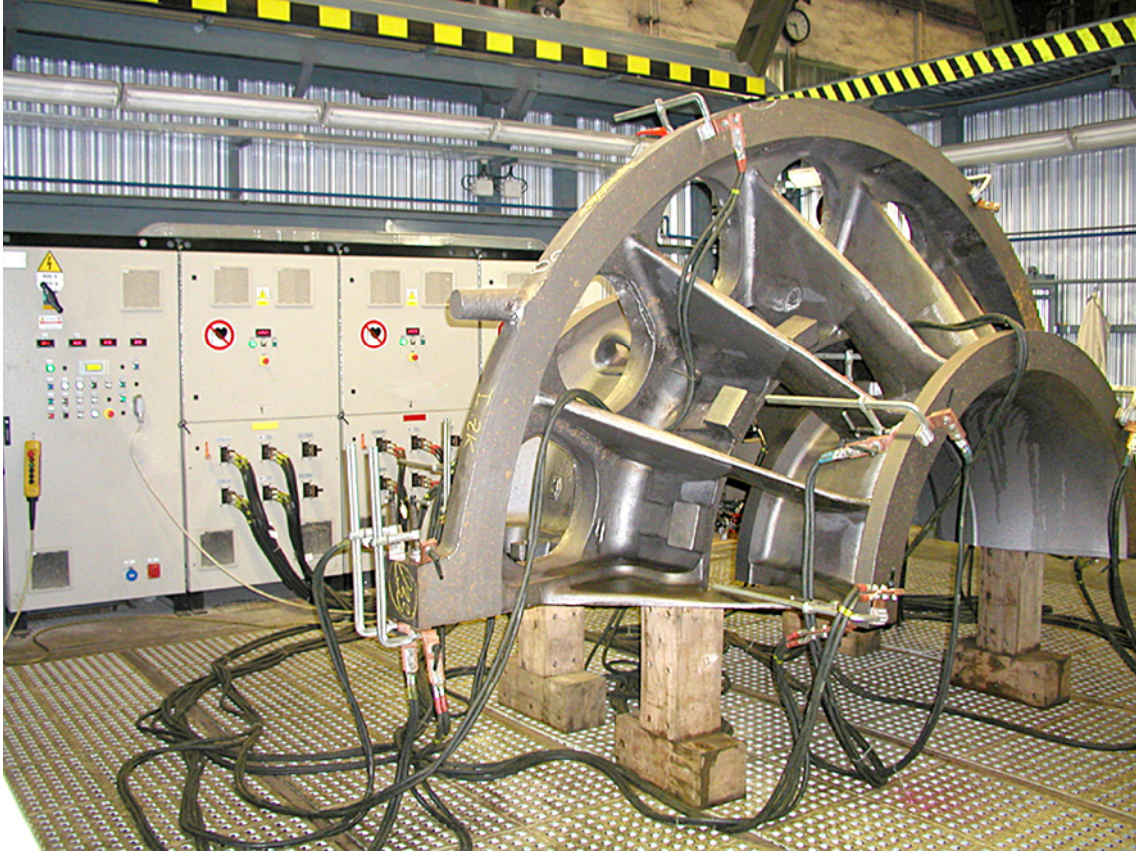


Three generators system for multidirectional magnetization of iron castings

MAGMAN Multi



The equipment is intended for magnetic particle testing of iron castings and forgings. Control system is designed for multidirectional magnetization, that can detect subsurface discontinuities by one testing operation. This procedure considerably advances the productivity.

Working cycle is controlled by PLC at sequencing switching of three (or more) generators:

Time ⇒	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s	0,5 s
Generator 1										
Generator 2										
Generator 3										

If two generators are working together, depending of current geometry, magnetic field of them forms the vector sum. After prolonged magnetization - several minutes - can be detected a lot of surface and subsurface discontinuities at the different orientations.

Accessories:

- Remote control
- Shower equipment for suspension with barrel, pump, mixture, hose and shower head
- Cables 70 mm², 95 mm², 120 mm² or 150 mm² cross area
- AC/DC demagnetization
- UV lamps, gauges, meters for intensity of magnetic field measurement, UV meters and luxmeters.
- Clamps for cables connecting on the part to be tested