

*Automatic test for hardness, hardness
depth and hardness pattern of
strud rods
with the eddyliner® P 16*



Hardness test on 8 positions which can be set individually for every type of parts to be tested via adjustable light barriers.

Every test position is checked with 8 test frequencies (by PMFT), and the NOK parts are sorted out automatically.

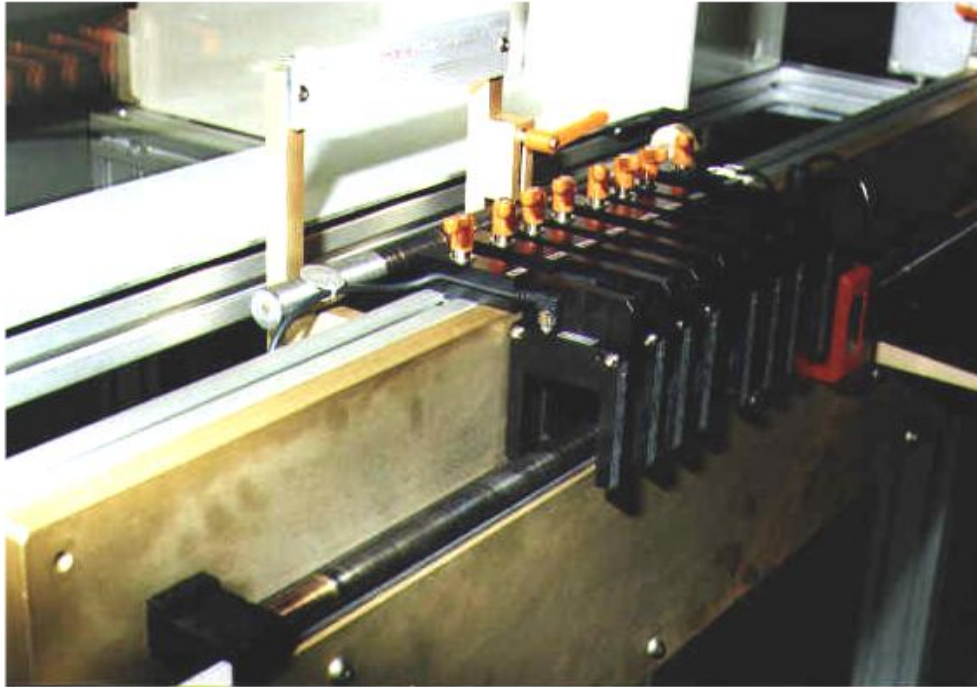
Cycle rate : > 500 parts/h

Hardness tolerance : 56 HRC \pm 2 HRC

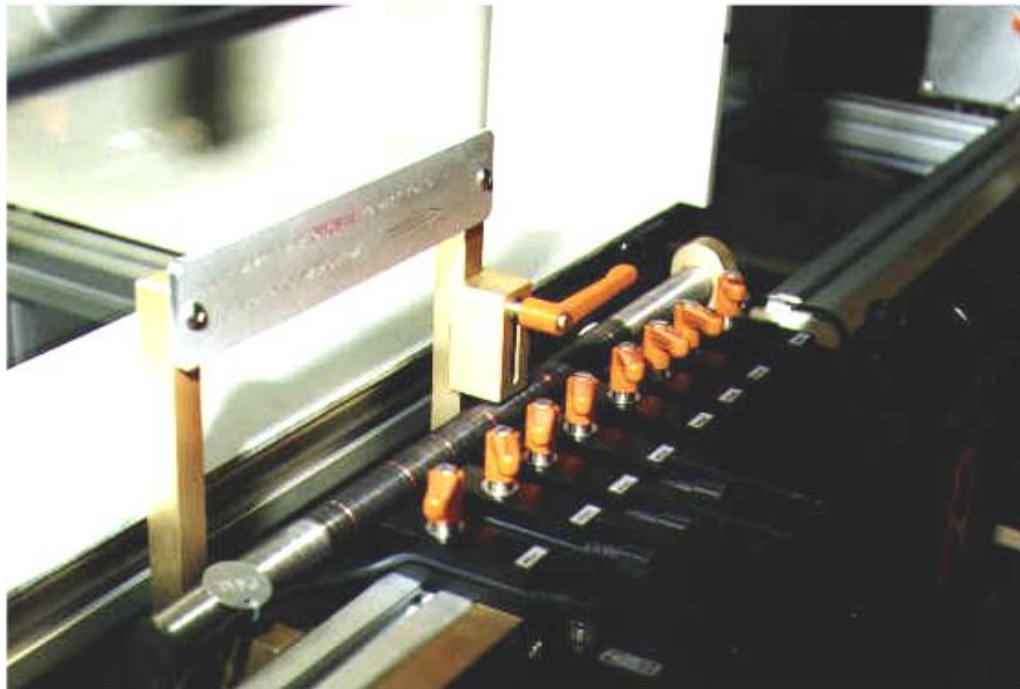
