

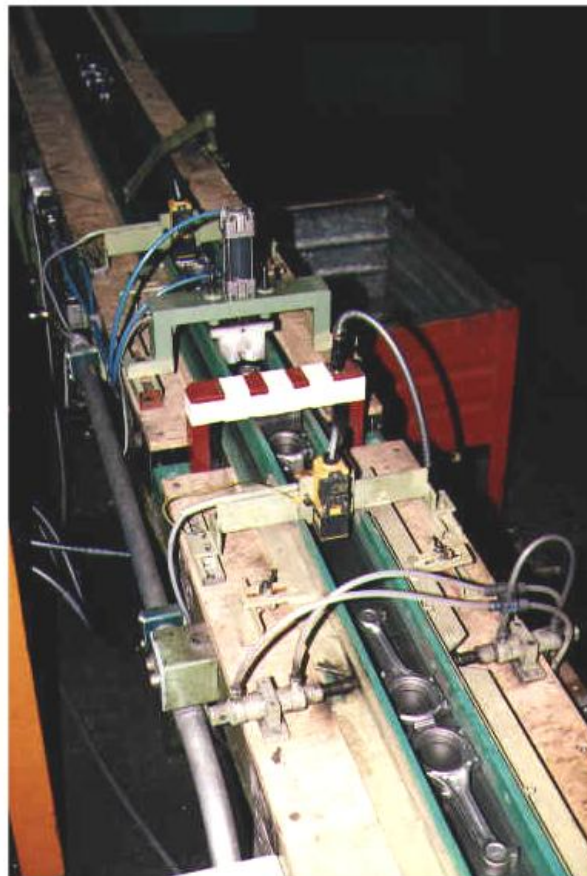
Fully-Automatic Testing of **Connecting Rods** (Twin Con-Rods) for Structure and Material Using eddyliner®

The fully-automatic test system for 100% testing of connecting rods for heat treatment (tempering of conrods) described in the following was designed by our customer:

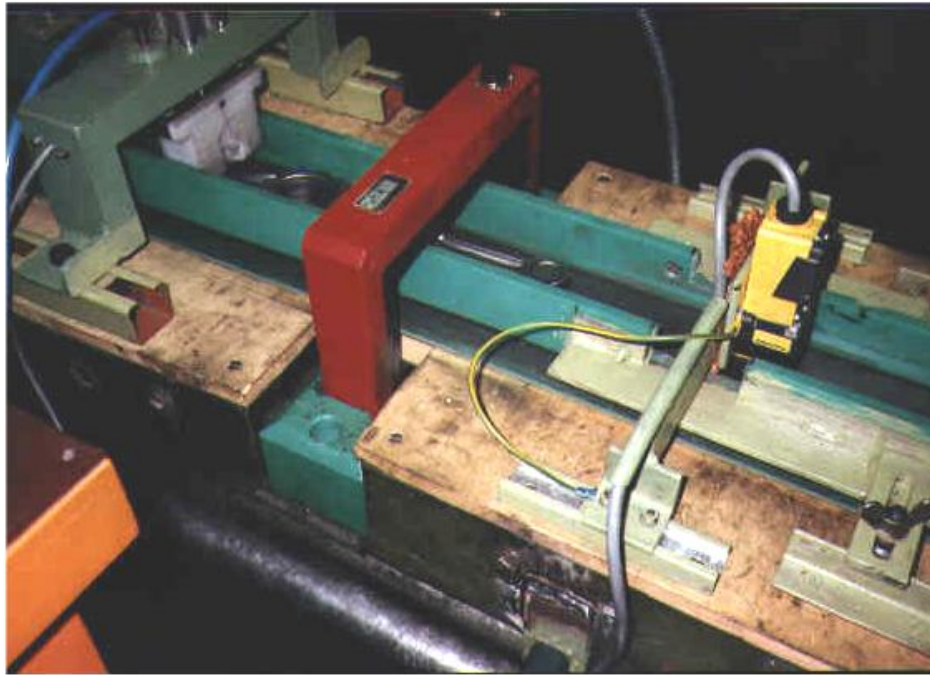
The conrods are placed on a conveyor belt by hand and passed on to a separator. Here 2 pneumatic sliders stop the parts until the separator releases one part after the other to be passed on via conveyor belt to the test coil (mechanical stopper).

