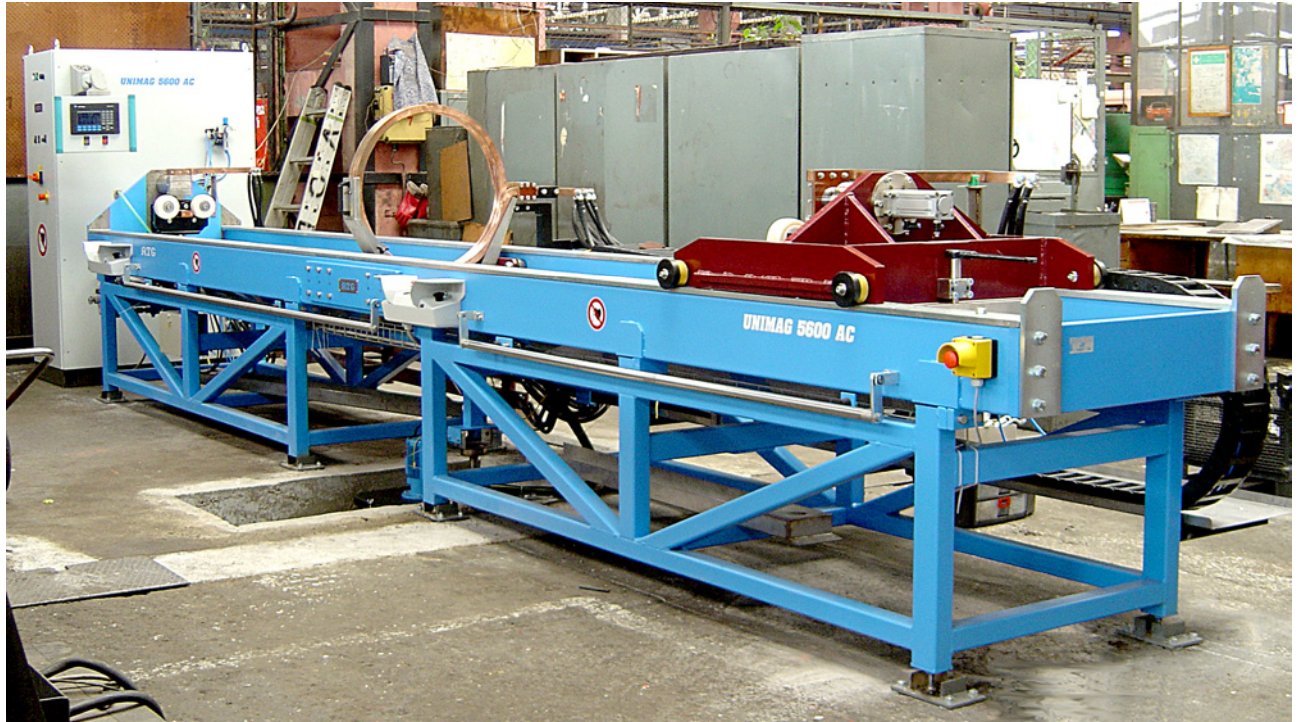


Stationary magnetic particle testbench *UNIMAG 5600 AC*



Basic description:

- Clamping length between the poles 5600 mm, stroke of pneumatic valve 2x 50 mm, mechanically poles adjustment
- PLC control Allan Bradley
- By touchscreen setting of testing parameters
- Current (circular) AC magnetization, max. current 4000 A_{rms} (effective)
- Manually movable AC coil Ø 320 mm, exchangeable for Ø 620 mm
- Signalling deviation ± 10% of preset values for both circuits
- Timers for magnetisation and wetting 0,5 - 10 sec
- AC demagnetization by decreasing curve (cca 2 sec.)
- Duty cycle (intermittent) 30 %
- Manual/automatic process control
- Electropneumatic switching between lengthwise and circular magnetization
- Manually rotation of the tested part
- Ink system with 40 litres stainless steel reservoir, pump 390 VA, delivery rate 160 l/min., hand hose spraying
- Weight of tested parts up to 2000 kg
- Feeding 3 + PE 400 V - 50 Hz, power consumption 100 kVA

Option:

- Dark cabine, UV lamps, UV meters, light meters (Luxmeters), Gauss/Tesla meters, MTU gauges, Berthold's gauges, centrifuge tubes
- Coils / tunnels for demagnetization, conveyors