

WM-Ai Installation Check Off List

Customer: _____

Serial Number: _____

Installation Date: _____

Step	✓	Procedure
Before Delivery		
1		Unpacking <ul style="list-style-type: none"> - Removal all packing materials - Leave the wrapper on the pallet unless it will be transported off the pallet. - To remove from the pallet → remove 4 collar ties (10mm), lower legs, remove two upper 4x4 cross supports (17mm), raise legs, roll to the right side (ramps) Note: A power drill and sockets are recommended
2		Install power cord (as needed) <ul style="list-style-type: none"> - Crimp lugs - Secure strain-relief
3		Power <ul style="list-style-type: none"> - Verify incoming power is 200~240V, single-phase, 20A
4		Check operation <ul style="list-style-type: none"> - Adjust Menu, Unit Action - Operate each component to confirm operation after shipment
5		Run In <ul style="list-style-type: none"> - If the wrapper has not been run for more than <u>two weeks</u> perform the following: <ul style="list-style-type: none"> o Remove the Lifts o 495344, PLU, Adjust Menu, Unit Action, Label App tab o Run 10: Wrapper (U)+Appl(1) and 12: Wrapper (L)+Appl(1) for 15 minutes each
6		Check/Upgrade main firmware <ul style="list-style-type: none"> - Adjust Menu, Firmware Details <ul style="list-style-type: none"> o Title Software: Z1775 or later o Wrapper App (Boot): C2006D (J0860A) or later o Printer App (Boot): J0909A (J0827) or later o Camera App (Boot): J0884C (J0846) or later - To update: copy firmware "Soft" folder to USB → insert in wrapper → Adjust Menu, Download
7		Clear memory (unless pre-programmed) <ul style="list-style-type: none"> - Adjust Menu, Memory Clear
8		Check/Adjust the Lift Height <ul style="list-style-type: none"> - Adjust Menu, Wrapping Machine, Lift tab <ul style="list-style-type: none"> o Lifter Home Pos. → Blue Belt is even with top of Lift Fingers o Lifter Upper Position → Top of Rear Wrap Plate is 0mm-1mm above Lift Fingers Note: Upper Position is adjust by Link Rods at the rear of the wrapper

