

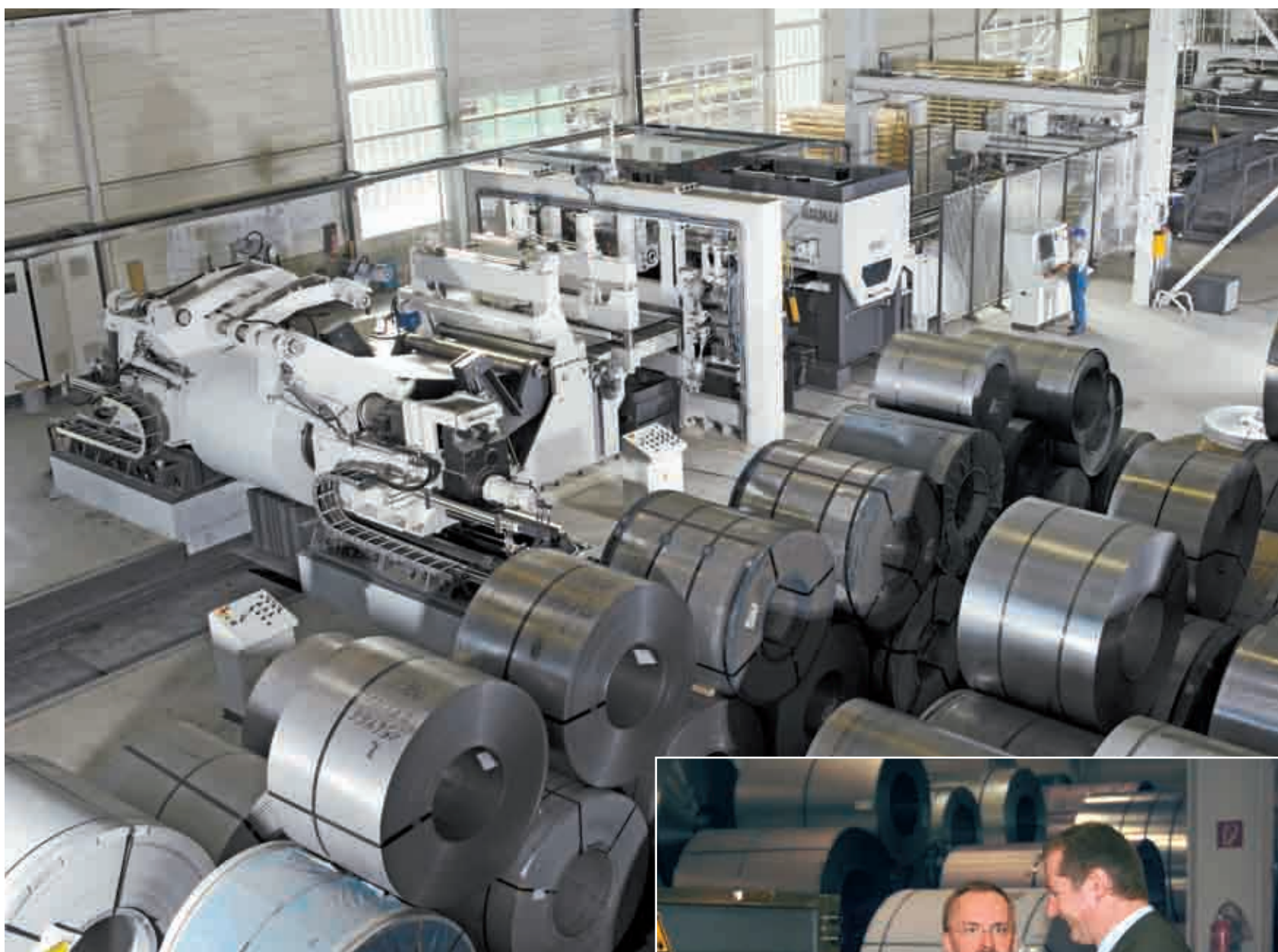
ARKU

InfoMAX

Precision levelers for parts · Cut-to-length and punching lines · Press feeding lines · Coil preparation lines for roll formers

