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Second robot installed:

Schwanog continues to invest in new technologies!

Just 8 months after putting the first Haas grinding center with robot technology into operation, production manager Hummel was able to put the second grinding machine with integrated robots into operation. As a result, Schwanog is consistently focusing on the latest technologies in order to increase efficiency even further, especially for larger batch sizes.

The grinding center represents the central core of Schwanog's production, in addition to EDM wire cutting and milling. Our company is investing further in the future with the expectation to increase our technical know-how and efficiency, which results in a competitive advantage for our customers.

The integration of the latest in robot technology has proven itself and is the basis for our future production strategy, extending on to include complex automation solutions.

Currently, the Schwanog insert blanks for the grinding process are loaded into the Haas grinding center by the robots and are removed automatically afterwards. This has resulted in a noticeable and permanent reduction of setup times.

Welcome to the Schwanog Technology Park!



EDITORIAL:



Dear Business Partners,

The positive development in the economy is continuing, even during the first two months of the new year. These are positive signs and we feel they represent the prerequisites for further investments in increasing productivity and consequently also for securing our location in the long term. The experiences gained from the crisis that is behind us will improve our ability to respond to future market fluctuations more efficiently.

Increasing productivity is the key to success, for you as well as for us as your technology partner. This is the reason why we already decided last year to pursue the path to our own complex automation solutions with a second robot-equipped system.

This new path is followed in sales and marketing as well. As a result, the Swiss market is being supported by us directly as of January 2011; this will establish Schwanog solutions for increasing productivity even more intensely in this market.

In the United States, we expanded our manpower in sales and production adding two more employees, while in France, Dominique Rossetto experienced a great deal of positive feedback due to hosting his first "Open House" event.

Therefore we are starting into 2011 with a big deal of enthusiasm and energy and wish you lots of success and look forward to many joint projects!

Yours truly, Clemens Guntert

Schwanog USA increases sales and production workforce:

Richard Bishop and Joseph Amstadt new to the team!

Thanks to the continuous growth in the USA, Schwanog has expanded its manpower in Sales and Production departments – the intensive groundwork of the last years is increasingly bearing fruit.

Customers in the USA are honoring the achievements of the Schwanog team in individual machining solutions with high productivity advances as a result of intensifying their collaboration. In addition to the medical industry and aerospace, the automobile industry is

booming as well due to new products and therefore new requirements from the contract manufactures.

Holger Johannsen, the head of Schwanog USA is very pleased to have acquired an experienced industry professional in the person of Richard Bishop.

Richard will be responsible for internal and outside sales and will support our customers in obtaining the perfect Schwanog tooling solution for their applications. After graduating with a major in Engineering from the

University of Southern Illinois, Richard gained his Precision Machining Certification at the Tool & Die Institute in Park Ridge, Illinois.

His professional careers led Richard to the technical sales department at J&L Industry Supply where he functioned as a tooling applications engineer and to positions as a mold & die as well as tool maker. Richard is very pleased to be able to contribute his extensive experience and high level of dedication to Schwanog.

This is Richard's dream job and correspondingly high is his level of enthusiasm due to the opportunity of being able to support existing and new Schwanog customers. Away from Schwanog and in his free time Richard enjoys wood carving & wood working.

The dynamic sales trends also required support in production and we are convinced we have found the right person in Joseph Amstadt as a CNC Tool Grinder.

Joseph graduated from Elgin, Illinois College with a major in Industrial Manufacturing Technology and gathered extensive experience in the production of precision parts during the last 3 years as a machine operator at Precision Twist Drill a division of Sandvik. Joseph now looks forward contributing his skills and experience into the Schwanog team. High-tech machinery and applications is the combination which motivates him daily in his profession. Joseph enjoys new challenges and therefore looks forward to his new task within the Schwanog team. Relaxation from Schwanog finds Joseph in fishing, hunting and traveling.

The Editorial team wishes Richard and Joseph a good start and much success within the Schwanog team!



Richard Bishop and Joseph Amstadt



April 19-21, 2011
Columbus, OH
Greater Columbus
Convention Center

Schwanog LLC | Hall: F | Booth: 839

Turning Days 2011:

Welcome to the center of Germany's turned parts manufacturing!

Following the overall extremely positive experience at the Turning Days 2009, Schwanog is back again at the starting line at this special exhibition which is held every two years.

Our company will be presenting new machining solutions such as ID turning, form drilling with the PWP-D system as well as case in point applications of leading technology sectors such as the automotive, medical technologies, mechanical engineering, etc.

We welcome you and look forward to your visit!



Schwanog at the Turning Days:

Date: April 13 -15, 2011

Building: B

Booth: 33

1. Open House in France:

Visitors display their enthusiasm!

Dominique Rossetto invited all Schwanog customers and close friends to Tyez to an Open House during February 23 – 24, 2011. In co-operation with technology partners Göltenbodt, Visicontrol, Zoller and Star, the latest solutions for increasing productivity and securing one's position were presented to interested visitors.

