

| SPECIFICATIONS TS-100 |                          |   |           |         |          |   |  |
|-----------------------|--------------------------|---|-----------|---------|----------|---|--|
| 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  |           |         |          | <b>Not required.</b> 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)<br>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 convience.   |  |
| 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         |         |          |   | Tooling Package required to change from one size tube to another |
| 25                    | PROGRAMMING:             |   |           |         |          | The TS-100 has a sofisticated 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 | <u>\$31,200 LIST</u> Show special Includes ALL of the optional items (\$6,250) included in one price <b>\$24,950</b>  |  |

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