SEALER

INSTRUCTION MANUAL

4-BS-GP881& 2 CONTINUOUS BAND SEALER





1. INSTRUCTION BOOKLET

- 1) Conveyer Table
- 2) Conveyer Belt
- 3) Conveyer Height Regulate Knob
- 4) Conveyer Belt Track Adjust Knob
- 5) Fixed Working Plate
- 6) Power Breaker (NFB)
- 7) Fuse Holder For PCB
- 8) Power Supply AC outlet
- 9) Emergencr Push Buttom
- 10) Conveyer Power Switch
- 11) Fan Cooling Switch
- 12) Heat Sealing Switch

- 13) Imprinter Switch
- 14) Speed Adjust Knob
- 15) Sealing Temperature Controller
- 16) Sealing width Regulator
- 17) Pressure Knob (Knurl Wheel)
- 18) Handler
- 19) Safety Cover
- 20) Conveyer Pull/Push Slide Knob
- 21) Control Panel
- 22) Sealing Belt Tension Adjust Screw



SET UP INSTRUCTION

1. After unpacking your sealer. Place the unit on a level and stable surface. WHEN YOU OPENED YOUR CARTON YOU SHOULD HAVE FOUND THE FOLLOWING:

*Band Sealer *Operation Manual *Power Supply Plug Spare Parts: Sealing Belt, Guiding Belt, Rubber Wheel, Printing Wheel, Speed Adjust Board (PCB), 2A Fuse, Motor Brush. Spare Kit: M4 Allen Wrench, Hook Spanner, Un-adjustable Spanner.

- 2. Connect power supply plug to AC outlet.
- 3. Adjust the conveyer table height and position according to your packing size needed, then fixed in axel hole screw nut use tool of hook spanner.
- 4. According to the sealing width desired, regulate the position of the sealing width regulator.
- 5. Turn on the power breaker (NFB) to ON position.
- 6. You are now ready to begin sealing.



2.

OPERATING INSTRUCTIONS

- 1. Once all your connections are made, you are ready to begin.
- 2. Turn on conveyer Power Switch. Yellow light appears. Meanwhile, adjust speed knob all belts working synchronously.
- 3. Micro adjust the pressure knob of knurl wheel, and then make it operate regulate the pressure to appropriate level.
- 4. Turn on heater switch. Yellow light appears. Temperature controller will heat until red light flash. Set heating temperature according to the material and thickness of packing bag. (We can get the flexibility of regulating the temperature because of the adjustable speed)
- 5. Put level the sealing side of the packing bag, convey then inward, lined with the width regulator until gripped on the belt, the sealing sides can move forward automatically. At than moment, please not push in or pull out by force. Otherwise irregular sealing or breakdown will happen.
- 6. Turn on the fan cooler switch or not in according to the material and thickness of packing bag.
- 7. When we find the Sealing Belt or the heating block adhered dirty, we'd better stop the sealer and clean it.

4. CONSTRUCTION DIAGRAM



MAIN BODY



CONVEYER TABLE



PARTS LISTS

MAIN BODY PARTS LISTS

- 1) Front Panel
- 2) Knurl Wheel Holder
- 3) Knurl Wheel (Printing wheel)
- 4) Guide Driven Wheel Draft
- 5) Guide Driven Wheel
- 6) Guiding Belt
- 7) Rubber Wheel
- 8) Main Driving Wheels
- 9) Sealing Belt
- 10) Cooling Block
- 11) Heater

- 12) Heating Block
- 13) Driven Wheel
- 14) Driven Wheel Shaft
- 15) Driven Wheel Bracket
- 16) Oil Sealer For Turbo Shaft
- 17) Turbo Shaft
- 18) Turbo
- 19) Oil Sealer For Turbo
- 20) Cooling Fan
- 21) Gear Set

CONVEYER TABLE PARTS LISTS

- 22) Conveyer Belt
- 23) Front Shift of Conveyer Belt
- 24) Front Roller
- 25) Gear Wheel
- 26) Shaft Holder
- 27) Back Shift of Conveyer Belt
- 28) Back Roller
- 29) Conveyer Belt Track Adjust Knob

- 30) Adjust Bolt of
 - Conveyer
- 31) Holding Ring
- 32) Conveyer Table
- 33) Umbrella Gear
- 34) Shaft Holder
- 35) Vertical Shaft
- 36) Umbrella Gear Holder

HOW TO ASSEMBLY VERTICAL SEALER

1. Clamp the 2 tripods and 2 crosspieces with screw M4, with the concave of the tripods inward and the two crosspieces downward.

6.

- 2. Loosen the push and pull knob of the conveyer table. Pull out the conveyer table, remove the knob and the clamping screw, and then remove from the main body H bracket.
- 3. Assemble the conveyer table bracket on the vertical tripods, then fasten the clamping screw 2xM8.
- 4. Assemble the vertical long shaft replacement the horizontal short shaft then fixed the umbrella gear base to conveyer table.
- 5. Put the long shaft into the axel hole of the sealer body, while horizontal body H bracket into the tripod support. Assemble and fasten the height regulator knob.
- 6. Vertically place the sealing on level and surface, then the vertical sealer can work.



