

Technical Bulletin

Non-Porous MidSize Coders

U.S. PATENT NO. 5,109,769 E.P. PATENT NO. 0508971

Model Shown: MS-120NI-NPRT

Right Hand Top Mount



Universal's line of Non-Porous MidSize Coders were designed to satisfy specific application requirements and supplement the capabilities of our other Non-Porous coders. Our patented non-porous inking system design enables the use of extremely fast drying alcohol base inks with drying times typically in the 2 second range at 75 Deg. F. ambient temperatures.

The Midsize Coders are precision machined entirely from aircraft grade aluminum alloys and stainless steel for extreme durability, no castings are used. Sealed ball bearings ensure smooth rotation of both the print drum and the anilox roll to minimize the drive force required for operation, a very important feature when printing on thin web materials.

The mounting configurations are not interchangeable for these coders so you must specify either right-hand or left-hand mounting configurations and either top or side mount styles.

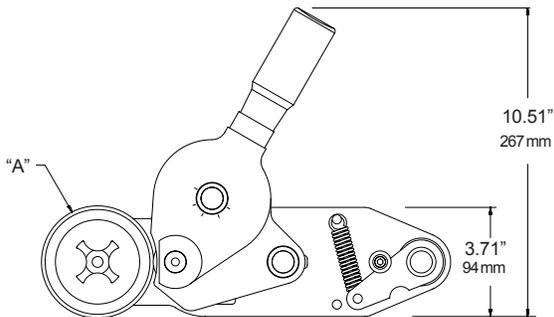
For web printing applications, interchangeable print drums on the Midsize Coder will provide either 12", 15" or 18" print repeat intervals with a single printing die mounted on the drum and are available with 1" or 2" print widths.

Exclusive Features

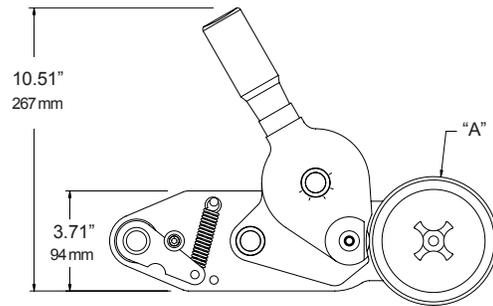
- Long frame design & extended deflection capability to print on the sides of large metal or plastic drums as they travel down a belt conveyor.
- Unique cam index mechanism on indexing models will index after being driven just over 50% of the print drum circumference. Best suited for carton sealing equipment, slow moving conveyors & short cartons.

Non-Porous Coder Model	P.D. Circumference	DIM "A"	DIM "B"
MS-120	12"	3.82" (97 mm)	13.94" (354mm)
MS-150	15"	4.78" (121mm)	14.41 (366mm)
MS-180	18"	5.75" (146mm)	14.90 (378mm)

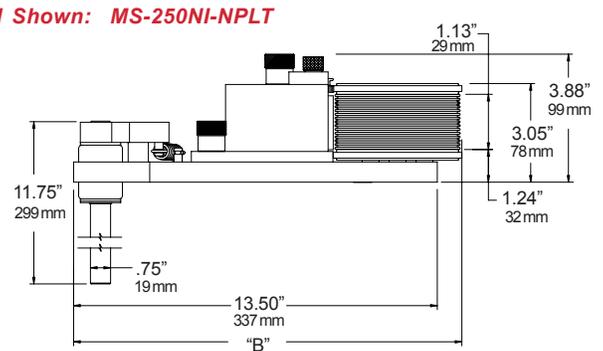
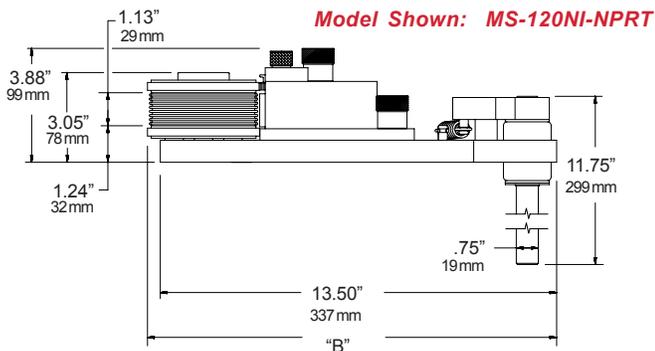
Non-Porous Coder Model	P.D. Circumference	DIM "A"	DIM "B"
MS-220	12"	3.82" (97 mm)	13.94" (354mm)
MS-250	15"	4.78" (121mm)	14.41 (366mm)
MS-280	18"	5.75" (146mm)	14.90 (379mm)



Model Shown: MS-120NI-NPRT



Model Shown: MS-250NI-NPRT



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