Test equipment for quality control of incoming goods

The following descriptions of our checks should be understood as supplementary information for the supplier in order to avoid complaints due to varying test procedures/test processes. Any information deviating from this in drawings, parts lists, article master records and order processes are binding.

- **General check of parts**
  - Check according to drawing with calibrated standard measuring equipment
  - Check of corrosion resistance (for stainless steels) with copper sulphate (copper vitriol)
  - Check of the specified paint finish (solvent test)
  - The following items are always checked with our 3D measuring machine from Wenzel:
    - Spindle sleeve brackets
    - Chambers (e.g. Tresu, MPG, etc.)
    - In exceptional cases we also check other items if required

- **Check of rollers**
  - Check of dimensional accuracy according to drawings, in particular
    - Slot width, slot depth and its centricity
    - Fit seatings
    - Length dimensions, recesses and heels
    - Inner bore (siphon pipe)
    - Thread for the rotary union
    - Roller diameter
  - Surface quality with a Mahr perthometer
  - Check unbalance with a Schenck balancing machine
  - Cylindricity/ concentricity with the aid of our balancing machine
  - Deviation of roundness on the bearing seats
  - Visual inspection of the roller for imperfections, scratches and general damage
  - For chrome/nickel coating, the layer thickness with a Karl Deutsch Leptoskop thickness gauge
  - The corrosion resistance of stainless steel rollers or stainless steel trunnions is checked with copper sulphate (copper vitriol).
    - **Extended check of rubber rollers:**
      - Electrical conductivity
      - Shore hardness of the rubber sleeve using Shore A hardness testing
    - **Extended check of anilox rollers**
      - Check of the screen with our Troika AniCAM 3D scanning microscope

Test equipment	KROENERT GmbH & Co. KG Schützenstraße 105, 22761 Hamburg
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- **Check of comma rollers**
  - Check of dimensional accuracy according to drawings, in particular
    - Slot width, slot depth and its centricity (if present)
    - Fit seatings
    - Length dimensions, recesses and heels
    - Diameter
  - Surface quality with a Mahr perthometer
  - Deviation of roundness on the bearing seats
  - Check scraper on the comma roller. (Straightness, sharpness and hardness of the scraper) with the 3D measuring machine
  - For chrome/nickel coating, the layer thickness with a Karl Deutsch Leptoskop thickness gauge
  - The corrosion resistance of stainless steel version is checked with copper sulphate (copper vitriol).
  - Cylindricity/concentricity with the aid of our balancing machine
  - Visual inspection of the scraper for imperfections, scratches and general damage

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