

# HEAT SEAL MACHINES

HAND-OPERATED AND PNEUMATIC HEAT SEAL MACHINES | ACCESSORIES



# HAND-OPERATED HEAT SEAL MACHINES

## Your advantages:

- ❑ free and easily exchangeable lower plates
- ❑ electronic control with 4line display – all information at a glance: number of pieces, temperature display, counter for hours of operation, service intervals (not in Economy machine)
- ❑ „Cushion system“ in the lower plate ensures optimal heat seal results through even compression
- ❑ electronic heat seal release and automatic error messages prevent incorrect heat sealing
- ❑ rapid heating of the machine
- ❑ maximum processing quality
- ❑ CE conformity
- ❑ manufactured in accordance with the latest Machinery Directive 2006/42/EG and 98/37/EG

## ECONOMY

FOR SMALL REQUIREMENTS

## SPIRIT 1

ELECTRONIC CONTROL  
WITH DISPLAY



- ❑ analogue control with temperature and time display
- ❑ small lower plate

Connection: 230V, 50Hz, 550W  
Length: 450mm  
Width: 220mm  
Height: 500mm  
Weight: 13kg  
Upper plate: 125 x 95mm

Economy

Art. no. 13785

- ❑ suitable for nursing homes
- ❑ the smarter Economy (with a large display and many features)

Connection: 230V, 50Hz, 550W  
Length: 450mm  
Width: 220mm  
Height: 500mm  
Weight: 14kg  
Upper plate: 125 x 95mm

Spirit 1

Art. no. 13812

## SPiRiT 3 SELF-OPENING



- allows more efficient working
- larger lower plate, for larger labels or emblems
- start working faster thanks to high heating performance
- self-opening
- suitable for sheltered workshops

Connection: 230V, 50Hz, 750W  
Length: 450 mm  
Width: 220 mm  
Height: 500 mm  
Weight: 15 kg  
Upper plate: 150 x 115 mm

Spirit 3

Art. no. 13873



SIMPLE FIXATION WITH  
SELF-ADHESIVE LABEL

### Your advantages:

- rapid heating of the machine enables immediate start of work
- easily exchangeable heat seal plates – no tools required
- free lower plate – unencumbered operation, no interference from fabric on the plate
- electronic control allows extra working comfort (e.g. piece counter, how many labels have been processed per job or 3 different function keys allow quick switching between different applications)
- movable lower plate for simple pressure adjustment and optimal heat seal results
- electronic heat seal release and automatic error messages prevent incorrect heat sealing
- maximum processing quality ensures the durability of the machine
- CE conformity
- manufactured in accordance with the latest Machinery Directive 2006/42/EG and 98/37/EG

# PNEUMATIC HEAT SEAL MACHINES




## MORE INFORMATION

### INTELLIGENT WORKING AID

#### THE USER-FRIENDLY P4

The pneumatic heat seal machine offers an oversized opening angle, which makes it easy to heat seal voluminous textiles. The gained freedom of movement facilitates the workflow of the employees.

The P4 has a user-friendly touch display with smart menu navigation in a modern design. The display shows important functions at a glance, such as the actual and set temperature and heat seal duration. Since these parameters are essential for an optimal heat seal result, they can be changed quickly via the touch display or even stored in 3 different function switches. Another important parameter is the contact pressure with which heat sealing is done. This can also be seen directly on the front of the P4.

The heat seal process is started by foot switch. The electronic heat seal release and the automatic fault message guarantee a safe workflow. If a heat seal process has to be interrupted or aborted, for example, to remove the heat seal, this can be done quickly with the release switch. The „damper system“ with easily interchangeable lower plates ensures an even heat seal pressure for an optimal heat seal result. The heat seal machine is manufactured according to the latest Machinery Directive 2006/42/EG. 



### P4 FOR PROFESSIONAL USE



- oversized opening angle for maximum freedom of movement for the user
- large colour touchscreen with self-explanatory symbols for intuitive operation
- easily exchangeable heat seal plates
- foot switch operation
- maximum processing quality
- CE conformity
- manufactured in accordance with the latest Machinery Directive 2006/42/EG and 98/37/EG

Connection:	230V, 50Hz, 750W
Width:	200mm
Deepness:	540mm
Height, closed:	320mm
Height, open:	490mm
Weight:	22kg
Upper plate:	150 x 115mm
Operating pressure:	4 - 5bar

P4

Art. no. 21900

NEW: WITH INTUITIVE TOUCH DISPLAY

**TWINYMAT**  
HIGH-PERFORMANCE  
HEAT SEAL MACHINE



- two heat seal working stations for efficient working
- especially suitable for high volumes
- smooth-action pivoting arm
- maximum processing quality
- CE conformity
- manufactured in accordance with the latest Machinery Directive 2006/42/EG and 98/37/EG

Connection:	230V, 50Hz, 750W
Width:	620 mm
Height:	510 mm
Deepness:	410 mm
Weight:	28 kg
Upper plate:	150 x 115 mm
Operating pressure:	4 - 5 bar

Twinymat

Art. no. 22100



**SIMPLER, SAFER, BETTER**  
THE NEW TWINYMAT

The pneumatic Twinymat impresses with the latest machine guideline and simple operation with a high-quality, coloured touch display. Without spending hours browsing through the manual, you will be guided through the responsive menu with easy-to-understand symbols. A release switch guarantees the required safety for the user. The automatic opening of the heating head after the exact specified heat seal duration renders incorrect heat sealing impossible. Even after a long continuous use, the Twinymat delivers reliable results. It's better to be safe than sorry - especially in case of malfunctions. Therefore the Twinymat always reports these automatically to the user.

