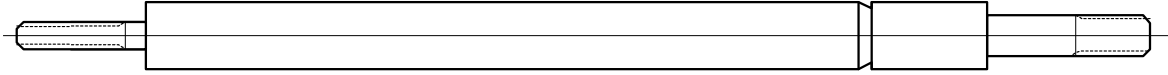


*Automatic crack detection of
piston rods
by means of **eddydetector[®]** and **eddyscan[®] H2/25***

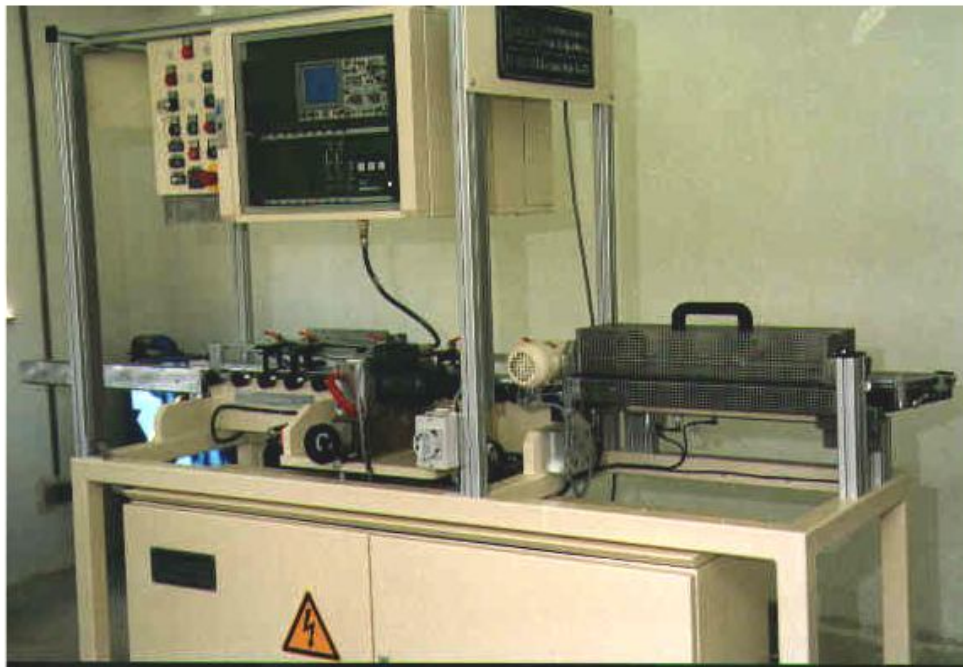


Cycle Rate : up to 20 parts/min

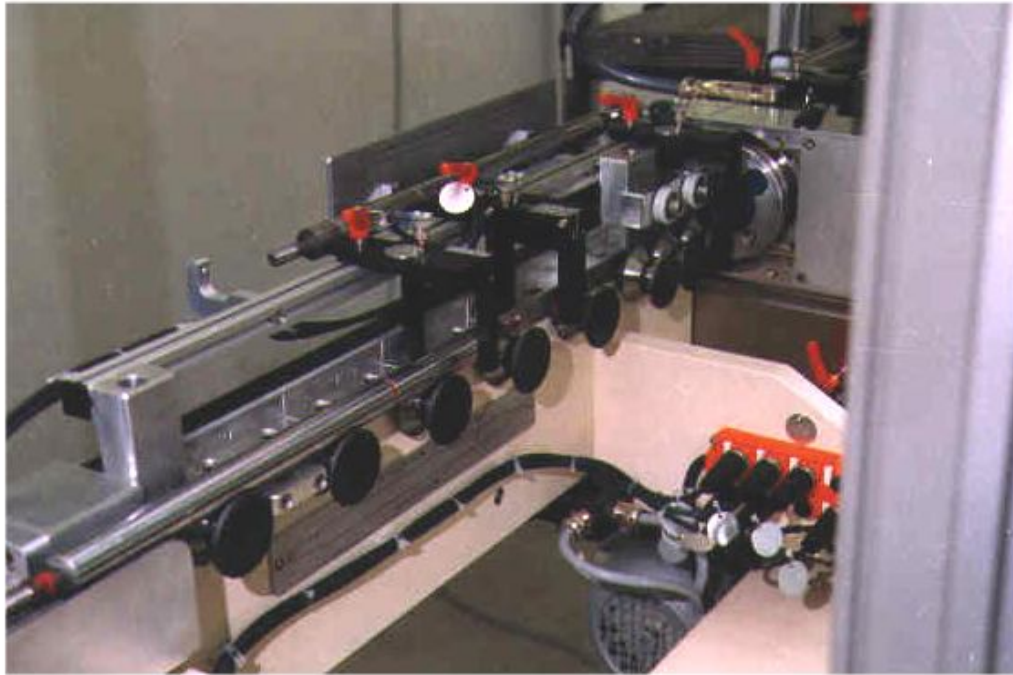
Parts Diameter : 8 - 30mm

Length of parts : 250 - 650mm

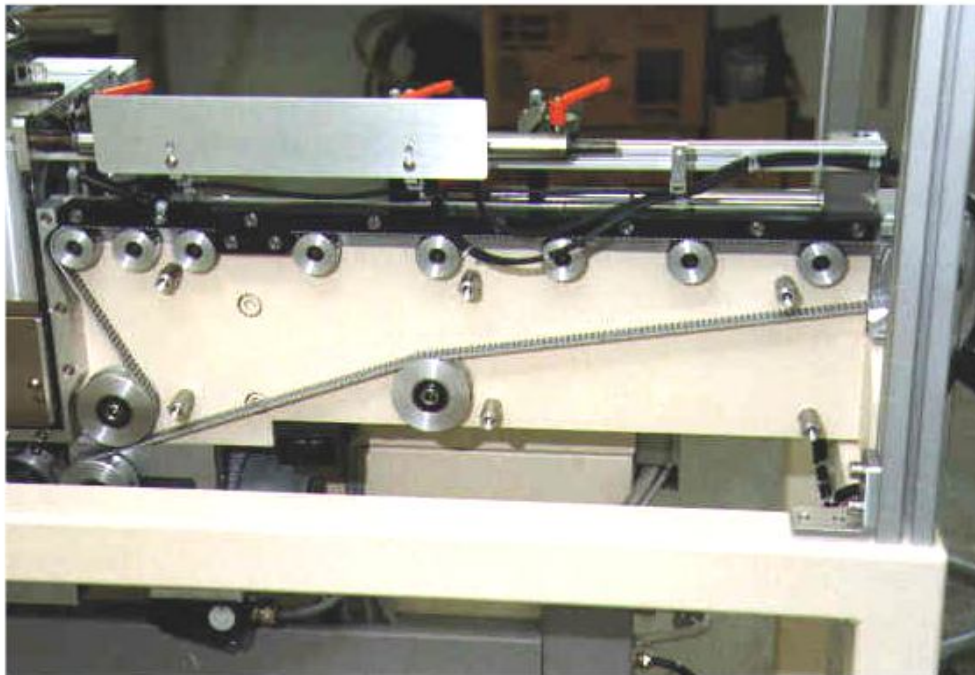