Hardness depth : 2.3mm \pm 0.3mm

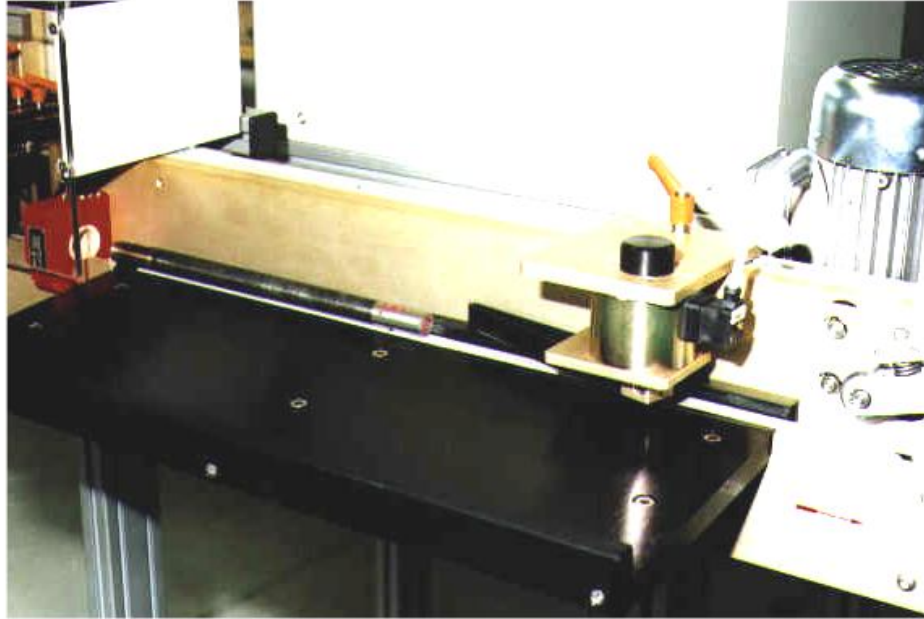
Position : \pm 1.0mm



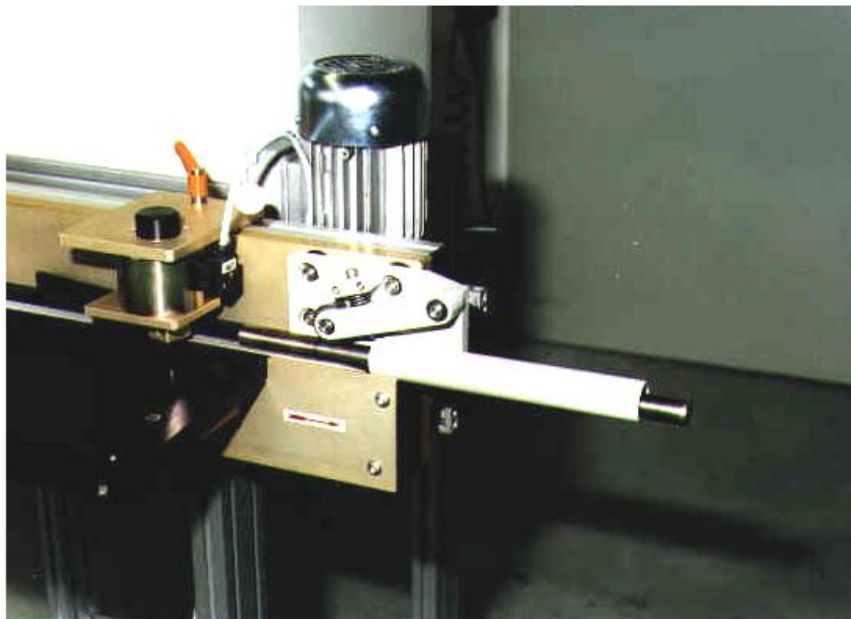


The exact test positions are determined via adjustable light barriers on a master part.





The sorting gate is actuated by a robust rotary solenoid.



OK parts are passed on to the downstream straightener via the discharge tube. The tube is suspended via rubber shock absorbers to prevent transmission of shocks to the test system.