The first event of this kind introduced by Schwanog France enjoyed huge interest on both days. According to Dominique Rossetto, the visitors were impressed by the relaxed atmosphere since this also made it possible to discuss individual applications and subjects in detail. The idea of presenting a

network of competent technology partners also generated a positive response.

The following solutions were the focal point of the Open House:

- Thread whirling
- Thread milling
- Serration / broaching of grooves
- Drilling using insertable inserts
- Shave tools
- Form- Plunging
- Polygon turning

That visitors as well as exhibitors were well taken care-off on both days of the Open House, considering the quality of life of our French friends is needless to mention. Motivated by the rewarding response, the Schwanog Team France and Dominique Rossetto are already planning a continuation of the Open House event next year.



Down with unproductive costs:

Broaching of serrations, the productive way!

Driven by a passion for achieving highest possible productivity, Schwanog generates new productivity sources with its broaching tools. Producing serrations on CNC lathes in a single machining process is only one of our missions, which result in astonishingly high cost savings. The fascinating fact about broaching of serration with Schwanog is the implementation of the teeth in just one operation.

Furthermore by eliminating the otherwise necessary post machining process on another machine (de-burring) as well as the logistic for the parts such as handling, planning and controlling of the post machining process has a very positive effect on your profit.

Challenge us with your applications; our team awaits you with enthusiasm.

Your Advantages:

- Significant reduction in setup costs
- Entire part manufactured in a single process
- Elimination of post machining process
- Substantial reduction of part cycle time due to faster production cycles
- Individual tool solution based on your specific application

Powered by productivity.
Kerbroachung mit Schwanog.

Angetrieben von der Leidenschaft für höchste Produktivität setzt Schwanog mit dem Verzahnungswerkzeug neue Produktivitätsenergie frei. Kerbroachungen als Komplettbearbeitung auf CNC-Drehmaschinen sind unsere Kompetenz. Überzeugen Sie sich!

Die Fakten:
- Deutliche Reduzierung der Rüstkosten
- Komplettbearbeitung in nur einem Arbeitsgang
- Der sonst erforderliche Nacharbeitsgang entfällt

www.schwanog.com

PWP-D System:

A new dimension of form drilling!

With the introduction of our product solution "Form drilling with insertable form tools", we have received first-class feedback in regard to quality, productivity and surface finish quality from our customers.

Due to the vast increasing demand of our custom ground drill inserts we immediately responded and expanded our product line.

The inserts of our new PWP-D system are available in widths of 18, 23 and 28 mm which now permit to cover bore diameter of up to 28 mm, achieving considerable larger drilling depths as well when compared with the PWP system.

Utilize the new competency „Form drilling“ from Schwanog and increase your productivity and reduce costs by up to 60%.



Your Advantages:

- Inserts widths 18, 23 and 28 mm
- Considerably larger drilling depths than PWP system
- Savings of up to 60 %
- Increased tool life and superior surface finish quality

Expansion Strategy Switzerland:

Schwanog to support Swiss market directly!

Effective as of January 1, 2011, we have completely restructured our sales and marketing in Switzerland. After many years of collaboration with our old partner Diametal in Biel, both parties have agreed that Schwanog will support the Swiss market directly.

Our objective is to use the direct contact with our customers and the huge market potential to bring the Schwanog solutions for increasing productivity closer to them in a more intensive manner. The product range has clearly expanded as a result of the wide-spread innovations, and the array of sectors has also developed in a noticeable manner with regard to cultivating the market, especially in the last two years.

We have divided the support of our customers into the German / Italian speaking and the French speaking territories of Switzerland.

Ralph Storz will support our customers and interested parties with his long-standing experience in the German and Italian speaking territories of Switzerland.

Dominique Rossetto, with his own production and warehouse facilities, will be responsible in supporting the French speaking region of Switzerland and provide first-class service and advice.

Due to the mostly individual requirements we are convinced that this decision will result in supporting our customers in better, more efficient manner than before.

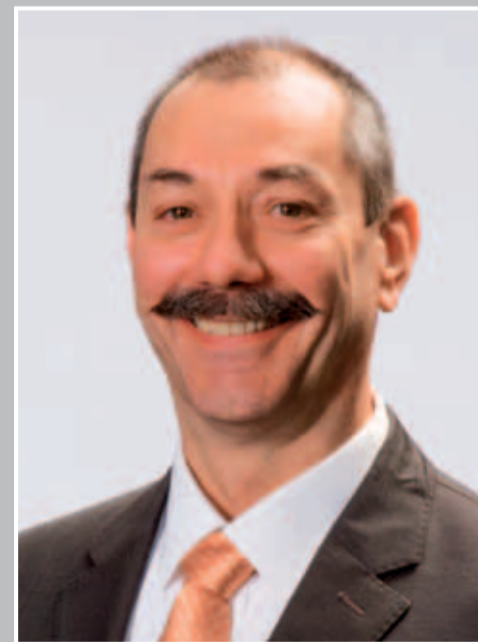
We look forward to working with you directly!

Your contact partner for the German / Italian speaking territories of Switzerland:



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