

Reciprocating Coders

RCN Coders, for Intermittent-Motion applications, produce sharp, fast-drying marks on products and packaging film. These coders print from one to three lines of small-character text directly on your products with a wide selection of ink types and colors. Mark on a variety of surfaces including: boxes, bags, jars, cans, labels, blister packs, and small plastic or metal parts.

We offer four basic types of RCN Coders: *Basic*, *Electric*, *All-Air* and a combination *Electric/Air*. These coders work well with intermittent-motion conveyors or off line semi-automatic operations, marking up to 80 products per minute. Use neoprene DiLok type and ink cartridges with quick-drying inks.

The Basic

RCN/1S and RCN/2S have no triggering controls and use the four-way valve and timing device from your existing equipment. Easy to install, the RCN Basic provides four mounting holes for stable connection to the parent equipment. On-line operation is simple and reliable. When the coder is triggered, compressed air moves the shaft down so the type contracts on the printing area, then as the shaft is moving up, re-inks the stamp and rotates the ink cartridge.



All-Air

RCN/1AC and RCN/2AC
 These all-air powered systems include a product detector switch and self-cycling air logic assembly. For a consistent, high quality mark, a dwell adjustment knob controls the time the printhead stays in contact with the product surface. The all-air system is popular for heavy products or applications where electricity is not readily available or not desired.

Electric Auto-Cycle

RCN/1EC and RCN/2EC
 These complete systems use a detection switch to activate the solenoid valve allowing air flow to the coder. For optimum mark legibility, the time delay logic control can be adjusted from 0 to 1 seconds to set the time the type holder is in the extended position before reversing the air flow to allow the type holder to retract and complete the cycle.



Electric/Air

RCN/E and RCN/2E use a 115VAC electrical impulse to control air flow and complete the printing cycle. You can trigger the unit with a simple cam-operated micro-switch or use the detection timing circuit found in most packaging equipment such as cappers, labelers, bag makers and form-and-fill systems.

HQC Hot Ink Coders



For Continuous Motion Applications

HQC Coders are pneumatically operated reciprocating coders which utilize a unique hot ink system. Dry to the touch ink rolls are heated inside the coder which makes the ink fluid. These coders are capable of marking on products in motion at speeds up to 230 feet per minute (70 meters per minute). The hot ink impressions dry instantly at normal room temperatures. A removable type block with a 12 mm x 24 mm print area enables codes to be set off-line using a special high temperature Ribtype. A unique feature of the Hot Ink system is that the impressions can be made right through condensation or moisture on the product surface. This provides an ideal coding solution for marking frozen food packages and water bottles.

THE LABEL GUY

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