*Crack Specification : Depth : 50µm
Length : 5mm
Width : 75µm
Direction : longitudinally and
transvers*



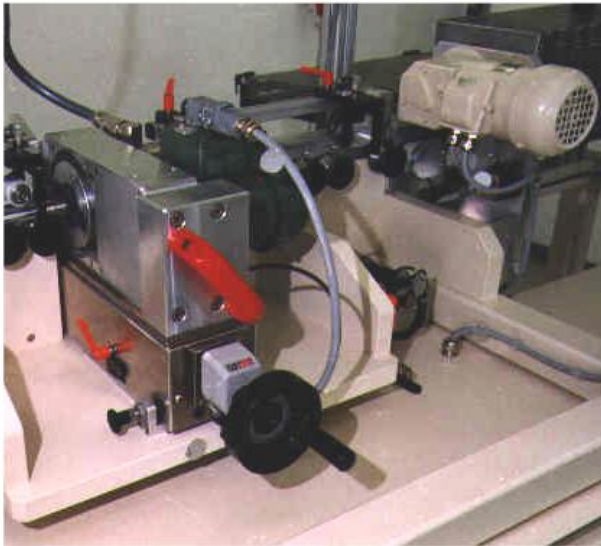
Very compact test system located on a steel frame - containing both steel cabinets for crack detection electronics and control elements (PLC) as well as electrical system.



