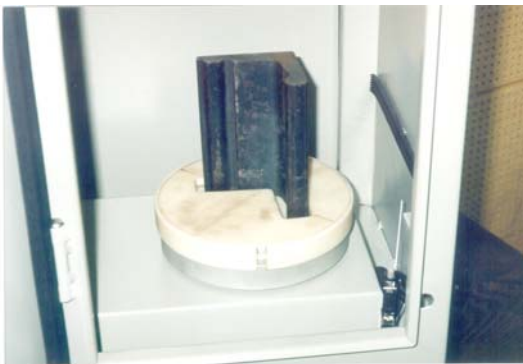


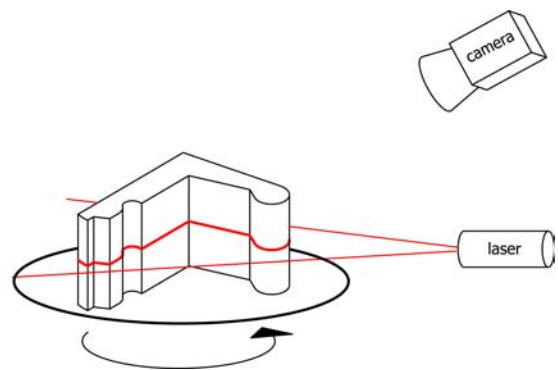
3D profile extraction and inspection

- Technology for obtaining 2D digital profiles from the crosssections through the 3D objects
- Measurement is based on observing laser trace cast onto the measured object
- Based on the optics and the camera resolution, the precision can reach ± 0.01 mm
- Object is measured in different orientations (the number of measurements depends on the shape complexity)
- Dimensions are automatically evaluated in the measured profile
- The resulting shape can be exported into commonly used CAD applications

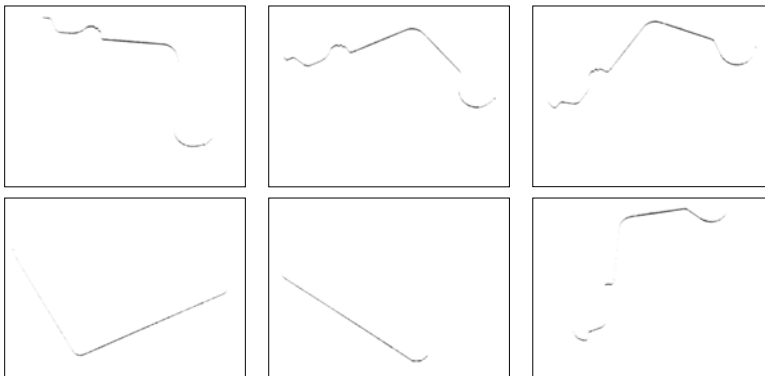
Measured object



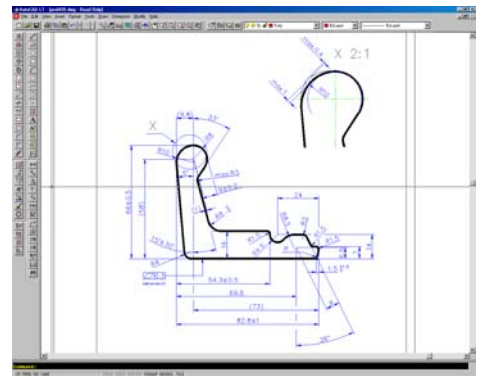
Principle of measurement



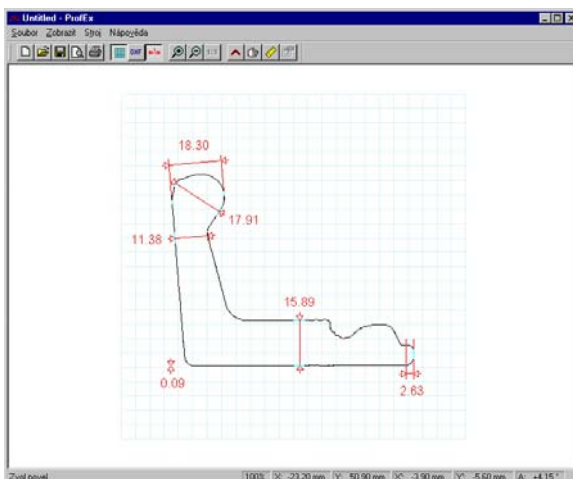
Captured images



+ CAD drawing



→ Evaluated profile



Complete measurement machine on the table

