

Successful fair appearance:

Visitors want innovations

On 2 April, the Düsseldorf trade fair, wire 2004 ended with a positive result. Exhibitor expressed great satisfaction at the establishment of new contacts and the conclusion of deals. Among the 967 wire exhibitors. 65 per cent of the wire visitors decision-making competence in regard to purchases. "This was the most successful trade fair we have ever had in Düsseldorf. We are extremely satisfied!" reported Dr. Horst Birkmann, President of the International Wire and Cable Exhibitors Association (IWCEA). "We are very confident that the large number of excellent contacts will lead to successful business deals. The trade fair in Düsseldorf has encouraged us as the exhibitors to invest into the future."



BRANKAMP-stand at the wire 2004 in Düsseldorf

The trade visitors unanimously praised the excellent offer at the exhibitions. On the five fair days, a total of 61,000 visitors found their way to the Rhine. Trade fair, the wire stands out in particular due to their high degree of internationality. Well above half of the visitors and 65 per cent of the exhibitors

came from other countries than Germany," said Wilhelm Niedergöcker, Managing Director of Messe Düsseldorf GmbH. The trade visitors of the wire represented 72 countries. In addition to the traditional countries represented, such

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Installation

eR5: As comprehensive as simple

The BRANKAMP eR5 reporting system displays key production data while being easy to install.

The practical test was recently effected by a manufacturer of stampings from Pforzheim—and that almost all by itself. The company had ordered the system including the installation CD via by mail and, once

received, proceeded to install it on its own—without further ado. In addition to the CD that guides through the installation process, users can also visit a website informing them about the functioning and special features of the eR5 system. Further details on this are provided by clicking on "BDE" (ODC) on the product page of www.brankamp.com.

Results of the trade fairs:



SIMODEC and Südblech met with good response

Both the Simodec in the French La Roche-sur-Foron and the Südblech in Sinsheim, Baden-Württemberg, turned out to be a complete success for BRANKAMP.

Visitors showed great interest, thus enabling the company to conclude several business deals. "At the SIMODEC, we signed a major contract with the Schütte company for the automobile supplier Beru," said the holder of general power of attorney, Werner Ebeling. Bernd Tapaß, who represented BRANKAMP at the Südblech, also expressed his satisfaction.

News

MAJOR CONTRACT FOR BRANKAMP

In February, the Spanish specialist in cold forming parts, Celo S.A., seated in Barcelona, ordered 35 process monitoring systems from BRANKAMP. The decisive factor in its decision had been the integrated autopilot, "Optimizer" (see p. 4). This a program ensures a particularly simple operation.

SEISSENSCHMIDT AG INCREASES SALES

In the past year, Seissenschmidt AG from Plettenberg, Germany, achieved an increase in revenues for the eleventh time in a row. With its 360 staff, the Sauerland automobile supplier generated sales of around 86 million Euro, corresponding to an increase of over 10% as against the previous year.

FUTURE OF PEDDINGHAUS SECURED

On 1 January 2004, the Indian automobile supplier, Bharat Forge, took over its insolvent competitor Peddinghaus, seated in Ennepetal. With its new shareholder, Peddinghaus anticipates an improvement of its position on the global market.

PRECISION TOOLS IN THE ASCENDANT

"Following a difficult, though successful, year 2003, we anticipate an increase in sales of two per cent in 2004," says Dr. Dieter Kress, Chairman of VDMA's Precision Tools Association. In the past year, the sector achieved a new sales record of well over 7.7 billion Euro—that is more than 7% of the total turnover of the entire machine construction sector.

QUOTE OF THE MONTH:

»We live in a world in which everyone knows the price of everything and the value of nothing.«

Oscar Wilde (1854–1900), English writer

Cannex 2004

26–28 May 2004 Colorado Convent Center
Colorado, USA

BRANKAMP exhibits on the Service Tool International booth.



The special issue

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"Boma organises everything as required"

News

NEW EXPORT HIGHS SPUR ON THE AUTOMOBILE INDUSTRY

In 2003, the German automobile industry sold a total of 3.67 million cars to other countries, thus setting a new export record. This was announced by the President of the Verband der Automobilindustrie (Association of the Automobile Industry), Bernd Gottschalk. In contrast, sales in the domestic market stagnated, totalling 3.24 million cars. For 2004, after four years of stagnation, the VDA anticipates the domestic demand to grow by three per cent.

