WM-4000

FULLY AUTOMATIC WRAPPER
with INTEGRATED SCALE and LABEL PRINTER/APPLICATOR

WM-4000

FULLY AUTOMATIC WRAPPER with INTEGRATED SCALE and LABEL PRINTER/APPLICATOR

Check the weight before production.
Enter PLU No. and press [PLU] key.

0.000 lb   0.00   0.00

10.4 inch Color LCD Touchscreen

Intuitive Control for Efficient Prepackaging Operations.

User-friendly Design Streamlines Operation

From its ergonomic design to its high-speed performance, Ishida's WM-4000 streamlines backroom prepackaging operations. The WM-4000 design is the result of thorough analysis of a vast variety of working environments, operation processes, operator ergonomics and flow lines. Our design gives priority to the operation process itself—minimizing the burden on the operator while efficiently performing various functions. Weighing, wrapping and labeling up to 35 packages per minute, advance your operation to a new level of efficiency and ease.

Intuitive Functions Meet the Needs of Any Backroom

We recognize that customers' needs are uniquely based on individual operational site criteria such as type of business, divisions, intended purposes and production volume. The solution is a flexible system designed to meet each customer's individual functional requirements. Standard 10.4-inch Color LCD Touch Panel immensely simplifies toggling between products and functions. Operational ease is further enhanced with many automated functions designed into the system–from film selection to tray centering to robotic label application.

Automatic Tray Identification and Centering

A CCD camera automatically identifies the tray as soon as it is placed on the in-feed conveyor. Wrapping and labeling parameters and tare weight are then set automatically. The centering conveyor corrects off-center tray placement resulting in a perfectly weighed and wrapped package every time.

Controlled Commodity Supply

Difficult and awkwardly positioned product such as stacked or loose items can prove to be a challenge with automatic systems. With the WM-4000, these items can be conveyed at any of three programmable speeds (low, medium, high). This strategic design prevents toppling and spills, keeping production moving.

Scale and Tray Detection Area

Ultimate Label Position Control

The unique applicator design means that labels can be applied on the tray in any location (top, bottom, left, right), and in either direction (vertically or horizontally). Additionally, the applicator is designed to provide delicate and reliable labeling using a built-in sensor that detects the pressure at the leading edge of the label.

This feature prevents unnecessary impact with the film and commodity so labels will be consistently applied accurately and straight on all products without damaging packaging or contents.

Robotic Label Applicator with User Selectable Positioning

Automatic Film Selection and Pre-stretching

Two film sizes are loaded on either side of the wrapper. The appropriate film size is then automatically selected for wrapping. The pre-stretching function provides a beautiful finish while reducing costs and the impulse heater ensures a firm, secure wrap.

Automatic Film Setting and Convenient Label Loading

Front-loading of both label and film rolls reduces additional space requirements on the sides of the wrapper. Simply hang the film edge on the supplied hook when reloading and the film is automatically set in the wrapper. Metal covers keep the film warm and clean to ensure the best wrap possible. A sliding chassis accommodates the label roll holder, which can be easily extended for loading the label roll.

Sanitary and Easy-to-Clean

Frequent cleaning is easily accomplished with the detachable and washable in-feed tables and lifts. The entire exterior body is crafted from stainless steel providing superior rust-resistance, stringent cleanliness and outstanding durability. Easily sweep and clean under and in front of the unit due to the open interior design and generous underbody clearance below.

