



SURE RANGE Tray Sealers (semi-auto MAP range)

SURE RANGE Models TSS115, TSS115E & TSS125

The SURE RANGE semi-auto MAP tray sealer range comprises of three models of different sizes and operational control. The semi-auto cycle is a very simple operation. The tray is loaded in the mould and pushed into the machine, the machine automatically completes the sealing process and the mould is slid out. Various size moulds can be designed, including single and double moulds. The TSS115E is an electrical operated machine, without the need for compressed air. The TSS125 can also skin pack and be specified with die (profile) cut.

DESCRIPTION	
Model Range	
TSS115 TSS115E TSS125	
SPECIFICATIONS	
Finish	
This machine is constructed mainly from stainless steel with aluminium	
INFINITY 1 mould (tray sizes)	
137x95 / 137x190 / 137x125mm	
INFINITY 2 mould (tray sizes)	
137x95 / 137x190 / 190x230 / 190x260mm	
INFINITY PLUS mould (tray sizes)	
137 x 125 / 137x190 / 190x230 / 190x260 / 137x95 (x2) mm	
Tray Size	Approvals
TSS115; maximum 370 x 260 x 105mm (H) TSS115E; maximum 370 x 260 x 105mm (H) TSS125; maximum 420 x 280 x 100mm (H)	CE Conformity: EC machine directive 98/37/EEC.
Environment	EC EMC directive 89/336/EEC.
The machine should be cleaned at least once a day. High-pressure water and steam cleaning should NOT be used.	EC low voltage directive 73/23/EEC.
Product Packed	
Fresh, frozen and chilled products	
Product Limitations	
The following products should not be processed in this machine: - Not applicable	





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DIMENSIONS & WEIGHT			
	TSS115	TSS115E	TSS125
Max tray dimension	370 x 260mm	370 x 260mm	420 x 280mm
Max tray depth	105mm	105mm	100mm
Max film dimensions	380mm (W) x 200 Metre (long)	380mm (W) x 200 Metre (long)	470mm (W) x 200 Metre (long)
Overall machine dimensions (W x D x H)	470 x 710 x 700mm	470 x 710 x 700mm	590 x 750 x 1440mm
Net weigh	150kg	130kg	170kg
SPECIFICATION			
	TSS115	TSS115E	TSS125
Working position	Table top	Table top	Floor Standing
Operation type	Semi-auto	Semi-auto	Semi-auto
Operational control	Pneumatic	Electrical	Pneumatic
Number of programs	10	10	10
Mould type:			
INFINITY 1	x	x	x
INFINITY 2	x	x	x
INFINITY 1 DOUBLE	x	x	x
INFINITY PLUS	x	x	x
Single mould	√	√	√
Multi-mould	√	√	√
Die (profile) cut	x	x	√
Seal type	Seal / Seal & Vac / MAP	Seal / Seal & Vac / MAP	Seal / Seal & Vac / MAP / Skin Pack
Temperature control to sealing plate	0 – 200 °C	0 – 200 °C	0 – 200 °C
Cycles per minute	5 - 10	5 – 10	5 - 10
Power supply	2000 W	2500 W	2500 W
Electrical specification	230V 50Hz 1 phase	230V 50Hz 1 phase	230V 50Hz 1 phase
Vacuum pump	12 m ³ /hr	12 m ³ /hr	25 m ³ /hr
Compressed air	6 bar / 4NL/C	N/A	6 bar / 4NL/C
Gas pressure	3 bar	3 bar	3 bar
OPTIONS:			
Skin pack	x	x	√
Scrap film recovery system	x	x	√
Film reel balancing system	x	x	√
Film slitter / cutter	STD	STD	√
Film micro puncher (film breathable)	x	x	√
Film protection cover	x	x	x
Compressor	√	N/A	√
Alternative vacuum pump	N/A	N/A	40 m ³ /hr
Machine trolley	√	√	N/A
Vac pump filter (for dust or water)	√	√	√
Extended height vacuum chamber to 150mm	x	x	√
SHIPPING SPECIFICATIONS			
	TSS115	TSS115E	TSS125
Length (cm)	80	80	120
Width (cm)	60	60	80
Height (cm)	80	80	170
Gross Weight (kg)	180	150	215