

Tagmaster 2000 System

On line digital printing & insertion of ingredient tags.

Tagmaster Systems

Tagmaster 2000



The stand alone Tagmaster 2000 System is capable of printing tags in various lengths and width that have been previously digitally designed, transferred and stored on the Tagmaster Computer. Once the tag of choice has been selected it is individually printed, cut to the prescribed length, and inserted automatically on demand as the bag passes.

Tagmaster 2000 System completely automates the last step in the digital design, transfer, print and insert process. Upon selection of the tag or label to be run, the digital information is moved to the printer, updated with variable information and printed on the stock of choice automatically. As the bag moves past the bag sensor, the tag is automatically moved in conjunction with the bag and the sewing head finishes the process of attaching the tag to the bag.

During the digital design process the ingredient information is assembled and presented on the tag with the aid of an optional software package called Tagsoft. If you use a formulation package such as Agri-Data, Brill, or Format you can indirectly import tag information from these programs that are supplied with that module. Agri-Data allows the exporting of formulated tag information that can be imported automatically into Tagsoft and formatted correctly for each section of the tag as it is imported. Additionally you can translate to other supported languages while importing if you desire. Once the tag information has been imported it can be married with graphics, logos, barcodes, variable information, etc and then properly formatted for the Tagmaster 2000 system and saved. This file is then transferred to the Tagmaster System on the floor following approval of the tag and proper document back up storage. The tag design, movement, and printing are all accomplished digitally eliminating the need for proofs or off site reviews prior to printing.

Once the tag has been selected from the optional Tagmaster industrial computer, it is printed, loaded into the dispensing pocket and then moved with the robotic arm from the pocket to the sewing head on demand. The bag passing the sensing device triggers the arm to move the tag into the main stream of the bag flow and the sewing head sews the tag in place as the bag is closed. During the movement of the air-operated arm, the computer updates the information for the next tag and then begins the printing process all over again. When the arm returns, the new tag is ready for pick up on demand.

A Tagmaster 2000 system permits the printing of unique tags on line on demand that include variable information necessary for bag tracking, inventory control, or unique information such as Best If Used By Dates to



show the shelf life for additives. Should the ingredient costs change you can quickly reformulate your product and have new tags on line in a matter of minutes. No wasted tags, no wasted money.

The Tagmaster 2000 System will reduce your inventory cost by allowing you to use blank stock for all of your tagging needs. Trips to the printer for short production runs will be the thing of the past. The TM System with the optional modules will allow you to provide custom feed or seed tags (labels) to your customers. With minor changes to a generic tag/label template, your customers can have tags/labels designed exclusively for them. You'll get the flexibility you want and need to make changes on the fly without throwing away the overruns. Should approval of your tags be a necessary task, you will see that the TM System offers a variety of solutions for sending samples in pdf format or digital format for printing at other sites.

Tagmaster 2000 Benefits:

- **Reduced tag costs by producing tags/labels in-house, on demand without extra labor**
- **Printing only what you need eliminates scrap and wasteful overruns**
- **Digital tag formats make it easy to modify and distribute tags/labels**
- **Automatically inserted tags free operator for other tasks**
- **System allows for multiple tag/label designs and flexible tag/label sizes**
- **Tag length is based on tag design, not page size**
- **Add the variable information you need automatically including:**
 - **Best if used by date**
 - **Time manufactured**
 - **Company graphics**
 - **Bag count**
 - **Date manufactured**
 - **Bar code**
 - **Numerous tag color options**

cmsi Technologies

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Tagmaster Systems

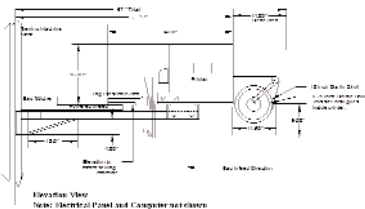
Tagmaster 2000 System

Specifications, Features & Options

Specifications:

Air: 2-3 CFM DRY

Power: 120v, 1ph



Optional LCD Touch Screen Computer.

Industrial grade computer that is dust and water resistant.

About CMSI Technologies

Founded in 1976 to provide the meat and poultry industries with weigh, print and labeling solutions, the organization has evolved to include 3 divisions that are strategically aligned to provide customers a single source print/label/tag solution. **Tagmaster Systems** is the machinery division that provides innovative tag and labeling hardware and automation systems. **Labelmart** is the tag and label manufacturing division that focuses on providing unique solutions for thermal transfer printing applications for both low-end and high-end users. In addition to custom label design and printing, Labelmart also provides blank label stock, thermal transfer printer ribbons, and other consumables to meet the needs of thermal printing customers. **Softsys** is the software division that provides tag and label users with the technology to systematically automate, customize and support their in house label and tag producing systems.

Specifications subject to change without notice.

The Tagmaster 2000 System comes with ApprovelT software and the Tagmaster System Windows driver.

Tagmaster 2000 System

The Tagmaster 2000 System features the latest design in print head technology. Using the exclusive FETHR® (Floating Edge-Type Head Revolution) permits lighter head pressure to print on a wide range of stock. Its unique straight through paper path allows the system to automatically adjust to print on various thicknesses of label and tag materials.

Tagmaster 2000 System Standard Features:

- Maximum print width: 5.03 inches
- High resolution output at 305 dots per inch
- Software selectable high-speed printing up to 8 inches per second
- Industrial strength case designed for rugged environments
- Internal media handling for dusty environments
- No print head adjustments
- Parallel port extension I/O interface, PCMCIA slot
- Standard RS-232C interface

LCD Touch Screen Shop Floor Computer (optional):

Pentium processor; 12.1 LCD Touch screen; 64MB memory; 300 nit screen, keyboard port, on board network connection; Com ports 2,3,4 located externally; Minimum 6.0 gig (2.5 in drive) Backlight heaters Included ; Comes standard with Windows 2000, and Tagmaster ApprovelT Software fully loaded. This is an industrial grade computer that is dust and water resistant. (CMSI Technologies recommends its LCD Touch Screen computer with its Tagmaster Systems, and does not support other manufacturers' computers.)

Options:

- Special Feed Program Interface: A special feed program interface is available for your program output.
- Portable Stand: Ask us about a printer stand designed for your unique application.
- Installation Services: Personalized training and installation services are available.
- Larger Tag Widths: Printer systems are available to facilitate printing up to 8 inches in width.
- Dry Air Systems: Dry air systems including Desiccant filters are available.
- In-house Off-line Printing: With the addition of a revised T2000 application program, your spare printer can be used with your desktop PC and converted into an off line printing system for design, production or backup.
- Depot Maintenance Programs: Repair and maintenance agreements are available for printers and computers.
- Top and Bottom Printing: The system can be supplied with two printers allowing for top and bottom in-line printing.



Spare printer for off-line printing

Warranty:

CMSI Technologies warrants all items manufactured by us for a period of one year from date of shipment. Warranties on purchased and electrical components are commensurate with the warranties of the respective suppliers.