Ready for the economic recovery

Steel Service-Center with new cut-to-length line for high tensile sheet metal – ARKU HiCap[®] PLUS is core of the line



The new cut-to-length line at HFS Hagener Feinblech Service GmbH in Hagen/Germany with ARKU high capacity leveler HiCap[®] PLUS

Hagen/Germany – “We are able to even level and cut high-tensile as well as higher-tensile steel grades process reliable.” says Andreas Dücke, Technical Director of Hagener Feinblech Service GmbH. Driven by those results, the decision was made two years ago to purchase the new cut-to-length line, which was delivered in 2008. At the EuroBlech 2006 the first conversations between Andreas Dücke and Albert Reiss, ARKU President, were held. The medium-sized Steel Service-Center in Hagen did not want to leave

anything to chance.” ARKU assured us they could meet our high standards,” said Dücke. “We couldn't have expected them to be that specific in meeting our goals.” Hagener Feinblech Service GmbH was founded in 1992 with seven employees and today employs 80 staff. In November 93 the first cut-to-length line was installed. 1998 the second one was purchased - this time with a vacuum-stacker for processing non-ferrous metals just like aluminium. “We were the first private Service-Center,



Andreas Dücke HFS Technical Director in discussion with Ewald Hund Technical Director of ARKU

able to deliver geometrical cuts” says Wilhelm Sauer, Sales Director of the Service-professional in Hagen. To keep up with increasing application of high tensile materials, the investment was made in a new cut-to-length line during 2008. “The leveler

is the core of each cut-to-length line”, explains Ewald Hund, ARKU Technical Director. “The levelers capacity is often the bottle neck of a cut-to-length line” ARKU’s high capacity leveler, HiCap[®] PLUS, is equipped with

Quotation

In the middle of difficulty lies opportunity.

(Albert Einstein)

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PILANA TOOLS

Czech Republic

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a cassette-change system. In one leveler, cassettes with varying roller diameters can be used. Thus, the HiCap® PLUS offers the thickness range of two machines. ARKU high capacity levelers are especially effective in leveling high tensile sheet metal. Therefore, beside the good leveling roller support and stiff construction the patented drive concept of the HiCap® PLUS, EcoPlan® significantly reduces the torque required on the cardan shafts. The power increases

30% while the energy use remains constant. The new cut-to-length line for up to 2.100 mm wide metal strip was brought into service mid 2008. This line processes coil-weights up to 30 tons and sheet metal up to 4 mm thick. In addition to edge trimming the cut-to-length line divides the strip into two by a mid-cut. "The first impression that we had of ARKU proved true", Andreas Ducke says. "It was a great cooperation and the results are impressive." ■

ARKU HiCap® PLUS – equipped with a cassette change system for varying roller diameters

Trumpf Ditzingen

Trumpf Werkzeugmaschinen counts on FlatMaster® 50 for in-house assembly

Ditzingen/Germany – Trumpf is renowned as a manufacturer of precision machines at the very highest stage. In October the ARKU FlatMaster® was installed at Trumpf Ditzingen – another FlatMaster® was delivered to the Trumpf-plant in Linz/Austria.

Trumpf was already aware of the considerable advantages of leveling when they decided to invest in an ARKU FlatMaster® in August 2008. Levelled sheet metal parts are

flat and nearly stress-free. The smaller the residual stress in the parts, the better the results in subsequent welding, bending or chamfering processes. Trumpf already had considerable experience using a leveler. However

One main reason to choose ARKU is the convincing leveling results; even with a high diversity of parts and materials. Another advantage of the ARKU FlatMaster® is the quick change system of leveling and

Bernd Kempte (left) Trumpf division manager PE sheet metal components and Andreas Hellriegel examine a leveled sheet metal part during the final inspection of the FlatMaster® 50



The FlatMaster® in action at the assembly hall of Trumpf, Ditzingen.

that leveler no longer meets today's high quality demands. "Especially with laser welding the previous processes are essential" explains Bernd Kempte, Trumpf division manager PE sheet metal components. "The better the production line is equipped, the better the final product!"

back-up rollers. At Trumpf every machine is subject to the process preparatory maintenance – for minimizing unscheduled stops in production. "Maintenance points of the FlatMaster® have excellent access." Mr. Kempte comments on his choice. "The machine totally met our expectations." ■

ARKU-Ticker ▶

Exhibition calendar on the web!

