINE



FX25

AUTOMATIC FOLDING MACHINE



The automatic folding and stacking machine **FX25s**, as well as the folding machine **FX25**, fold garments quickly, quietly and precisely. They function independently and require 1 operator. They are designed to fold T-shirts, sweatshirts, sweaters, undershirts, etc. They can be very easily adjusted for the various sizes and types of garments so that the best desired folding is achieved.

FX25s* and **FX25** apart from the automated folding, offer more options after the garment has been folded. Both machines provide a program for easy packaging of the garment in a plastic bag.

*FX25s offers a second program for stacking and easy gathering of the folded garments.

DIMENSIONS L-W-H:	106x93x83cm	DIMENSIONS OF FOLDED GARMENT	
NET WEIGHT:	FX25s:120kg, FX25:117kg	WIDTH: min 18cm, max 30cm	LENGTH: max 39cm
POWER SUPPLY:	100-240V AC 50-60Hz	MAXIMUM OUTPUT	
POWER CAPACITY:	0.24Kw	FX25s: FOLDING & PACKAGING: 2.500 pcs/8h	FOLDING & STACKING: 3.500 pcs/8h
AIR PRESSURE:	6bar	FX25: FOLDING & PACKAGING: 2.500 pcs/8h	
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 four independent units (**STP1000-PV40-KL60-BC41**) aims to offer the most cost-effective purchase choice according to the customer's needs.

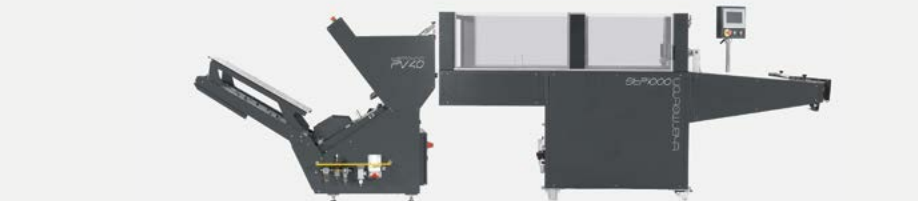


THE COMPLETE STATION CONSISTS OF:

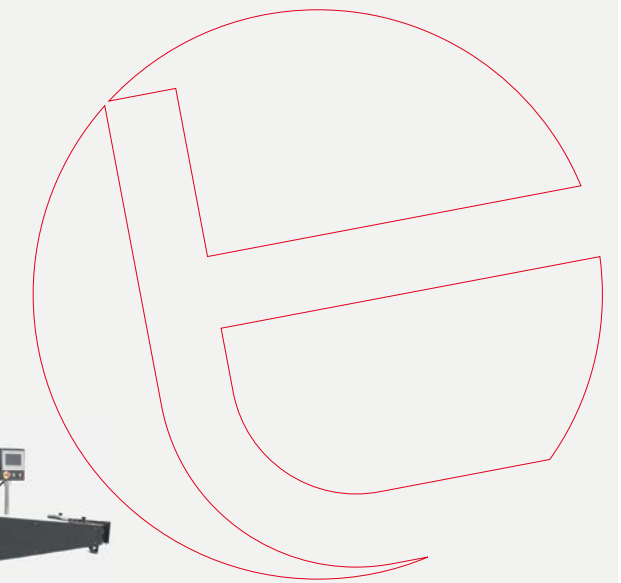
STP1000 automatic folding machine | **PV40** automatic bagging machine | **KL60** automatic sealing machine | **BC41** automatic label printing & attaching machine



OTHER POSSIBLE COMBINATIONS



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





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