

SOLID COLOR - SPIRAL STRIPE - PRINT HASH MARK - BAND MARK - SPARK TEST

The new Codemaster delivers a superior end product in less time. Set-up time has been reduced too. Speeds range from 0-500 FPM with full, constant torque from 30-500 FPM. Full wave SCR motor speed controls. Automatic current limiting drive protection. Take-up is independently powered and electrically adjustable even when equipment is in operation, with separate control dial for selected takeup tension, adjustable for small, medium or large wire.



Digital Display: The digital readout indicates RPM of the striping head, FPM of wire and the ratio of the two, in stripes per foot (metric available).

Payoff: Electrically adjustable tension with separate control dial. Adjustable while machine is operation.

Wire Counter: Predetermined counter for automatic shut-off at a pre-selected footage, designed with By-Pass switch, measured in feet, (metric available).

Wire Sensor Switch: Automatically stops machine when end of wire, knots and/or other defects are detected. Adjusts easily for various wire sizes.

OTHER STANDARD FEATURES:

Takeup and Payoff Shafts: ¾" and 1¼" interchangeable shafts. ¾" shafts accepts spools sizes up to 10" O.D., widths to 16", ¾" to 2 1/8" core hole diameter. 1¼" shafts accepts spool sizes up to 24" O.D., width to 16", 1¼" to 2¼" core hole diameters. ¾" and 1¼" equipped with locking cones and drive cones and forks.

ACCESSORIES:

Solid Coloring: Immersion applicator with automatic drop tank – removable pulleys for easy cleaning – variable immersion for optimum color at a variety of speeds.

Printer: Prints on both sides of the wire. Includes alpha/numeric printing, hash marking, band marking, longitude striping and dotting.

Spiral Striper: Striping head with Wheel Angle Calculator – 100% helical striping – one to three colors simultaneously – large ink capacity – self adjusting to knots and different wire sizes – DC motor and belt drive – separate speed control dial – striping wheel widths available from .005" to .060" wheel angle adjustable from 0-30° for optimum stripe clarity and coverage.

Quick Change Accessory: For easy and quick removal of striping head to mount printer or applicator under sintering oven.

8' Heat Tube: For use over immersion applicator – dries wire faster – automatically retractable – 230 volts AC, 22 amps. 50/60 cycles, single phase.

Sintering Oven(s): Used in conjunction with solid coloring, spiral striping, and printing operations – available in five foot sections – temperature range up to 1200°F – Automatically retractable – individual automatic electronic on/off temperature controller per section – 230 volts AC, 20 amps, 50/60 cycles, 3 phase.

Solid State Contactor: For Use with sintering ovens – features zero cross-over turn on with complete solid state reliability – infinite cycle life with fast cycle ability to maintain close temperature tolerances.

Oven Tower Extension: For optimum drying speeds and customer ceiling height requirements, Available in 3' sections.

Levelwind: Electric relay reversing mechanism with independent DC motor, separate speed dial adjustable while in operation for even and infinite variation of lay on takeup spool. Adjustable for various spool widths, up to 16".

OSHA Painted For Safety: Console painted blue, external pulleys painted orange and caution areas painted yellow. Chains and motors enclosed for optimum safety.

Capstan Drive: For constant wire speed throughout wire processing operation with minimum wire tension. Constant tension control.

Takeup: Tension adjustable.

Stainless Steel Apron: In potential ink spillage area.

Wire Threader: Allows operator to remain at floor level while threading wire through sintering ovens.

Teflon Coated Pulleys: Recommended on drying towers for some color coding applications.

Wire Pre-Heater: Natural gas or propane flame – automatic shutoff when machine stops – includes flame guard, thermo pilot relay and 3 second ignition delay relay.

Insulation Spark Tester: High frequency sine wave insulation spark tester shuts off the system when fault is detected, or "counts only" without stopping takeup process – UL and CSA approved.

Memory Counter: A 6 digit counter to log total wire processed for selected time periods. Manual lock and reset feature.

SPECIFICATIONS:

Spool Sizes: 6" to 24" O.D. width to 16". ¾" to 2 1/8" core hole diameters.

Wire Sizes: Up to ¼" O.D. multiple conductors, non-rigid.

Speed: 0-500 FPM

Electrical: Console – 115 volts AC, 20 amps. 50/60 cycles, 230 volt single phase.

Sintering oven – 230 volts AC, 32 amps. 50/60 cycles single phase per section.

Heat Tube – 230 volts AC, 22 amps. 50/60 cycles single phase only.

(Ovens available wired for 3 phase).

Dimensions: 72" long, 30" wide, 60" high, 38½" to work surface.

Weight: Console: approximately 1100 pounds.

8' Heat Tube and dual Sintering Ovens: approximately 550 pounds.



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