With a total of eight exhibitions in seven countries this year, ARKU is represented at more exhibitions than ever before. Next exhibitions are the Mach-Tool from June 16th to 19th in Poznan, Poland and from November 15th to 18th the FabTech in Chicago, USA. The new exhibition calendar on the ARKU homepage shows when and where you can find the experts in leveling next!

Retrofit of existing coil line for Brazil

Brazil – At the moment few sheet metal formers need more capacity. Far from it – often the machines are under-worked. But this offers the opportunity to improve efficiency. More and more users plan to put coil-lines out of service or think of combining them to make more effective use of existing lines. The change of

single components, a shear or a leveler for example, is increasingly being considered. ARKU is well prepared for this idea and built a powerful customer service organization over

for service-center equipment. The ARKU Service technicians also handle machines from other manufacturers. The current highlight of the topic "from old to new" is

"From old to new" – ARKU Retrofit – an old cut-to-length line is being modernized



ARKU service technicians Wilfried Kentsch (center) and Michael Grossmann (right) in discussion with Leonardo v. Orsi of TM Bevo

the last few years. With a total of 20 employees managed by Customer Service Manager, Ms. Ulrike Koch, the team completed successfully many projects. For example the moving of complete press feeding lines at the Daimler press plant in Mettingen or general overhauls

the remodelling of an ARKU cut-to-length line from the year 1994 for the Brazilian Company Acoplan. The line of the new customer will feed a new Schmid-press. For further information please visit our homepage www.arku.com at service and modernization. ■

Sheet metal with 16 mm thickness at Meteor

The Feintool HFA 14000plus with ARKU press feeding line for sheet metal thicknesses up to 16 mm at Meteor Umformtechnik GmbH in Zella-Mehlis



Zella-Mehlis/Germany – Meteor Umformtechnik GmbH + Co. KG, is a company rich in tradition in Thuringia, Germany and specializes in manufacturing entire components. The fine blanking company from Zella-Mehlis mainly supplies the automotive, and construction industries. "We care for our customers from the first step of development to the point of the ready-to-install device" reports CEO Werner Keßler. Inside the blanking shop you can find machines with press capacities of 280t up to 1400t, constructed



Francois Juhasz (left) Feintool AG Lyss Projectmanager and Thomas Koob (center) Meteor Umformtechnik maintenance during final inspection of the ARKU press feeding line in Baden-Baden

for higher sheet thicknesses. At last ARKU delivered a feeding line for a HFA14000plus fine blanking press of long-time partner Feintool AG, Lyss. The ARKU compact press feeding line is equipped with a precision leveler and even processes sheet metal strip with a thickness up

to 16 mm. ARKU is proud to have the confidence of Meteor Umformtechnik. Altogether the Thuringian fine blanking specialist already has seven ARKU lines in use. www.meteor-umformtechnik.de ■

Strengthening for the ARKU-Team in NAFTA and Poland

By the end of 2008, ARKU expanded the sales-team for select foreign markets. As a result, Mr. Gerd Huber will assume control of ARKU Coil Systems in Cincinnati, USA and Mr. Claudiusz Piekorz will place specific focus on the Polish market.

New ARKU leveling book available

ARKU leveling book in revised fourth edition. "Leveling with Roll Leveling Machines", will be sold over-the-counter beginning in July. ARKU set out to update this standard work on leveling technology and adapt it for today's readers. The publication of the first English issue of the ARKU leveling book is scheduled on July 2009.

