

ISO-BAR 3C ROD COATER



**KOHLER
COATING**

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The Iso-Bar 3C is a rod coater with the corrugator in mind. Precise coatweight control is combined with an efficient, rugged design to make a flexible, easy-to-use coating station for webs up to 115" wide. Coating is applied to a running web by an

applicator roll, and then metered using a rod air-loaded against a backing roll. Gross coatweight control is achieved by using different diameter metering rods. Fine control involves changing the rod loading pressure, eliminating coatweight problems caused by tension variation. Line speeds up to 1000 FPM are possible

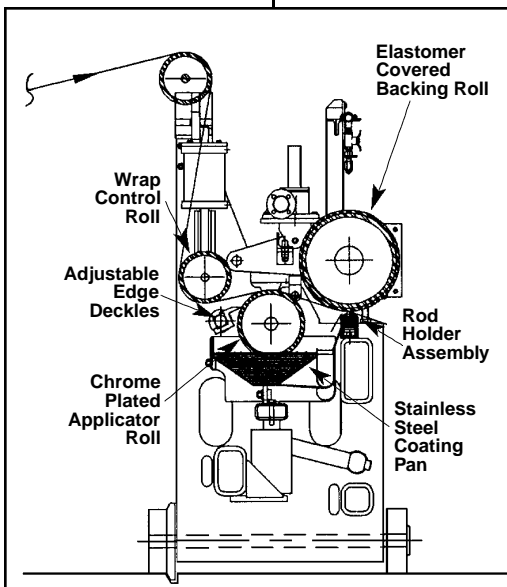
with a wide range of solids, viscosities and coatweights.

The Iso-Bar Rod Holder is a proprietary extruded plastic shape with a

rod groove and a circulation groove machined into it. Iso-Bar Chrome-Plated Coating Rods can be smooth, grooved or wire wound. Kohler Iso-Bar rods and holders consistently have service lives several times that of other designs. This is due, in large part, to the low friction characteristics of the plastic holder, and the efficient removal of contaminants from the rod surface. The Iso-Bar applying section is equipped with adjustable edge deckles to run the web with dry edges regardless of width. One or two wrap control rolls are furnished. Raising or lowering the wrap control roll adjusts the amount of wrap on the applicator roll. The application pan is designed to circulate coating to eliminate dead zones in the pan. A chrome plated roll is also furnished. The elastomer covered backing roll gives the rod a resilient surface to push against to meter the coating.

The machine can be designed for threading either straight-through, or with a return pass.

* *Optional Wet Lamination Nip Available*



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