

SPECIFICATIONS TS-100				
TOPICS		PROVIDED	OPTIONAL	NOTES
<b>SEALING METHOD:</b>	Hot Air	X		Hot Air is the preferred method used on large commercial production lines
<b>TRIM STATION</b>	Not Required			<b>Not required.</b> The Pre-Fold Jaws along with adjustable Seal Placement eliminates need for Trim Station. The tube is moved into the sealing station and has a repeatable accuracy of +/- 0.001" (+/-0.025 MM).
<b>QUALITY</b>				Same as or better than large production lines.
<b>SPEED:</b>	4,500-5,000 tubes/8 hr shift			4,500 - 5,000 tubes per 8 hour shift using dual tube loader
<b>TUBE SIZE:</b>	Min: D 0.300" x 1.250" (D 8mm x 30mm) Max: D 2.375" x 12" (D 60mm x 300mm)			Will run ALL types (LDPE, MDPE, HDPE, Polypropylene, Laminate, Multi-Layer) and more
<b>TUBE LENGTH</b>	Automatic Adjusts			The TS-100 will automatically adjust for changing tube lengths. Simply insert tube of different length and the TS-100 will self adjust for the varying tube length.
<b>POWER:</b>				
<b>ELECTRICAL</b>	120V 60Hz @ 17 amps (Req. 20A Breaker)	X		2000 Watts, similar to a heat gun, electrical cost \$0.75 per day
	220V 50Hz @ 9 amps		X	Can be adapted for any plug style depending on country of usage
<b>AIR</b>	0.1 cfm@100 psi (0.17m3h@6.9bar)			Very minimal air is required
<b>COOLING</b>	Not Required			Not required
<b>DIMENSION:</b>				
<b>WEIGHT</b>	app. 150 lbs. (68kg)			
<b>SIZE</b>	32"W-28"D-36"H (800mmx700mmx900mm)			Table Top Model. The width is increased by 6" for double shuttle
<b>TUBE LOAD METHOD:</b>				The Tube is inserted into the Tube Holder and manually slid into the sealing station.
<b>DUAL</b>	Dual Tube Holders	X		Tube is inserted into carrier on the left or carrier on the right which increases the speed.
<b>SEALING STATION:</b>				
<b>SEALING JAWS</b>	Removable	X		0.001" (0.025mm) Click Wheel Gap Adjustment, Standard 4mm sealing jaw insert (5mm optional), serrated, laminate, or flat styles available
<b>PRE-FOLD JAWS</b>	Adjustable Pre-Fold Jaws	X		Adjustable spring loaded Pre-Fold Jaws, improve the look of the seal. Eliminates pockets.
<b>DATE CODE</b>	Date Code		X	Type can be inserted into the sealing jaws for product QC control, or date. Any combination of Alphanumeric characters up to 14 characters per side.
<b>TOOLING</b>				
<b>QUICK CHANGE TUBE HOLDER</b>	Change Parts Package	2		Tube Holder is composed of two parts that snap together, the insert and the bucket. This reduces the cost when changing the Tube Holder for a different size tube.
<b>GUIDE RING</b>		X		Tooling Package required to change from one size tube to another
<b>HOT AIR NOZZLE</b>		X		
<b>PROGRAMMING:</b>				The TS-100 has a sophisticated HMI user interface screen with the following features:
<b>TEMPERATURE</b>	(Adj.) Ambient - 550°C			Fully adjustable in 5°C increments
<b>HOT AIR BLOWER AIR FLOW</b>	max. unrestricted 20 cfm/34 m3h			Hot air is generated by High Efficiency Blower; is adjustable under program control (Typical 8 cfm. For 2" tube)
<b>HEATER DWELL</b>	0.1 sec. to 2.0 seconds			Adjustable to accommodate all tubes.
<b>SEAL DWELL</b>	0.1 sec. to 2.0 seconds			Adjustable to accommodate all tubes.
<b>SEAL PLACEMENT</b>	Adjustable +/- 0.50mm			The tube seal can be moved up/down. Does not require trim station.