Careful and precise transportation of parts by means of hardened and synchronously running V-rollers. Edge blanking by reliable fork-type light barriers, which are oriented easily adjustable at a master piston rod.

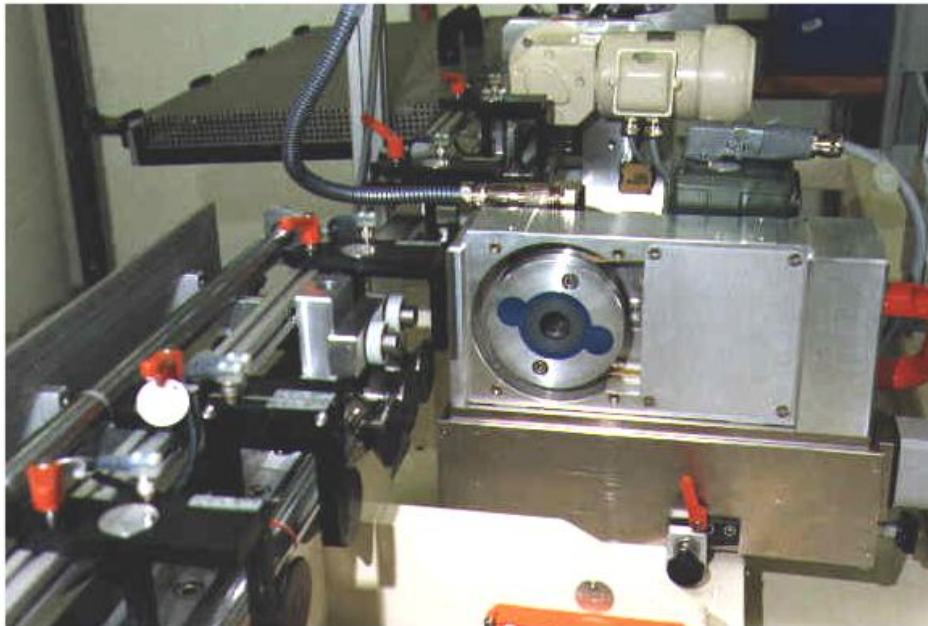
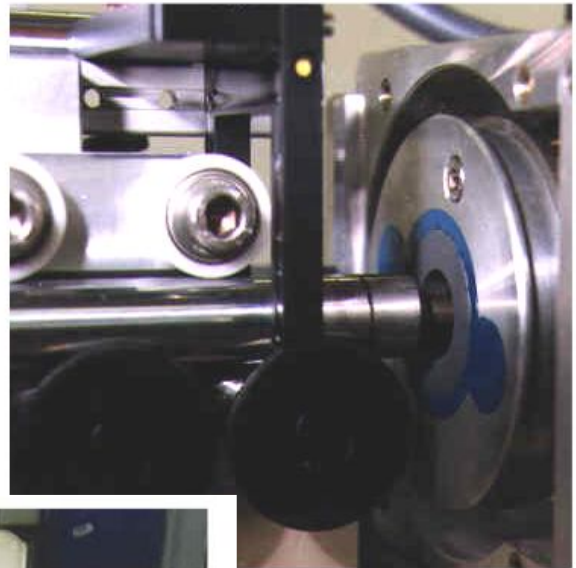


View of the drive unit and toothed belt (Protective cover detached).