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Before Delivery		
9		<p>Film Setup [Upper + Lower]</p> <ul style="list-style-type: none"> - Film Width → Adjust Menu, Wrapping Machine, Film tab, press Set Upper/Lower Film. [2: 350mm / 14 in, 3: 400mm / 16 in, 4: 450mm / 18 in, 5: 500mm / 20 in] - Check & Adjust Insertion Plates alignment → Adjust Menu, Wrapping Machine, Roll tab, Roll Pos. <ul style="list-style-type: none"> o Confirm 1mm~2mm above the white film feed belt and pulleys - Check & Adjust Film Roll Stop Position → Adjust Menu, Wrapping Machine, Roll tab, Roll Stop Pos. <ul style="list-style-type: none"> o Full roll: film position at 10:30 – 11:30 - Check & Adjust Film Roll Grip Spikes <ul style="list-style-type: none"> o Confirm six (6) deep holes → adjust as needed (2.5mm allen hex wrench) - Check & Adjust front film alignment <ul style="list-style-type: none"> o Confirm film is even with or inside the front edge of the Cutter blade o Adjust Film Shaft Hubs as needed (3mm allen hex wrench)
10		Install Wireless option (p/n 170990) → refer to included instructions.
11		<p>Program IP Address → Setup Menu, Machine No.</p> <ul style="list-style-type: none"> - Set IP Address, Subnet, etc. → IP Addr. tab - Set PC IP Address, Port No., Comm Check Time Out, etc. → PC Comm tab - Set WiFi Encryption, ESSID, and Key → WiFi tab
12		<p>Load Data Files</p> <ul style="list-style-type: none"> - If available load by USB Memory stick, SLP-5, or Maintenance Utility <ul style="list-style-type: none"> o PLU file, Function Keys, Presets, etc. o Tray file o Label Formats o Logo Images - By USB Memory stick → Setup Menu, File Save/Load
13		<p>Labels</p> <ul style="list-style-type: none"> - Adjust Label path width → center the labels Right/Left - Edit label format as needed → SLP-5 Maint. Utility (Setup Menu, Label Format) - Set format number → Setup Menu, Label Comb. Basic tab, Format No. - Check / Adjust label pickup rollers → labels must not curl up - Check Label Gap sensor graph → Adjust Menu, Printer, Label Feed tab, Detail - Set threshold 2/3 up the "spike" → Adjust Menu, Printer, Label Detect Gap - Test / Adjust label pick up <ul style="list-style-type: none"> o Amount of label on backing paper → Adjust Menu, Printer, Label Feed tab, Pre-Stop Pos. o Label Pickup Position → Adjust Menu, Label Applicator, Pos. tab, Non Print Check o Testing picking and applying → Adjust Menu, Label Applicator, Action tab, Run
14		<p>Calibrate Camera</p> <ul style="list-style-type: none"> - Adjust Menu, Camera - Initialize the Camera → Adjust tab, DETECTION INIT. button - Calibrate the Camera → Adjust tab, AUTO ADJ. (BRIGHT) + (DISTORT) buttons - Flicker check → Blink tab, tray on platter (Length: 12 or less, Width: 6 or less) - Offset adjustment → Offset tab, 20/30/40mm tray on platter, Side Gap = 0, set Offset Length and Offset Width [Use camera calibration block if available p/n 155149] - Calibrate the Volume sensor → Volume tab, AUTO ADJ. (VOLUME) button

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Before Delivery		
15		Set Discharge Pusher profile - Adjust two Pusher sections to the profile of the deepest tray
16		Tray Programming - Program or adjust trays → Program Menu, Tray, Detail button, Auto tab - Set Label Position → Program Menu, Tray Detail, Label Regis button
17		Remove Lift Fingers - Remove any fingers that are not needed to support trays
18		Install membrane 10-Key cover (as needed)
19		Miscellaneous Programming - Time/Date → Adjust Menu, Time & Date (Time Zone – 495344 at menu to unlock) - Store Name & Address → Program Menu, Store - Function Keys <ul style="list-style-type: none"> o Program Menu, Preset Key, Bottom Side: Label Chng, Prep Clean, Infeed Spd, Auto Tray, Volume, Calculator, Return. o Program Menu, Preset Key, Function: Label Pos., Dial Adjust, Error Log, Raise Lift (Top), Raise Lift (5mm), Horiz/Vert. Labeling, etc. - Category Keys → Program Menu, Category Presets
20		Miscellaneous Settings - Film Centering & Film Length → Adjust Menu, Wrapping Machine, Film tab - Passwords → Setup Menu, Password - Totals → Setup Menu, Data Storage, Total Add tab - Auto Program → Setup Menu, PLU Overwrite <ul style="list-style-type: none"> o Infeed Speed, Auto Detect, & Tray Number = Yes - Barcode Format → Setup Menu, Barcode, POS Code tab, POS Format - PLU Search → Setup Menu, Operation Setting, Call1 tab, Find PLU - Tare 1 or Tare 2 → Setup Menu, Operation Setting, Prod. Tab, Tare Select - Zero Price → Setup Menu, Error Process, Issue tab <ul style="list-style-type: none"> o Printing At Zero Price o Display Error: Zero Price - Forced Tare → Setup Menu, Error Process, Issue tab, Display Error: Tare Not Set - PLU Name Too Long → Setup Menu, Error Process, Issue tab, PLU Name Over - Missing Message Error → Setup Menu, Error Process, Call tab, Error Process - Thermal Head Error → Setup Menu, Error Process, Common tab, Damaged Thermal Head - Keylock → Setup Menu, Keylock - Standby Mode <ul style="list-style-type: none"> o → Setup Menu, Standby Mode, Sleep Start Timer o → Program Menu, Scheduler, Detail button, set Schedule, Action = SLEEP
21		Data Backup - Perform backup to a USB Memory stick → Setup Menu, File Save/Load, Scale > USB tab