Measurement is automatically triggered and a sort decision made. The mechanical stopper lifts up so that the part tested may go on by conveyor belt or be rejected (NOT O.K. parts are led to a special container by pneumatical mechanism). The test system is very robust and exact in funktion. It operates to the full satisfaction of our customer.

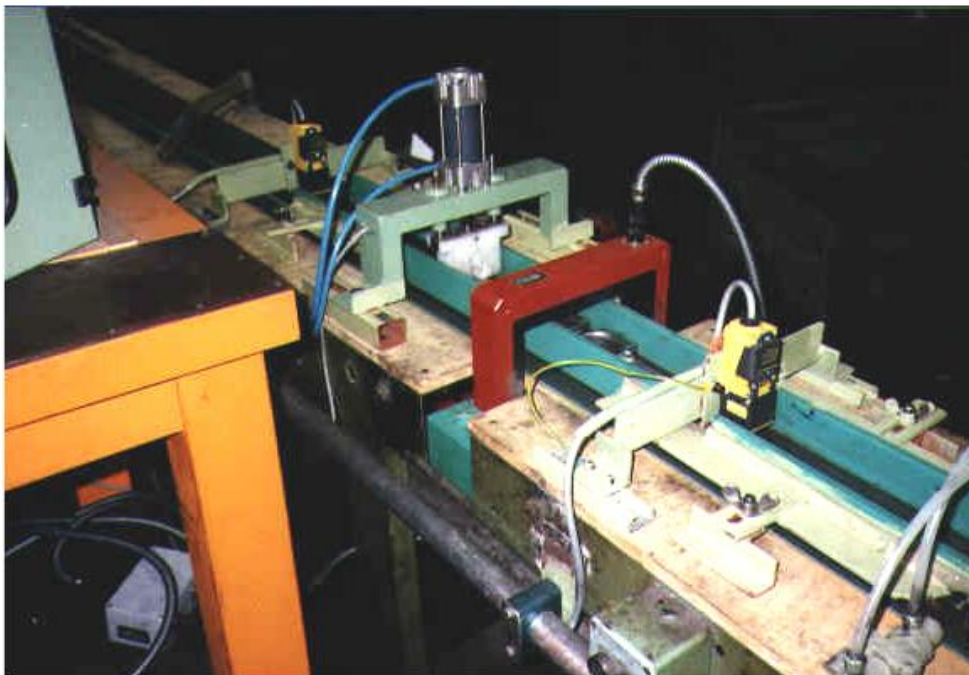
- PMFT 8 frequencies
- Automatic NOT O.K. output
- Test rate 6 sec./part

