

ThermoTech 20 Thermography Machine



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The ThermoTech 20 has been designed to meet the requirements of modern day Thermography companies and their operators. Built for heavy duty operation its many features include, among other things more precise operator controls, better energy efficiency and more enhanced mechanical & electrical safety features than any other Thermography machine available today. A much reduced maintenance requirement increases production and minimizes down time.



The ThermoTech 20 has a double hinged infeed allowing it to fit all presses. The touch of a button, at either end of the machine, will stop the infeed and powdering system giving the operator a safe working environment whilst setting the press or changing powders. The cooler section is pre-configured to accept a UV curing lamp and a unique paper ejection system ensures consistent delivery no matter which stock is used. A CE compliant low voltage electrical circuit enhances the safety of this unique machine with emergency "Stop" Switches at both ends.

A high capacity powder hopper provides two powder curtains which give a more even and consistent coverage. A micrometer adjustment switches the curtain width between 380 mm and 508 mm.

The powder pick-up head features large diameter "trackless" wheels to reduce the potential for paper jams and powder tracking on the sheet. A lever on the operator side allows the gap between the pick-up head and the powder blanket to be adjusted instantly. Vacuum suction can be adjusted via a control on the exhaust which is then filtered through a discharge bag.

Large diameter conveyor rollers with self aligning bearings are used throughout the machine. To minimize conveyor wear, a patented "Drive Guard" feature decreases conveyor speed and switches off superfluous motors during standby periods.

Two separately controlled heating elements are fitted in the heavily insulated 2.03 metre long heat tunnel. They generate over 27,000 watts giving the operator perfect control over heat and dwell time.

The ThermoTech 20 features a three year warranty and includes double sided Thermography pins as an option.

Specifications

Machine Length	777 cms	UV Capability	Yes - requires optional UV light
Maximum Paper Width	50.8 cms	Total Voltage	380/440 Volts
Heater Wattage	27,000 watts	Total Amps	75 amps
Heater Length	203 cms	Phases	3

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