Lichtentaler Allee in Baden-Baden

Baden-Baden – What once has been grassland and fields is today one of the most popular park avenues in the world. In 1655 the first steps were made towards today's "Lichtentaler Allee". Initially, the avenue was sited an oak alley. The

re species impressively reflect the magnificence of nature. As a historical monument of landscape architecture the Lichtentaler Allee celebrated its 350th birthday in 2005. Visitors as well as inhabitants of Baden-Baden both use every sunny day for extended promenades on this landmarked



alley began at the theatre and ended after 800m. Today the Lichtentaler Allee measures 2300 meters, from "Goetheplatz" to "Klosterplatz" in Lichtental, a district of Baden-Baden. More than 300 different forest species and bushes grow there. Azaleas, beech trees, oaks, magnolias, redwoods, rhododendrons, and even mo-

Combine your visit at ARKU with a relaxing promenade through the Lichtentaler Allee. Not just the botanic attractions but also adjoining ancient mansions, grand hotels and ornamented bridges are worth a visit in Baden-Baden.

www.baden-baden.de
www.lichtentalerallee.de

Personality

Ulrike Koch

Originally born in Frankfurt, Ulrike Koch has served the ARKU-Service Team since September 2007. Thanks to her years of experience in service



service manager. She brings strong intuition and professionalism to her duties and responsibilities and always listens to the customers wishes.

Her skills in craftsmanship and sleight of hand also serve Ulrike Koch in her free time. When the passionate motorcyclist is not right en route with her Moto Guzzi 500, she likes to take the screw-wrench herself to restore old bikes. When her free time is not focused on engines or other techniques, she spends time Nordic walking and jogging to stay in shape.

Are you interested in the ARKU customer service? Then Ulrike Koch is the right person to ask:

ulrike.koch@arku.de

and machine building she has an especially good sense for customer needs. She started as an assistant and then advanced to become ARKU customer

FlatMaster® 80 for saw blade industry

**PILANA TOOLS in Czech Republic counts
on ARKU precision leveler for parts**

Founded in 1934 by Mr. Studeník, Pilana Tools started producing hand saws and

chines, CNC milling machines, parts levelers, automatic furnaces and other automatic and semi-automatic machinery.

In 2007 PILANA TOOLS decided to invest in an ARKU FlatMaster® 80. The old machine needed to be replaced because it no longer met today's

to advanced industrial countries, such as Germany, the U.S.A., France and Great



The ARKU FlatMaster® 80 being loaded for it's way to Pilana Tool, Czech Republic

circular saw blades. Later on the product line was gradually enriched by cutters for wood cutting and other tools for wood working as well as TCT circular saw blades, gang saw blades, planer knives, machine knives, metal cutting tools and saw bodies. From 1948 to 1992, Pilana Tools was a state-owned enterprise. In 1992 the company was transferred to private ownership.

Employing about 650 staff, today PILANA TOOLS continues to experience dynamic development and is one of the biggest producers of tools in Europe. More than 60% of their tools are exported; especially



ARKU leveling specialist Patric Jobst with Czech ARKU representative Mr. Boris Kolar and the customer during pre-inspection in Baden-Baden

Britain. Production improvement and automation is a high priority.

The tools are made from the best-quality steel. Additionally the quality is closely monitored at every stage of production. To ensure the highest precision, the most up-to-date equipment is used: Laser, CNC grinding ma-

high quality demands. Additionally, the production manager, Bedrich Chyla, was unhappy with the machines service and cleaning options. The main reason they chose the FlatMaster® was the convincing leveling results; even with high tensile material used for saw blades. Beyond that, the FlatMaster®'s quick-change system provides quick and easy cleaning and access to maintenance points.

If you are interested in high-quality saw blades and tools for competitive prices, get in touch with the experts of PILANA TOOLS.

PILANA TOOLS

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Aerial view PILANA TOOLS Wood Saws spol. s.r.o.