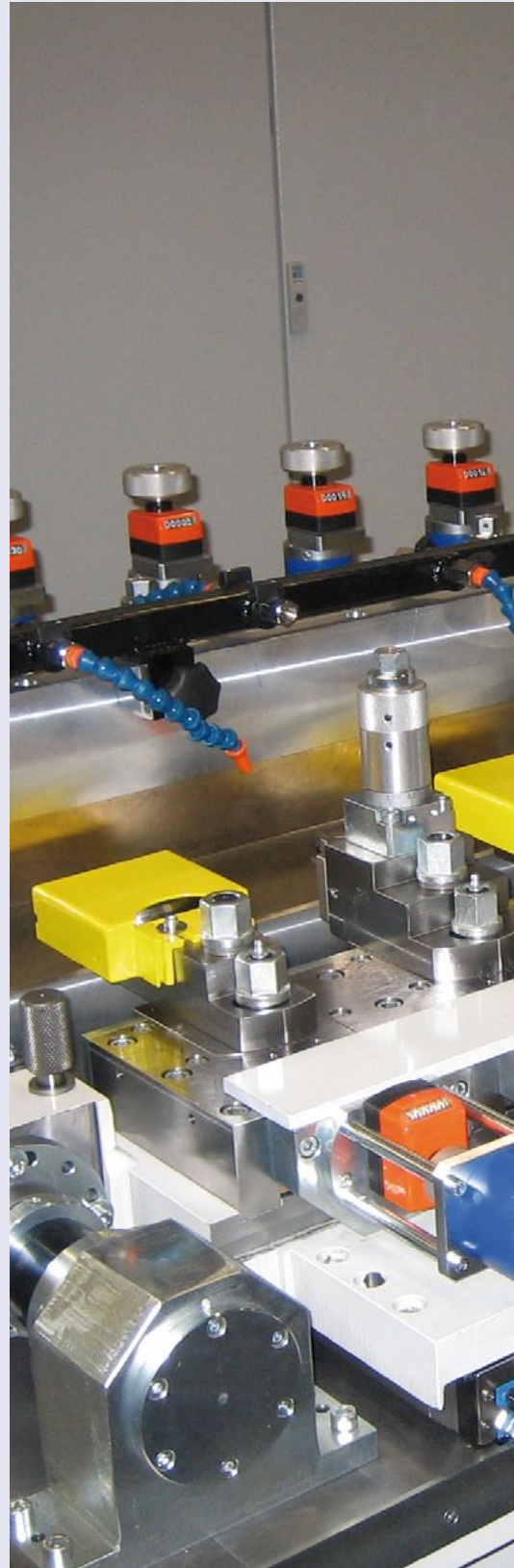




Strip edge trimming lines

hpl-Neugnadenfelder Maschinenfabrik



Strip edge trimming lines

hpl-Neugnadenfelder Maschinenfabrik GmbH designs and manufactures complete systems for various application fields in the machining of strip edges made of ferrous or non-ferrous metals as well as special materials with metallic or coated surfaces. Our customers are, among others, saw blade manufacturers and the knife industry.

Our strip edge trimming lines combine the strip edge trimming machine itself as the core element with well-established coil travel and handling components. The machine features a high-precision strip guide, various cutting and guide stations as well as a sophisticated system for chips removal. We offer the leading strip edge trimming technology.

The strip edge trimming machines can be equipped both with standard tools of the metal industry as well as custom-manufactured tools. The number of manually or motor-driven adjustable cutting and guide stations is based on the final strip edge contour, the cut chip volume and the site conditions.

Strip edge trimming lines are used whenever specific strip edge contours are required. Such a contour can feature almost any geometrical shape. Corresponding inserts are used for the strip edge machining, allowing the production of round or rectangular shapes as well as oblique edges for knives, guides or folding bars.

The machines are controlled by PLC systems. We use Siemens S7 as the standard control system, but any other PLC control system can also be adapted by our software experts for use in the strip edge trimming lines manufactured by hpl-Neugnadenfelder.

The strip width is controlled by laser control systems, and the strip contours supervision is supported by monitoring systems. Even minor deviations lead to the fully-automatic re-adjustment of the tools. Due to the innovative configuration of additional gear units in the tool adjustment system, the re-adjustment precision is

outstandingly high, reaching record values.

In combination with the high-precision strip guide, width tolerances of up to ± 0.01 mm can be reached.

Our machines allow speeds of up to 350 m/min for all coil weights.

QUALITY YOU CAN RELY ON

All lines are manufactured fully in accordance with the well-established principles of hpl-Neugnadenfelder Maschinenfabrik:

- Uncomplicated operation and easy handling
- Highest possible automation
- Ease of repair and maintenance
- Short assembly and commissioning times
- Minimal set-up times
- Solid construction
- Long lifetime

Our strip edge trimming lines and machines also of course comply with the strict provisions of the EC Machinery Directive.

For all our products we offer a proactive after-sales service throughout the entire lifetime which also includes the supply of required spare parts. Due to its high degree of vertical integration of manufacturing, hpl-Neugnadenfelder is able to guarantee a fast and uncomplicated spare parts supply of key parts and components even decades after a line has been commissioned.



Strip edge trimming line with manual and motor-driven tool adjustment system



hpl-Neugnadenfelder Maschinenfabrik GmbH
Spangenbergstraße 20
D-49824 Ringe / Neugnadenfeld

Phone +49 5944 9301-0
Fax +49 5944 9301-44
e-Mail info@hpl-group.de
www.hpl-group.de