

MORLEY

Precision Measurement Solutions for Manufacturers

Mini Case Study: Paper Mill – Roll Repair

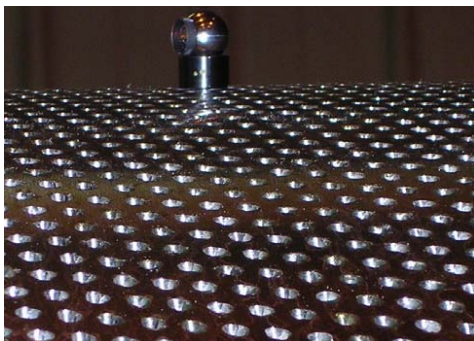
Project: Measure a 1 million hole-pattern on paper mill roll

Location: Metso Paper – Federal Way, Washington

Metso Paper called us in to check a very large paper mill roll with about 1 Million holes that were to be re-drilled on a CNC multi-drill machine. The roll had a precision hole-pattern around the surface of the outer diameter. Information was needed to ascertain whether the hole-pattern was correct before moving to the next phase of the project. A nest was customized to fit the diameters of the holes and measurements were taken at different distances and angular rotations. The data was analyzed and adjustments were made so the drilling operation could proceed. This procedure was performed in 1 shift.



Checking hole drilling positions on a paper mill roll with a Faro Laser Tracker



“1-million holes” drill pattern

