

The Compass laminators always had to run slow and took a long time to heat up. They take almost 30 minutes from dead cold to get to temperature. So if the customer can time it then I'd know if it was ok, if it is in the 20-30 minute range for warm up time from cold it's working properly. Once they are warmed up and not used they drop to 180 degrees after 20 minutes and stay there for about another 40 minutes (Energy Saver State), so they can warm up quicker if they need to be used again in the near future. After that time they auto shut-off to save energy and as a safety feature so you don't accidentally leave it on all night or all weekend.

Speed wise they can laminate at about 4 ft per minute with 1.5 mil film. They use an infrared sensor so yes, the heat display will drop right away because you are using heat. All machines drop temperature right away, but with the infrared sensors you can see it immediately as it is much more accurate and reading the actual surface temperature of the roll, not the roller core. I usually ran them around 280 degrees set temperature. I might vary that 10 degrees either way depending on the film quality but that works well most of the time. They will run until the temperature gets down to about 240-245 (If you are set at 280) and then the machine will stop so you don't ruin what you are laminating.

Once the heat gets back to about 270 you can start laminating again. That will only happen (Machine stopping) if the speed is set too high and you out run the heat capacity of the laminator.

Remember thicker films use up more heat so they need to be run a bit slower.

If you run them at too low of a set temperature (Say 240 degrees), you don't have enough headroom and they can get too cool before they auto-shutoff.

Set it at 280 degrees and 4 ft a minute with 1.5 mil they will go from 280 degrees when you start laminating down to about 250-255 degrees and then it will start to warm back up after a couple minutes, even if you are laminating continuously.

That keeps it warm enough so the lamination will be fine. Film has a 50 degree window where it will run fine.

As long as the lamination is sticking well you don't have to worry about a 30 degree temperature swing, that's normal.

The speed indicator is not in feet, it's in percentages of full speed of the laminator. So 12-15 may be fine.

12-15 on the speed indicator sounds about right.

The heat control will shut the machine down if one of the heaters went out as it wouldn't heat up fast enough and the control would sense that, throw a "Wrench" in the display, and stop.

As far as the fan graphic in the display that's normal. When you are laminating the fan automatically comes on. That graphic is just indicating that it is working.