The high-performance machine provides two heat seal stations, making it ideal for high volumes and fast, efficient operations. To start work in the morning just as quickly, the Twinymat heats up in a few seconds. In order to protect the textile around the label or emblem to be heat sealed, THERMOTEX offers various, easily replaceable lower plate shoe sizes. With the integrated damper system on the lower plates, the pneumatics above the heating head produce the optimum pressure for a perfect heat seal result. The professional Twinymat heat seal machine makes the perfect, hard-working helper for everyday work. **TF**



NEW MODEL

# ACCESSORIES

## HEAT SEAL PLATES – TEFLON

THE RIGHT FORMAT FOR EVERY APPLICATION

For an optimal patch result, timing, temperature and pressure have to be right. If the lower plate or the silicone pad on the heat sealing plate is worn, it may not be possible to build up the right amount of pressure. For this reason, you'll find easily replaceable heat sealing pads here. If you just want to replace the silicone pad, we can also provide you with the appropriate special silicone adhesive.

TEFLON:  
SELF-ADHESIVE COVER FOR  
HEATING PLATE

Heat seal machines	Heat seal plates		Silicone pad		Teflon	
Type of machine	Art. no.	Size	Art. no.	Size	Art. no.	Size
Economy / Spirit 1	13811	120 x 90 mm (Standard)	10031	120 x 90 mm	10038	130 x 105 mm
	12853	110 x 60 mm	13503	110 x 60 mm		
	14159	110 x 30 mm	10403	110 x 30 mm		
	14509	120 x 90 mm*				
	17893	60 x 30 mm	17905	60 x 30 mm		
Spirit 3	13951	145 x 110 mm (Standard)	13910	145 x 110 mm	10028	160 x 125 mm
	13811	120 x 90 mm	10031	120 x 90 mm		
	12853	110 x 60 mm	13503	110 x 60 mm		
	14159	110 x 30 mm	10403	110 x 30 mm		
	13244	145 x 110 mm*				
P4 / Twinymat	17893	60 x 30 mm	17905	60 x 30 mm		
	13951	145 x 110 mm (Standard)	13910	145 x 110 mm	10028	160 x 125 mm
	13811	120 x 90 mm	10031	120 x 90 mm		
	12853	110 x 60 mm	13503	110 x 60 mm		
	14159	110 x 30 mm	10403	110 x 30 mm		
	12156	Ø 100 mm	12159	Ø 100 mm		
	11944	140 x 100 mm	10035	140 x 100 mm		
13244	145 x 110 mm*	10403	110 x 30 mm			
	17893	60 x 30 mm				

\* with punched holes for tags Ø 20 mm

**DUO PRESS**  
TWO BECOMES ONE



- ☐ one rail for all Spirit models
- ☐ makes from a Spirit a 2-station press for working faster

Rail width: 100 cm  
Slide width: 90 cm

Art. no. 18095

DUO PRESS: the rail with 2 heat sealing stations



**ACCESSORIES**

**MAINTENANCE KIT FOR HEAT SEAL MACHINES**

The maintenance kit for heat seal machines consists of a cleaning paste, temperature measuring strips, self-adhesive teflon fabric, silicone pad for the lower plate and special silicone glue.



Type of machine	Art. no.
Economy, Spirit 1	52796
Spirit 3	53462
P4, Twinymat	53462

**TEMPERATURE MEASURING STRIPS**

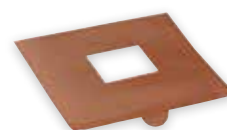
Different versions of temperature measuring strips are available for reliable temperature measurement at heat seal machines. The indicators change colour to clearly show the current temperature. Tip: check the temperature of your machines every day!




Type	Art. no.	Measuring range
Type 1	50424	104 - 143 °C
Type 2	50226	143 - 182 °C
Type 3 standard	50055	182 - 224 °C
Type 4	50108	210 - 260 °C

**HEAT-PROTECTION COVER PLATE (PROTECTS FABRIC WHEN HEAT SEALING LABELS)**

- ☐ size 160 x 160 mm
- ☐ two-layer teflon
- ☐ for heat seal machines, individual dimensions of the punched hole on request



Art. no. 13175

A child wearing a blue t-shirt, a brown leather aviator helmet with goggles, and a long, flowing blue cape is sitting inside a cardboard box. The box is decorated with several travel-themed stickers, including 'MOSCOW', 'NEW YORK', 'HONG KONG', 'LONDON', and 'JAPAN'. The child is looking out over a vast, scenic mountain landscape with rolling hills, dense forests, and a winding river, under a bright blue sky with scattered white clouds. The scene is framed by a wooden deck in the foreground.

**We're looking forward  
to your call!**

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