HOW TO ASSEMBLY CONSOLE SEALER

- 1. Assembly four the wheel in lower frame base.
- Install two the lower frame on the crosspiece with the clamping screw 8xM8. Put the upper frame into the slot of the lower frame. Assemble four regulate knobs and adjust the frame height.
- 3.Remove the rubber pad of the sealer bottom then put the sealer on frames set with 4xM5 screws.



(ME-883BS)

- 1) Wheel Base
- 2) Lower Frame
- 3) Frame Height Regulate Knob
- 4) Upper Frame
- 5) Crosspiece
- 6) Conveyer Height Regulate Knob
- 7) Conveyer Belt Track Adjust Knob
- 8) Conveyer Table





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To replace burnt out Sealing Belt please follow these instruction: REMOVE PLUG FROM ELECTRIC OUTLET USE ONLY GENUINE REPLACEMENT PARTS



- 1. To replace Sealing Belt
- a) Remove the safety cover and turn the absorber of heater and cooler set in the direction of A and A1, then turn nut to rise the driven pressure wheel in the direction of A2. Push the guiding wheel in the direction of B and remove the guiding belt.
- b) Push the driven wheel in the direction of C. Remove the sealing belt.
- c) Assemble the new sealing belt, and replace the upper /lower guiding belt.
- d) Return the driven pressure wheel and the heater and the cooler to the original position.
- e) Turn on the conveyer power switch, operate the pulley, which drives the belt and begin to test the machine. If irregular sealing track appear on the belt, we can make an adjustment with the through screw of driven wheel bracket in the direction of D.
- f) Equipped with the safety cover, the machine can work continuously after heating.
- 2. Replacing the printing wheel and ways of changing words.
- a) Remove the safety cover, Loosen the pressure knob of knurl wheel.
- b) Remove the lower and upper guiding belts, as well as the unfixed screw on knurl wheel shaft.
- c) Pull out the knurl wheel with hands left the wheel bracket, separate the knurl wheel and rubber wheel. Then assemble the printing wheel or do it after changing printing words.
- d) Assemble removed parts in step (b) and (a). Adjust the pressure knob of the knurl wheel (printer wheel). And then we can trial-start the sealer.

10. CAUCTIONARY MARKING

CAUTION:

- 1) To reduce the risk of shock, disconnect the unit from the supply circuit before servicing the replacement of the heating element.
- 2) To provide continued protection against risk of electric shock, connect to properly grounded outlet only.

WARNING:

- 1) A live heating element is located in the heating block under the safety cover. Use caution during operation. DO NOT TOUCH THE ELEMENT.
- 2) For Continued Protection Against Fire or Electric shock, Replace Only With Type Cartridge and 2 Ampere Fuse, provided in legible adjacent to fuse holder.
- 3)If the suppy cord is damaged, it must be replaced by a special cord or assemble available from the manufacturer or its service agent.

11. HOW TO STOP THE SEALER

In order to prolong the service lift of the sealing belt, we are required to return the temperature controller regulate to zero position and turn on the fan cooler switch before stopping the sealer. At this moment let the temperature indicator begins to fall, the sealer belt is still operating about several minutes until the temperature drops below 100C, we can turn off the power switch of the sealer.



| MODEL | 881BS | 882BS | 883BS |
|-----------------------|--------------------|--------------------|--------------------|
| Max. Seal Speed | 12 M/min (39'/min) | 12 M/min (39'/min) | 12 M/min (39'/min) |
| Seal Width | 10mm | 10mm | 10mm |
| Conveyer Table Width | 150mm/300mm* | 150mm/300mm* | 150mm/300mm* |
| Temp. Range | 30-300°C | 30-300°C | 30-300°C |
| Seal Line Form Open | 0-40mm | 0-40mm | 0-40mm |
| Max. Seal Thickness | 2x0.4mm (PE) | 2x0.4mm (PE) | 2x0.4mm (PE) |
| Max. Seal Height | | 280mm | |
| Belt Loading Capacity | Under 6Kg | Under 6Kg | Under 6Kg |
| Watts (W) | 550W | 550W | 550W |
| Weight (N.W.) | 25Kg | 29Kg | 32Kg |

*Conveyer Table 300mm is available in upper all model.

14. SEALING TEMP. FOR PLASTIC MATERIALS

There is a relationship between among the sealing temperature, sealing material and sealing speed. The thicker bag material will be required higher temperature and lower sealing speed.

| Materials of Plastic Bags | Temperature of Sealing | |
|---------------------------|------------------------|--|
| PE | 110°C-150°C | |
| PP | 130°C-180°C | |
| PVA | 150°C-170°C | |
| PS | 140°C-180°C | |
| Hard PVC | 150°C-180°C | |
| Soft PVC | 100°C-110°C | |
| Moist Proof Poly Paper | 110°C-165°C | |
| Poly Paper | 130°C-165°C | |
| Aluminum Paper | 170°C-210°C | |