Achieving and maintaining the highest quality standards is one of Mantz Automation's top priorities. A focal point of our quality process is our inspection department.

Inspection Services

Mantz now offers customized inspection of your parts and/or components. From complete evaluation of a first run part to a quick check of critical dimensions, we have the capabilities to perform geometric and dimensional inspections to your desired specifications.

- Location & Size
- Angularity
- Concentricity
- Circularity
- Coaxiality
- Roundness
- Straightness
- Flatness
- Perpendicularity
- Parallelism
- Total Run-Out
- Circular Run-Out
- Profile of a surface
- Custom inspection routines as requested

Machining Specifications

- Zeiss 12/18/8
  - X 1200 mm, Y 1800 mm, Z 800 mm
  - 2645 lbs. Weight Capacity

- Zeiss T-SCAN Hawk 2
  - Volumetric Accuracy 0.02 mm + 0.015 mm/m [2]
  - Laser class (IEC 60825-1:2014)
  - Carbon-fibre lengths standards Certified (DAkks / ILAC) [1]

- Zeiss DuraMax
  - X 500 mm, Y 500 mm, Z 500 mm
  - 220 lbs. Weight Capacity

Please correspond with our technical sales representatives with any questions you have regarding surface grinding and all quote inquires.

Thanks,
Scott Zylka
Project Manager/Custom Machining Specialist

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Thanks,
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