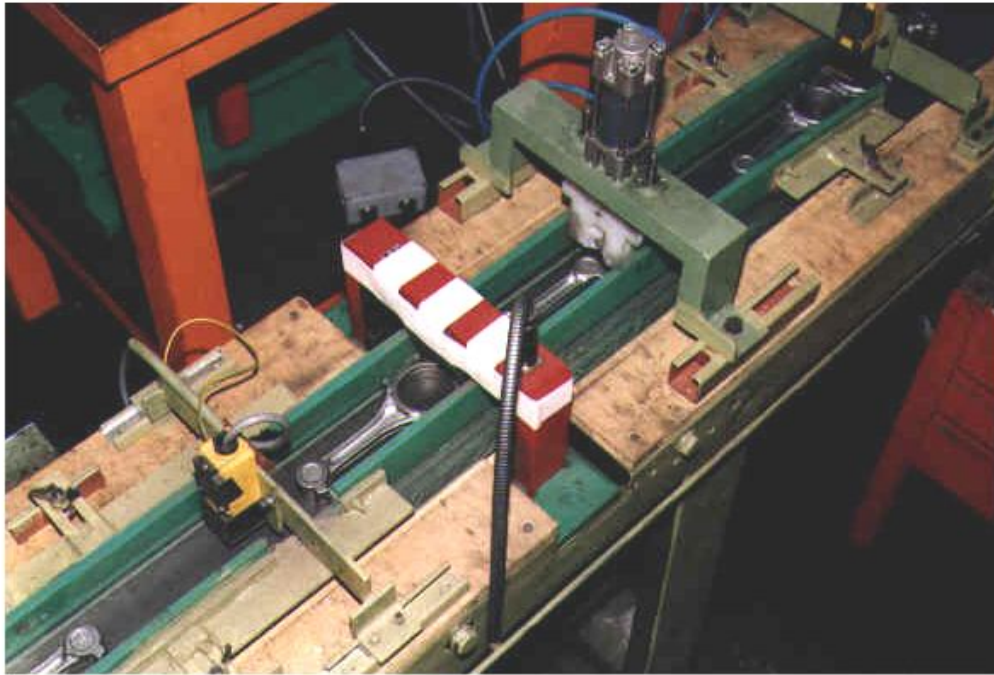


Conveyor belt with test parts, NOT O.K. output mechanism, red NOT O.K. parts container

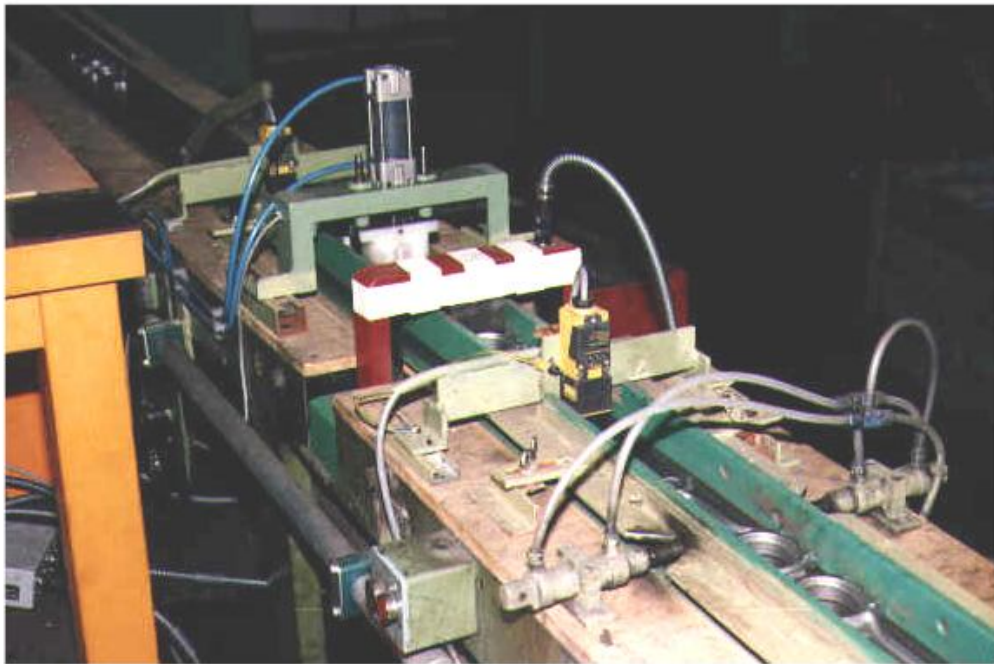


Test coil with pneumatic stopper





Compensation coil (integrated in green retainer on orange table)



Pneumatical separation



eddyliner[®] instrument in robust, dust-proof steel rack