

# Green Machine 9500



Caslon Limited • Caslon House • Lyon Way • St. Albans • Herts • AL4 0LB • UK

T: +44 (0)1727-852211 • F: +44 (0)1727-855772

E: sales@caslon.co.uk • W: www.caslon.co.uk

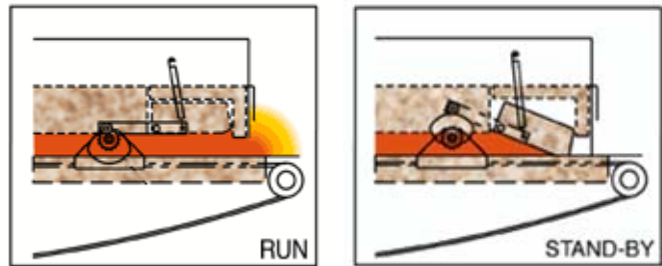
The 9500 Green Machine offers the same level of quality and energy saving enhancements as the larger models but it is only 3.75 metres long and still has excellent productivity with its patented 9,500 watt heater.



It can be moved between presses, and the patented heater design has insulated oven doors to reduce heat

loss and give its incredibly fast heat up time. The bottom heater rlocated at the end of the oven, educes paper curling problems. Patented, two-sided thermography pins are fitted as standard equipment, allowing products to be raised on both sides without damaging the quality or dirtying the conveyor chain.

Insulated heater doors at each end of the heat tunnel automatically close to restrict heat loss while in Standby mode. This means the work area stays cooler, heat up time is more rapid, and the electricity required to hold the set temperature in the heater is reduced dramatically. Compared to other machines the GM9500 gives the operator a more comfortable work environment and costs significantly less to run.



The stainless steel conveyor chain pulls a tremendous amount of heat out of the heat tunnel. This is caused by air flow from the chain and absorption by the chain. A unique "Drive Guard" feature on the Green Machine automatically reduces the conveyor speed while in "Standby". By lowering the conveyor speed, air flow through the heater is dramatically reduced. Drive motor power consumption and the wear on the entire drive system is reduced by 50%.

Energy saving features don't mean a thing if you can't get your operator to use them so all the energy saving features on the Green Machine are interfaced through a single, "Run/Standby/Automatic" switch. By connecting the Green Machine to your press and operating in the "Automatic" mode, all these features will be activated and deactivated, without operator intervention, as the press feed starts and stops. This is a patented feature to ensure maximum efficiency while minimising maintenance and wear.

Paper curling problems have been around since Thermography began. Extending the length of the heater has never solved the problem as it happens when intense heat is applied to one side of a sheet. The moisture is removed and paper fibres contract on one side due to this uneven heating and the paper curls. Regardless of the heater type used the problem remains that heat is concentrated on only the heater side of the sheet.

By adding a second heater beneath the conveyor to heat the paper more uniformly, paper curling is reduced. This has the added advantage of reducing the risk of curled paper touching the heater and catching fire. It also increases production as the heat in the substrate helps to warm the powder from underneath.

The GM9500 has a slot for a UV system allowing the printer to use a special powder that cures to produce beautiful Thermography that is laser resistant.

The Green Machine adds value to your print and uses significantly less power than any other machine on the market. Switch to a Green machine—cut your costs and increase your profits !