

Operating Manual

Continuous Band Sealer (Horizontal Orientation)

Model No: FR-600A

Figures 1, 2 and 3 shown below will familiarize you with the various parts of the FR-600A continuous band sealer.



Figure 1: Component Descriptions 1-4

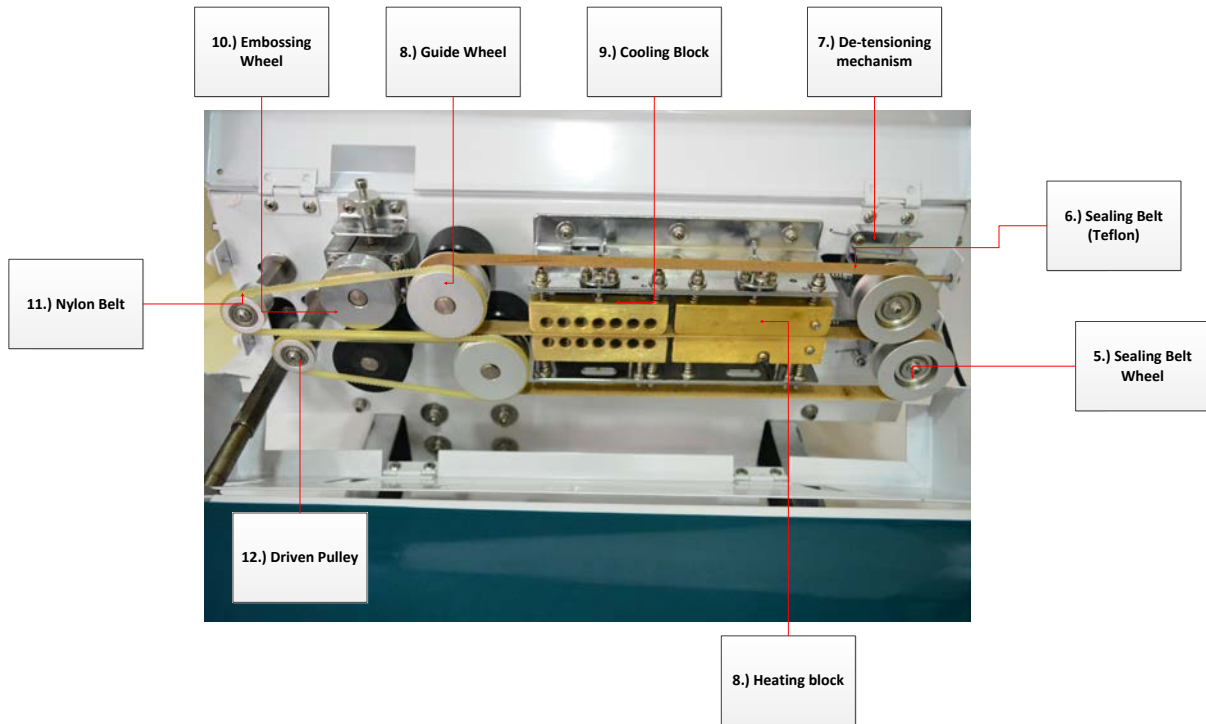


Figure 2: Component Descriptions 5-12

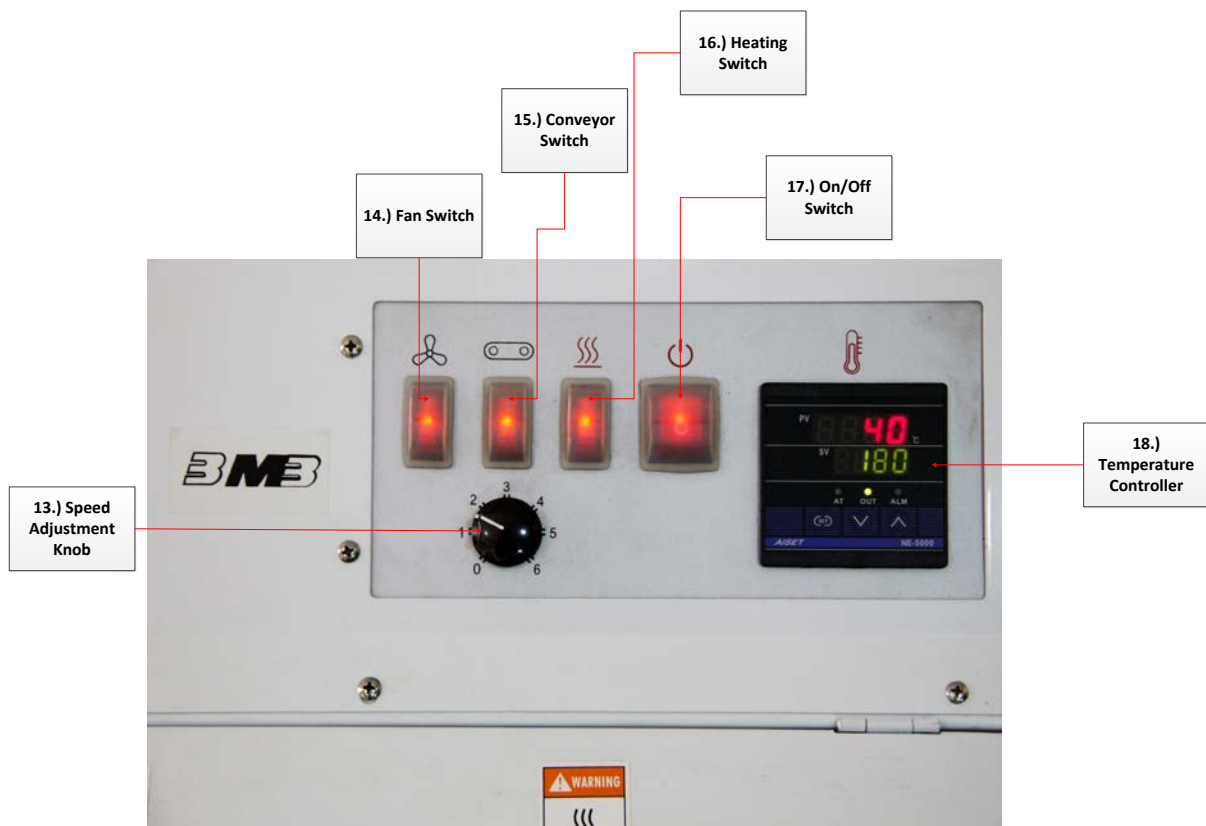


Figure 3: Component Descriptions 13-18

Note: This machine is suitable for clients with high volume production of at least 20,000 bags per day. Bags made of varied material can be sealed by adjusting the temperature and/or the conveyor speed.

Starting Instructions

- Plug in the 3-pin socket into a 220V power supply
- Turn on the machine (Part No: 17)
- Turn on the cooling fan (Part No: 14)
- Turn on the heating switch (Part No: 16)

Operating Instructions

- Once the heating switch is on; set the temperature on the controller (Part No: 18) by clicking on the 'SET' button
- Increase or decrease the temperature using the arrow keys to an appropriate value; we recommend a temperature of around 160 degrees Celsius for an initial trial
- Wait for 2-4 minutes till the set temperature has been reached and then turn on the conveyor switch (Part No: 15)
- Adjust the speed using the knob (Part No: 13); we recommend a speed of 3 for an initial reading
- Now place the bag between both the sealing belt wheels (Part No: 5) and let the belts (Part No: 6) carry the bag through the heating block, cooling block and embossing block (Part No's: 8, 9 and 10)
- Observe the seal quality and test if it's completely airtight
- If the seal is not secure, increase the temperature and/or conveyor speed; alternatively, if the bag has melted, lower the temperature and/or conveyor speed until the desired seal has been achieved
- Commence production at this setting until your bag material/thickness changes in which case temperature and conveyor speed adjustments will be required (Repeat above steps)

Precautions

- While running the machine, operators should stay well clear of the heating block
- Always make sure that the cooling fan is turned on during production
- When shutting down the machine; turn off the heater first and keep the cooling fan and conveyor running for approximately 10 minutes before completely turning the power off (This ensures even heat distribution)
- While carrying out maintenance work or part replacement, make sure that the heating block is cooled to room temperature and the machine is turned off

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