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Step	✓	Procedure
Before Delivery		
22		Packing for transport <ul style="list-style-type: none"> - Thread level legs - Remove Film and Labels - Secure all moveable components <ul style="list-style-type: none"> o Label Applicator o Infeed conveyor o Spacer between Front and Rear Film Feeders (right side) - Lower and secure the Exit Stock Conveyor - Wrap main body and printer with film – securing all doors - If the wrapper is not on the original pallet: <ul style="list-style-type: none"> o Secure with straps: <ul style="list-style-type: none"> ▪ Above the takeaway conveyors and below the E. Stop button ▪ Through the caster support brackets ▪ DO NOT place straps above or below the Infeed Conveyor o Lower the Level Legs

Step	✓	Procedure
At The Store		
1		Unpacking <ul style="list-style-type: none"> - Remove from the pallet → remove 4 collar ties (10mm), lower legs, remove two upper 4x4 cross supports (17mm), raise legs, roll to the right side (ramps) Note: A power drill and sockets are recommended - Remove packing material - Install riser kit, conveyors, etc. as needed (p/n 157382)
2		Power <ul style="list-style-type: none"> - Verify incoming power is 200~240V, single-phase, 20A
3		Position Wrapper <ul style="list-style-type: none"> - Locate the wrapper to minimize strong shadows on the scale platter - Place wrapper with 2-foot of clearance on right and left sides - Place rotary tub / pack off table / take away conveyor for comfortable work flow - Level the wrapper with weight evenly distributed on all four legs - Secure jamb nuts to lock legs
4		Calibrate Scale → Adjust Menu, Calibration
5		Set Film [Upper + Lower] <ul style="list-style-type: none"> - Load film rolls - Adjust Film Roll temperature to "room temperature" (60 °F or more) → Dial Adjust
6		Labels <ul style="list-style-type: none"> - Load labels → confirm consistent pick and application (See #13 in Before Delivery)
7		Seal Heater Temperature (330 °F typical, 357 °F max) <ul style="list-style-type: none"> - Operation mode, "Dial adjust" - or, Setup Menu, Wrapper Setting, "Heater Temp."
8		Recalibrate Camera → See #14 in Before Delivery
9		Trays <ul style="list-style-type: none"> - Test all trays with actual product at wrapping temperature - Program or adjust trays - Redetect each tray → Program Menu, Tray File, Manual, press LENGTH under DETECTED
10		Test Scan Labels – print labels and verify scanning

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Step	✓	Procedure
11		Communication <ul style="list-style-type: none"> - Program IP Address → Setup Menu, TCP/IP Setup - Verify connection to store network
12		Data Backup <ul style="list-style-type: none"> - Perform backup USB, Maintenance Utility, and SLP-5 Note: Logo Images are not saved on the CF Card backup

Step	✓	Procedure
Training & Operation		
1		Basic Operator Training <ul style="list-style-type: none"> - Start with the basics → DO NOT overwhelm the operator(s) - Show the operator how to: <ul style="list-style-type: none"> o Recall PLUs o Select trays o Review the touch screen to confirm the information is correct - Then let the operator go to work
2		When things slow down, explain other features: <ul style="list-style-type: none"> - PLU search - Price change - Date change, etc. - Other two modes <ul style="list-style-type: none"> o Wrap only o Label only
3		Continue Training <ul style="list-style-type: none"> - Demonstrate then have each operator do the following: - Film change <ul style="list-style-type: none"> o Emphasize minimum film and no bunching o Show how to gently remove film to avoid Film Detect sensor damage - Label change <ul style="list-style-type: none"> o Including cleaning the thermal head with each roll change
4		Eventually <ul style="list-style-type: none"> - Make sure the RETURN key is understood - Cover error conditions like Tray Detection, Film Over, etc. and how to recover
5		Cleaning <ul style="list-style-type: none"> - Review procedure following Daily Cleanup laminated cards

