

Composite Track for Pulp and Paper Mill



Papermakers can now rely on a completely integrated system for total paper mill control from incoming raw materials to customer delivery. Measurex produces unique scanner designs for highly accurate measurement of all paper quality properties: optical, structural and physical.

The scanner heads traverse on opposing continuous composite tracks which span the length of the equipment from 22 to 50 feet in length. Glasforms manufactures the composite track to the extremely stringent dimensional tolerances demanded by Measurex. Integral to the accuracy of the scanner, the thickness of the tracks must be consistent to within .005" and the width within a maximum of .008" or .012" depending on the scanner size, model and track design. Additionally, the top surfaces of all 3 track shapes must be straight and flat to within $\pm .003$ " over any 4 foot length. The composite tracks displaced machined steel at a lower cost and eliminate the added cost for paint coatings to protect the steel track from corrosion.

In addition to the composite tracks, the power and signal carrying cables connected to the traversing scanner heads are contained in a custom composite channel over the full length of the equipment. These composite components are 5 times lighter than their steel counterparts thereby reducing the size of the scanners' superstructure. Furthermore, the inherent corrosion resistance of the composite components provide a long, maintenance free service life in the harsh environments of paper mills and other process industries. These exacting standards enhance the Measurex scanning capabilities in over 3,500 proven applications.

Materials: E-glass roving for tracks, mat, roving and veil for channel in proprietary resin formulation

Properties: Dimensional accuracy and stability, low weight and corrosion resistant

Size: .750" x 7.50" x rectangular; .875" x 11.12" x custom shape; 1.50" x 11.12" x custom shape; 3.0" x 4.0" x .18" wall channel

For additional information write or call:

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