VDI CONFERENCE: BRANKAMP INTRODUCES NEW MEASURING PROCEDURE

At the last VDI conference, Brankamp introduced a new procedure that allows the exact measurement of forces on thread rolling machines. Using a calibrated chain, it is now possible to determine the absolute force, thus facilitating the adjustment of machine and tool to ensure the manufacture of a correctly produced part with the least possible force.

FIGURE OF THE MONTH: How long do we work? Actual annual working time in hours per gainfully employed person in 2002

NORWAY	1342
GERMANY	1444
DENMARK	1499
FRANCE	1545
ITALY	1619
GREAT BRITAIN	1707
USA	1815
AUSTRIA	1824
GREEK	1934

Source: Institute of the economy Cologne OECD

The Norwegians finish work earliest. With 1,444 working hours per employee, Germany took second place in 2002. Clocking up 1,934 hours, the Greek work longest.

Portrait

The Italian



Giovanni Bianchi right understanding of their expectations and objectives, claims Giovanni Bianchi. The native Italian grew up near the Tessin border in Luino. After his studies of electrical engineering, he immediately packed his bags

and came to Germany—without ever having spoken any German. This, the 38-year-old could make up in his first six months in the country. It was all the time he had before being accepted for a job at BRANKAMP. Today, as a BRANKAMP area manager and holder of general power of attorney for Italy, he looks after the customers in his native country. In addition, he is responsible for our trade fair appearances, both in Italy and international-

ly. But despite the many travels, he knows exactly what is missing: "The mountains! I miss the mountains. And I would like to do more sports." Instead, there are great demands made on him at home—by his 1 1/2-year-old daughter, that is. And in only a few months' time, the Bianchi family will welcome a further addition to their small tribe. Prior to that, however, Giovanni Bianchi will be celebrating his 10th anniversary with the company. Congratulations!

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Visitors want innovations

as China, India, or the CIS countries, there were also visitors from such far-away places as Peru, Venezuela, Ghana, Chile, Burkina Faso and Trinidad.

The primary interest of the visitors at the 2004 wire focused on machinery for wire manufacture and processing (48%), materials, special wires machinery for the manufacture of wire products (23%), and materials processing tools (22%). The majority (81%) of the visitors at the 2004 wire came from industrial sectors of the economy.



BRANKAMP Supervision Display

Dr. Gunther Voswinkel, Vice President (Europe) of the International Tube Association (ITA), commented both on behalf of the Association and from the point of view of an entrepreneur, expressing his great satisfaction at the

development of the trade fair: "We are delighted about the participation in the wire 2004. We were able to renew our existing customer contacts, establish excellent new ones and start business discussions. We expect the post-fair business to be very satisfactory." The positive mood at the exhibition was also shared by the trade fair visitors: 97 per cent spoke very highly of the 2004 wire.

The next wire in Düsseldorf will be held simultaneously again from 24 to 28 April 2006.

IMTEX 2004

BRANKAMP in India



Many visitors on the IMTEX 2004

The Indian Machine Tool Exhibition, IMTEX 2004, was a complete success. From 28 January to 3 February 2004, international machine and tool manufacturers met in the Indian town of Mumbai

at the largest machine technology fair in the South-East Asian region.

BRANKAMP joined in with a stand of its Indian representative, Kriti Intertrade, a re-



BRANKAMP sales manager Gerd Köster at the Kriti booth

nowned manufacturer of cold forming tools. As the BRANKAMP representative, Gerd Köster, informed us, this fair was less about presenting innovations. "Rather, the objective of our presence was to establish new contacts in an economically prospering region of the world," said Köster. "The interest in our process monitoring systems was as great as never before."

Individual production

Boma organises everything as required



The BlueMode display from BRANKAMP features the key display and operating elements.

Whether on single-print, double-print, or multistage presses, on thread rolling machines, hot forming or forging presses—in BOMA, BRANKAMP offers a machine and tool protection concept that is adaptable to the individual requirements of each production process.

