



Intuitive operation with EMAG HMI 4.0



Reduction in set-up and tooling times



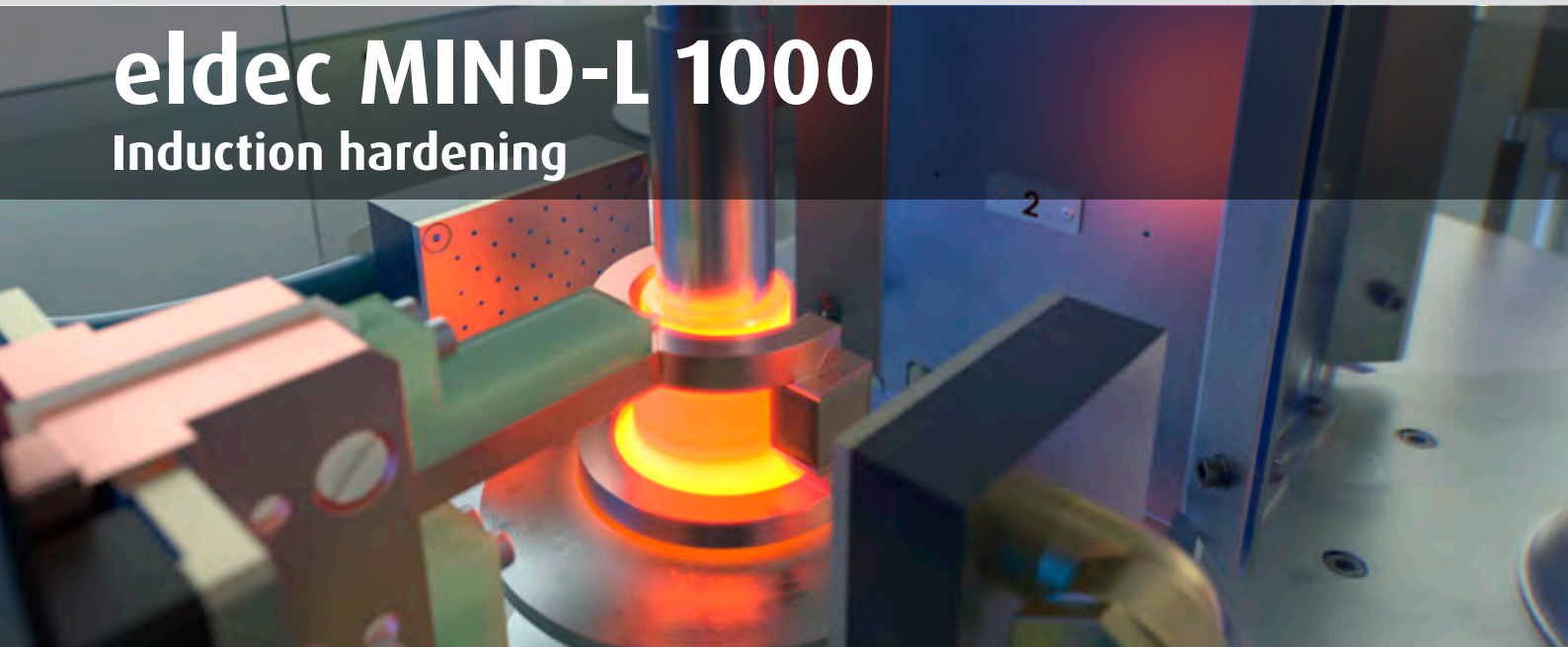
eldec Quality Control

Monitoring, control, and data recording for the process and system



eldec MIND-L 1000

Induction hardening



MIND-L 1000 – the new generation of vertical index disk machines for large volumes



MIND-L 1000 – fully focused on large volumes

The new generation of vertical index disk machines from EMAG eldec has arrived: MIND-L 1000 will replace the MIND 750/1500 Series which has enjoyed great success for the last 10 years.

Reduced costs and therefore price due to an improved modular kit. Even higher availability due to enhanced functions in every detail. "Ready for automation" concept with integrated gantry (optional) and therefore perfect for integration in a production line. Improved accessibility for set-up and service work. Rigid overall design and precise positioning ensure reproducible and permanently stable results.

