The variety of the range ensures benchmark reliability.

From 40 to 180 mm in diameter, and 300 to 1250 mm in length, the modular range of the Techno series can provide you with the most suitable machine for your production.

**Techno Series**

**High resolution.**
Detailed images to capture minute features.

**No more compromises.**
Given the wide scope of measurement ranges offered, this machine range is designed to adapt to current and future manufacturing demands.

**Tested reliability.**
Specific expertise and carefully selected components have created a highly efficient range of solutions.

**Heavy duty.**
The load capacity of the largest machines has increased by up to 60 kg.

**The machine improves productivity.**
Operators are more independent during inspection and tool offsets can be adjusted before parts become out of tolerance in order to reduce the amount of rejects produced.

**Dimensional control directly on the shop floor.**
Each part produced by the CNC lathe can be measured within the production environment.

**Greater productivity also on smaller batches.**
Batch changing is fast and efficient.

**One measuring system for multiple CNC lathes.**
A single measuring system can operate next to multiple machining centers, involving more than one operator.
### Measuring field
- **Max. loadable sizes**
  - M304: 300x40 mm
  - M306: 300x60 mm
  - M309: 300x90 mm
  - M314: 300x140 mm
  - M318: 300x180 mm
  - M604: 600x40 mm
  - M606: 600x60 mm
  - M609: 600x90 mm
  - M614: 600x140 mm
  - M618: 600x180 mm
  - M906: 900x60 mm
  - M909: 900x90 mm
  - M914: 900x140 mm
  - M918: 900x180 mm
  - M1209: 1250x90 mm
  - M1214: 1250x140 mm
  - M1218: 1250x180 mm
- **Accuracy Ø - L**
  - M304: 1,5 + D[(mm)/200] μm
  - M306: 4 + L[(mm)/200] μm
  - M309: 0,3 μm / 1,2 μm
  - M314: 0,3 μm / 1,2 μm
  - M318: 0,3 μm / 1,2 μm
  - M604: 1,5 + D[(mm)/200] μm
  - M606: 4 + L[(mm)/200] μm
  - M609: 0,3 μm / 1,2 μm
  - M614: 0,3 μm / 1,2 μm
  - M618: 0,3 μm / 1,2 μm
  - M906: 1,5 + D[(mm)/200] μm
  - M909: 4 + L[(mm)/200] μm
  - M914: 0,3 μm / 1,2 μm
  - M918: 0,3 μm / 1,2 μm
  - M1209: 2+D[(mm)/100] μm
  - M1214: 5+L[(mm)/100] μm
  - M1218: 0,4 μm / 3 μm
- **Repeatability Ø - L**
  - M304: 0,3 μm / 1,2 μm
  - M306: 0,3 μm / 1,2 μm
  - M309: 0,3 μm / 1,2 μm
  - M314: 0,3 μm / 1,2 μm
  - M318: 0,3 μm / 1,2 μm
  - M604: 0,3 μm / 1,2 μm
  - M606: 0,3 μm / 1,2 μm
  - M609: 0,3 μm / 1,2 μm
  - M614: 0,3 μm / 1,2 μm
  - M618: 0,3 μm / 1,2 μm
  - M906: 0,3 μm / 1,2 μm
  - M909: 0,3 μm / 1,2 μm
  - M914: 0,3 μm / 1,2 μm
  - M918: 0,3 μm / 1,2 μm
  - M1209: 0,4 μm / 3 μm
  - M1214: 0,4 μm / 3 μm
  - M1218: 0,4 μm / 3 μm
- **Size LxDxH mm**
  - M304: 950 mm
  - M306: 950 mm
  - M309: 950 mm
  - M314: 1800 mm
  - M318: 1800 mm
  - M604: 1315 mm
  - M606: 1315 mm
  - M609: 1315 mm
  - M614: 2000 mm
  - M618: 2000 mm
  - M906: 1615 mm
  - M909: 1615 mm
  - M914: 2000 mm
  - M918: 2000 mm
  - M1209: 2000 mm
  - M1214: 2205 mm
  - M1218: 2205 mm
- **Power supply**
  - Voltage: 230 V
  - Frequency: 50/60 Hz
  - Nominal power: 1,73 A

### Static measurements:
- Diameters
- Lengths
- Angles
- Chamfers
- Radii
- Mean sphere diameters

### Geometric measurements:
- Symmetries
- Parallelisms
- Orthogonalities
- Streightness

### Thread measurements:
- Nominal diameters
- Core diameters
- Mean diameters
- Crest angles
- Helix angles

### Form measurements:
- Rotation diameters
- Roundness
- Coaxialities
- Axial and radial run-out
- Cylindricities
- Angular timings
- Planes parallelisms
- Tapers
- Dynamic parallelisms

### DXF comparison:
- Distances from profile
- Distances from tolerance
- GD&T

### Special application tool:
- Camshafts
- Crankshafts
- Turbine wheels

### Nut measurements:
- Keys
- Asymmetries
- Angular timings