

# CONTROMAG MAG-HB



## Stationary Crack Detectors



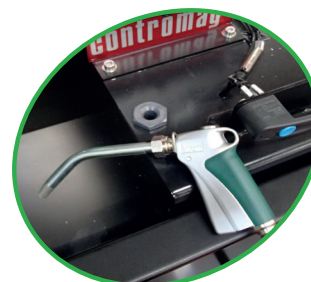
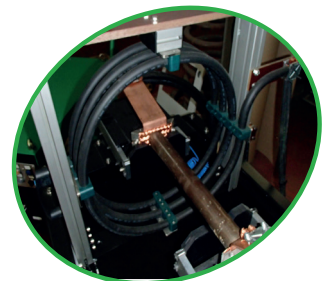
Range of polyvalent magnetic benches covering most of the needs. The MAG-HB Bench are self-contained, easy-to-use units that detect and locate fatigue cracks or processing defects using the 'wet continuous' method of magnetic particle inspection.

These medium-duty machines are ideal for machine shops, tool rooms, foundries and similar plants where low-volume testing of ferrous components is required.

The CONTROMAG Mag-HB must be associated with a mobile generator from the CONTROMAG GT range.

### PROPERTIES

- Available in 4 versions - Max. clamping length: 400 - 900 - 1500 - 2000 mm
- 3 size of Coils available : 300 - 500 - 700mm
- Pneumatic clamping of the part. Folding part supports
- A fixed electrode and a manual mobile electrode
- Magnetization through direct current flow in the part, central conductor or coil
- Power switch possibility between coil and electrodes.
- The coil moves manually and can be stored on the side of the fixed electrode to allow an easier loading and unloading.
- Mobile Generator : AC & HWDC version available.
- Peak Current : 4.000 to 18.000 Amps.
- Inspection booth with ventilation and UV-A lamp
- 2 sizes of stainless steel tank : 15L and 50L
- with circulation pump and spraying gun
- Use the FLUXO RANGE of magnetic inks.  
Water based or Petroleum based





# CONTROMAG

## MAG-HB

### Stationary Crack Detectors



	Mag-HB4	Mag-HB9	Mag-HB15	Mag-HB20
Clamping length mm	0-400	0-900	0-1500	0-2000
Clearance width Ø mm	0-250	0-400	0-600	0-600
Electrode ST109	115x60	115x60	-	-
Electrode ST116	-	-	135x75	135x75
Electrode ST116x2	-	-	135x150	135x150
Test part weight max kg	20	100	200	200

#### RECOMMENDED GENERATORS

MP215	✓	✓	-	-
GT4-A	✓	✓	✓	✓
GT4-P*	✓	✓	✓	✓
GT6-A	-	✓	✓	✓
GT6-P*	-	✓	✓	✓
GT8-A	-	✓	✓	✓
GT8-P*	-	✓	✓	✓
GT10-A	-	✓	✓	✓
GT10-P*	-	✓	✓	✓
GT14-A	-	-	✓	✓
GT14-P*	-	-	✓	✓
GT18-A	-	-	✓	✓
GT18-P*	-	-	✓	✓

\* power switching AC/HWDC available only for GTx-P

Coil Ø 300mm	✓	✓	✓	✓
Coil Ø 500mm	-	✓	✓	✓
Coil Ø 700mm	-	-	✓	✓
Power switching electrode/coil	✓	✓	✓	✓

Test liquid tank 15L	✓	✓	✓	✓
Test liquid tank 50L	-	-	✓	✓

Booth 1: L 3000 x l 3000 x H 2200 mm	✓	✓	-	-
Booth 2: L 4500 x l 3000 x H 2200 mm	-	-	✓	✓
Ventilation for booth	✓	✓	✓	✓
UV-A ceiling lamp ELN5061B	✓	✓	✓	✓
UV-A ceiling lamp ELN5121B	-	✓	✓	✓
Bracket for UV-A ceiling lamp (without booth)	✓	✓	✓	✓