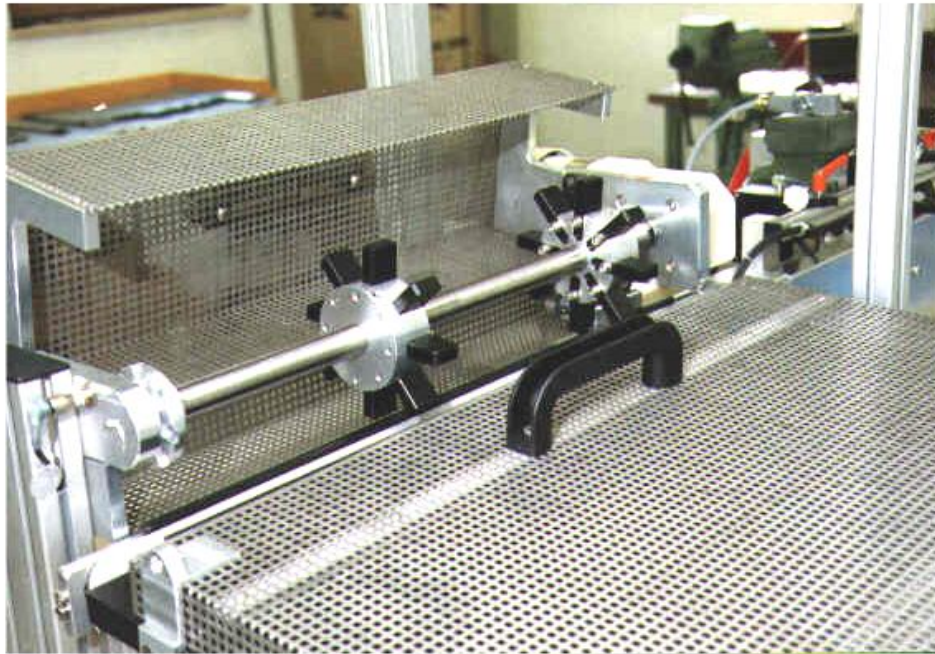


Diameter adjustments are carried out by setting the rotating head, incl. crank and measurement scale, to the correct height and changing the probe disk.

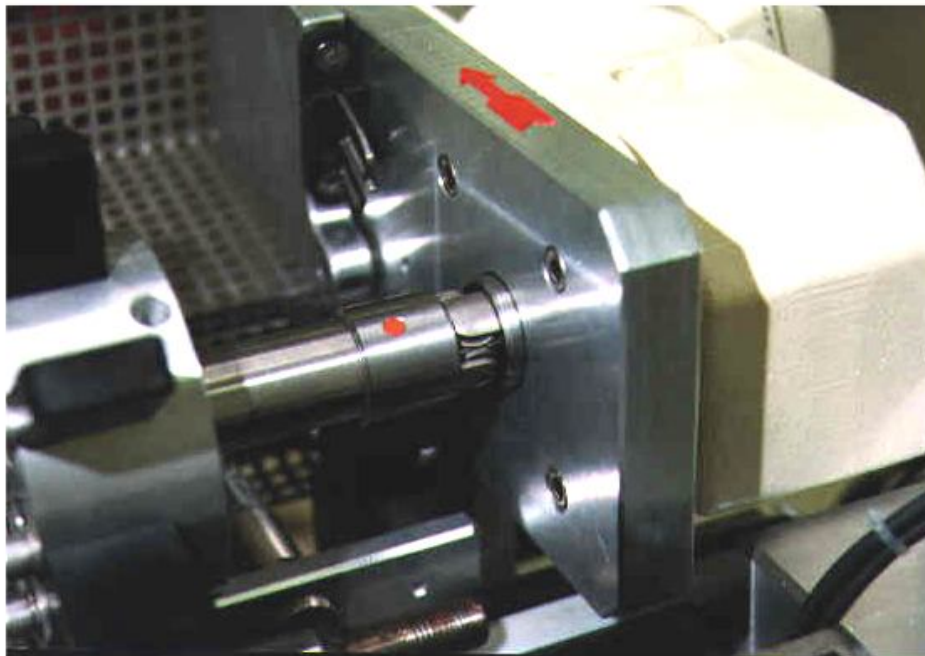
The piston rod is directed to the probe disk (without contacting it). Protective cover for feed system detached.



Rotating head in maintenance position - bypass operation possible.



Vanes guide not O.K. parts into a lockable rejected parts tray. Protective cover of ejector is open. Surveillance via emergency stop circuit for safe operation.



View of the ejector drive. In order to protect the plastic ejectors, a shearing pin limits the torque being transmitted by the universal joint.