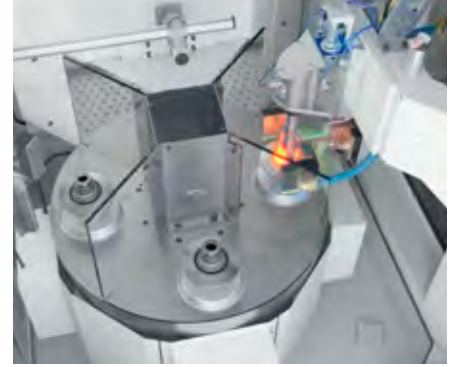
The combination of inductors designed using 3-D CAD and modelled with FEM, inductors manufactured using 3-D SLM, 3-D quality control and the 3-D "Coil Connect" inductor mounting significantly

reduces the new HPTS (High Precision Tool System) set-up and tooling times.

eQC (eldec Quality Control) produces stable hardening results using extensive monitoring, control, and data recording for the process and system.

The new EMAG EDNA HMI 4.0 simplifies operations massively using a modern visualization system, among other features.

As usual – full process integration in a single machine, for example, simultaneous inductive hardening, tempering, cooling, measuring, etc. for workpieces with a diameter of up to 200 mm and a length of up to 800 mm. Available with energy sources from 10 – 1000 kW in LFG, MFG, HFG, DFG (dual frequency) and SDF® (simultaneous dual frequency) frequency ranges.



EMAG eldec sales and service partners

EUROPE

Germany
EMAG Salach GmbH
Phone: +49 7162 17-0
E-mail: communications@emag.com

England
EMAG UK Ltd.
Phone: +44 1902 37609-0
E-mail: info@uk.emag.com

Turkey
EMAG Salach GmbH
Phone: +90 532 694 54 44
E-mail: ckoc@emag.com

Russia
EMAG 000
Phone: +7 495 287 0960
E-mail: info@russia.emag.com

AMERICA

USA
EMAG L.L.C.
Phone: +1 248 477-7440
E-mail: info@usa.emag.com

ASIA

China
EMAG (China) Machinery Co., Ltd.
Phone: +86 51 2 5357-4098
E-mail: info@emag-china.com

India
EMAG INDIA Pvt. Ltd.
Phone: +91 80 50050163
E-mail: info@india.emag.com

Austria
EMAG Salach GmbH
Phone: +43 6245 76023-0
E-mail: info@austria.emag.com

Denmark
EMAG Salach GmbH
Phone: +45 75 854854
E-mail: info@daenemark.emag.com

Sweden
EMAG Salach GmbH
Phone: +46 221 40305
E-mail: info@sweden.emag.com

Poland
EMAG Salach GmbH
Phone: +48 728 389 989
E-mail: info@poland.emag.com

Mexico
EMAG
Phone: +52 442 291 1 552
E-mail: info@mexico.emag.com

China
EMAG (Chongqing) Machinery Co., Ltd.
Phone: +86 23 49783399
E-mail: info@emag-china.com

Korea
EMAG KOREA Ltd.
Phone: +82 31 776-441 5
E-mail: info@korea.emag.com

Switzerland
Kottonau AG (EMAG eldec partner)
Phone: +41 447901 510
E-mail: info@kottonau.ch

Hungary
EMAG Salach GmbH
Phone: +36 30 9362-416
E-mail: lbujaki@emag.com

Czech Republic
EMAG Salach GmbH
Phone: +420 731 476070
E-mail: mdelis@emag.com

Brazil
EMAG DO
Phone: +55 11 383701 45
E-mail: info@brasil.emag.com

Japan
Shinsei Shoji Co., Ltd.
Phone: +81 3 3866-4881
Fax: +81 3 3866-4886

Italy
EMAG MILANO S.r.l.
Phone: +39 02 905942-1
E-mail: info.milano@emag.com

France
EMAG MILANO S.r.l.
Phone: +33 248 771 1 -00
E-mail: info.france@emag.com

Spain
EMAG MILANO S.r.l.
Phone: +34 93 7195080
E-mail: info.spain@emag.com

EMAG eldec Induction GmbH
Otto-Hahn-Straße 14 · 72280 Dornstetten · Germany
Phone +49 - 74 43 - 96 49 - 0 · eldec.sales@emag.com

www.eldec.net

