

SPECIFICATIONS PTS-100

PTS-100 NEEDS REWORK

TOPICS		PROVIDED	OPTIONAL	COST \$	NOTES
1 SEALING METHOD:	Hot Air				Hot Air is the preferred method used on large commercial production lines
2 TRIM STATION	Not Required				Not required. The Pre-Fold Jaws (#19) along with Seal Placement (#30) eliminates need for Trim Station. The tube is electronically moved into the sealing station and has a repeatable accuracy of +/- 0.001" (+/-0.025 MM).
3 QUALITY					Same as or better than large production lines.
4 SPEED:	4,500-5,000 tubes/8 hr shift				4,500 - 5,000 tubes per 8 hour shift using dual tube loader
5 TUBE SIZE:	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, Poly Pro, Laminate, Multi-Layer) and more
6 TUBE LENGTH	Automatic Adjusts				The TS-100 will automatically adjust for changing tube lengths (see #2). Simply insert tube of different length and the TS-100 will self adjust for the varying tube length.
7 POWER:					
8 ELECTRICAL	120 V @ 12 amps*				1400 Watts, similar to a normal hair dryer, electrical cost \$0.75 per day, *220v input available
9 AIR	0.1 cfm@100 psi (0.17m3h@6.9bar)				Very minimal air is required
10 COOLING	Not Required				Not required
11 DIMENSION:					
12 WEIGHT	app. 150 lbs. (68kg)				
13 SIZE	19W-23D-35H (480x580x900)				Table Top Model. The width is increased by 6" for double shuttle
14 TUBE LOAD METHOD:					The Tube is inserted into the Tube Holder and manually slid into the sealing station.
15 SINGLE	Single Tube Holder	X			Tube is place into carrier on left and manually slid into sealing station. The tube carrier can be operated from the left or right side for operator convenience.
16 DUAL	Dual Tube Holders		X	\$ 1,500	Tube is inserted into carrier on the left or carrier on the right which increases the speed. Requires 2 Quick Change Tube Holder (#19)
17 SEALING STATION:					
18 SEALING JAWS	Removable	X			0.001" (0.025mm) Micrometer Gap Adjustment, Standard 4mm seal, serrated or flat.
19 PRE-FOLD JAWS	Adjustable Pre-Fold Jaws		X	\$ 2,500	Adjustable spring loaded Pre-Fold Jaws, improve the look of the seal. Eliminates pockets (see #2).
20 DATE CODE	Date Code		X	\$ 750	Type can be inserted into the sealing jaws for product QC control, or date. Any combination of Alpha or numeric characters
21 TOOLING					
22 QUICK CHANGE TUBE HOLDER	Change Parts Package		2	\$ 1,500	Tube Holder is composed of two parts that snap together. Reduces the cost when changing the Tube Holder for a different size tube. Two required for Dual Tube Holder (#13).
23 GUIDE RING			X		
24 HOT AIR NOZZLE			X		
25 PROGRAMMING:					The TS-100 has a sophisticated user interface screen HMI with the following features.
26 TEMPERATURE	(Adj.) Ambient - 550°C				Fully adjustable in 1°C increments
27 HOT AIR BLOWER AIR FLOW	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)
28 HEATER DWELL	0.1 sec. to 10.0 seconds				Adjustable to accommodate all tubes.
29 SEAL DWELL	0.1 sec. to 10.0 seconds				Adjustable to accommodate all tubes.
30 SEAL PLACEMENT	Adjustable +/- 0.50mm				The tube seal can be moved up/down. Does not require trim station (#2)
32 TOTAL		\$ 24,950		\$ 6,250	\$31,200 LIST Show special Includes ALL of the optional items (\$6,250) included in one price \$24,950

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