Film Loading Area with Auto Set

WM-4000
FULLY AUTOMATIC WRAPPER
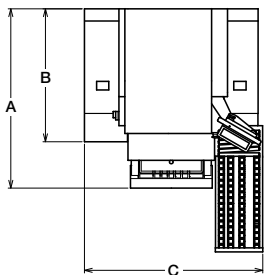### with INTEGRATED SCALE and LABEL PRINTER/APPLICATOR
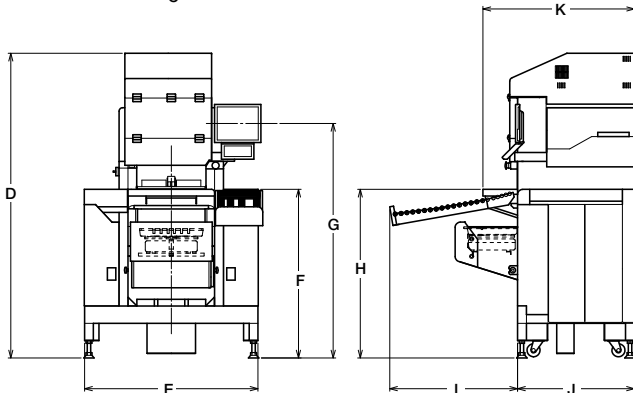
Standard Features

- Weigh/wrap/label up to 35 packs/minute
- Automatic tray identification and centering
- Variable speed infeed
- Automatic film selection
- Film pre-stretching function
- Front loading film with auto set
- Adjustable touchscreen viewing angle
- Large LCD color touchscreen
- 19 tactile keys
- Static TCP/IP Ethernet communication
- Dual-range weighing (0-15 lb x 0.005 lb/15-30 lb x 0.01 lb)
- Robotic label application with user selectable positioning
- Stores and prints graphics for custom labeling
- Safe handling instructions, country of origin, and more
- Large 9 in label roll and 3 in thermal head
- 34 MB memory
- Compatible with third-party communication software, including Invatron's PLUM, ADC's InterScale and Droste's PCScale Manager

Dimensions

A	40.8 in (1035 mm)	G	53.3 in (1353 mm)
B	30.2 in (767 mm)	H	38.3 in (973 mm)
C	40.5 in (1030 mm)	I	28.7 in (730 mm)
D	68.9 in (1750 mm)	J	26.6 in (675 mm)
E	39.4 in (1000 mm)	K	34.5 in (875 mm)
F	38.3 in (973 mm)		

Options/Accessories

- SLP-V and SLP-5 product management software
- Roller pack-off table, 3 ft or 5 ft
- Rotary bin with adjustable height, wheels and handle, 28 in dia. x 8 in deep
- Washdown cover

Specifications

Cycle Speed:	Weigh/wrap/label: up-to 35 ppm
	Wrap: up-to 35 ppm
	Label: 35+ ppm
Weighing Capacity:	15 x 0.005 lb / 30 x 0.01 lb (dual-range standard)
Wrapping Capacity:	6.5 lb
Wrapping Size:	Width: 3.7-14.2 in (95-360 mm)
	Depth: 3.1-9.8 in (80-250 mm)
	Height: 0.4-5.1 in (10-130 mm)
	Tray Height: 1.9 in max (50 mm)
Display:	10.4 in color touchscreen
Film:	Two rolls, automatic film selection
Power:	208 V, 220 V or 240 V (3 phase)
	Standard 20 A circuit
Power Consumption:	1000 W (standby)
	1400 W (maximum)
Label Size:	Maximum width: 3.1 in (80 mm)
	Maximum length: 4.1 in (105 mm)
	Max length for automatic application: 3.4 in (85 mm)
Label Roll:	9.0 in (230 mm) maximum O.D.
	3.0 in (77 mm) core I.D.
Film Size:	Length: 3,280 ft (1000 m)
	Width: 9.8 in–19.7 in (250-500 mm)
	Outside diameter: 6.3 in (160 mm)
Print Items:	Item name, unit price, weight, total price, special message, bar code, ingredients, tare, pack time, dates, graphics, nutrition
Operating Temperature:	50°F to 86°F (10°C to 30°C)
Humidity Range:	30-80%
Classification:	NTEP CC 06-029 and NFPA 79
Warranty:	One-year limited warranty

Approvals

RICE LAKE
RETAIL SOLUTIONS | ISHIDA