WM-Ai Installation Check Off List

Adjust menu > Wrapping Machine

WRAPPING MACHINE (FILM)

FILM CENTERING

FILM MATERIAL: < [] >

UPPER: - [] +

LOWER: - [] +

FILM LENGTH

HEATER TEMP.(F): []

UPPER: - [] +

LOWER: - [] +

FILM WIDTH INFO.

UPPER FILM: []

LOWER FILM: []

TRAY SEARCH

ALL TRAY [] \$ TRAY []

→VALID ONLY TRAY BASIS.

[]

FILM LIFT ROLL INITIAL EJECTION

SET UPPER FILM

FEED UPPER FILM

SET LOWER FILM

FEED LOWER FILM

CHANGE ROLL

RETURN

LOADING POS.

CHANGE LIFT

WRAPPING MACHINE (LIFT)

LIFT UPPER POSITION

ORIGINAL LIFT POS.: - [] +

REAR FOLDER

SIDE FOLDERS

1mm

ADJUST THE LIFT UPPER POSITION BY ROD END ADJUSTMENT.

THEN, ADJUST THE LIFT HOME POSITION.

FILM LIFT ROLL INITIAL EJECTION

SET UPPER FILM

FEED UPPER FILM

SET LOWER FILM

FEED LOWER FILM

CHANGE ROLL

RETURN

LOADING POS.

CHANGE LIFT

WRAPPING MACHINE (ROLL)

UPPER ROLL STOP POS.: - [] +

LOWER ROLL STOP POS.: - [] +

UPPER ROLL POS.: - [] +

LOWER ROLL POS.: - [] +

LOWER ROLL LOAD POS.: - [] +

FILM LIFT ROLL INITIAL EJECTION

SET UPPER FILM

FEED UPPER FILM

SET LOWER FILM

FEED LOWER FILM

CHANGE ROLL

RETURN

LOADING POS.

CHANGE LIFT

WRAPPING MACHINE (EJECTION)

CONVEYOR RUN TIME: - [] +

CONVEYOR SPEED: - [] +

FILL SENSOR

YES [] NO []

FILM LIFT ROLL INITIAL EJECTION

SET UPPER FILM

FEED UPPER FILM

SET LOWER FILM

FEED LOWER FILM

CHANGE ROLL

RETURN

START CONVEYOR

CHANGE LIFT

Adjust menu > Label Applicator

LABEL APPLICATOR (POS.)

PRINTER: < [] >

DEGREE SEL: 0 deg -90 deg

PASTE POS. X Y Z

ADSORB POS. ADJ.

LEFT(-) RIGHT(+).ADJ. mm

FRONT(-) BACK(+).ADJ. mm

LEFT(-) RIGHT(+).ADJ. deg

UPPER(-) LOWER(+).ADJ. mm

READY TO ADSORB. NON PRINT CHECK. PRINT CHECK.

PASTE POS. ADJ.

LEFT(-) RIGHT(+).ADJ. mm

FRONT(-) BACK(+).ADJ. mm

LEFT(-) RIGHT(+).ADJ. deg

LABEL HEIGHT mm

PASTE CHECK

POS. ACTION INIT. RUN

RETURN

LABEL APPLICATOR (INIT.)

PASTE COUNT

PASTE COUNT CLEAR

APPLICATOR INIT.

RESULT INITIAL

FAN OFF TIME MIN. VOLUME mm

PASTE CTRL. PASTE SENS. TRAY H. PASTE H. ADJ. mm LABEL WAIT STAND SMALL LARGE

POS. ACTION INIT. RUN

RETURN