BOMA stands for “BRANKAMP Open Modular Architecture” and signifies a concept that enables a monitoring system or device to be continuously extended by means of different modules, thus adapting it to the changing requirements in production. With it, the initial

is also facilitates, for example, the monitoring of several machines on one terminal and receiving their operating data.

Individual display, operating, and surface concepts

BOMA is based on the BRANKAMP process monitoring system B100. In order to be able to show all that this system is capable of, a whole host of display, operating and surface concepts can be connected—depending on the individual requirements. Not to mention that it features a special sensor technology and special monitoring processes for each production operation.

To visualise the sensor display of the B100, displays such as a BlueMode can initially be connected. This is the actual counterpart of the B100 and is

only little bigger. Yet it is already capable of displaying and allowing the operation of the most important graphic charts. Since BRANKAMP has fitted all its displays and terminals with

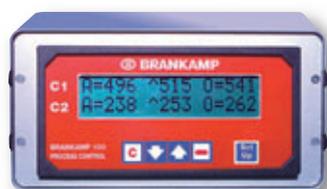
the latest and most up-to-date PC technology, the Erkrath-based company offers a correspondingly great number of customised solutions.

“Supervision” shows production in real time

Therefore, instead of a simple display, even far more complex modules can be connected, such as the GT terminal. It offers all the possibilities of process monitoring—visualisation and operating data capture. The size of touch displays ranges from 6.5 inches, which corresponds to the navigation system of a car, to up to 20 inches.

However, BRANKAMP also offers TFT displays or normal colour graphics displays with keyboard. The latest pièce de résistance here is what is known as the BRANKAMP Supervision, a display that can simultaneously show up to six live pictures of the production.

Every module is easily installed and can be operated intuitively. In addition, they can be added as required—depending on the challenges facing the production and the requirement to be met. Naturally, each module can also be integrated into the CNC control of the machine.



BRANKAMP B 100 is the base of BOMA-Concepts

priority of collision protection can later be changed in any way or ideally adapted to the many different production processes. In this way, production can continue even during breaks or in ghost shifts. Furthermore, it



The functional GT terminal



CMS GT ensures transparency in production

CMS GT opens up manifold possibilities

Machining centre: spindle protection

The process monitoring system CMS GT from BRANKAMP protects machining centres effectively from collisions and cost-intensive damages to spindles. As a consequence, this lowers excessive costs for repair and increases the operating times of the machines.

A special sensor technology immediately recognises any sudden force changes and in 0.00165 seconds flat sends out a signal that triggers an automatic switch-off of the machine. To avoid human failure—the most frequent cause for collisions—the system helps user even during the setup of the

No	Name	Preset hours	Stop active	Actual hours	Remain hours	Start Date	Time
1	Cooling	2500	✓	122	2378	24.01	13:36
2	Safety Check	2250	✓	122	2128	24.01	13:36
3	Lubrication	2000	-	1863	137	05.11	12:08
4	Small inspect.	2500	✓	122	2378	24.01	13:36
5	Inspection	5000	✓	122	4878	24.01	13:36
6	BSP Service	5000	-	122	4878	24.01	13:36
7	Small maint.	2500	✓	122	2378	24.01	13:36
8	Gr. maint.	7500	✓	122	7378	24.01	13:36

Critical: 3
Minimal time remain: 137 h

Stop active: No

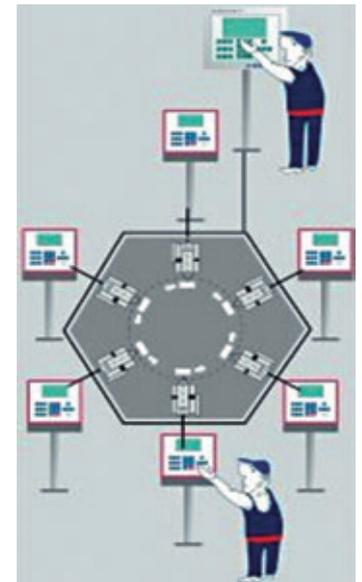
Act. Article: 1 view 29.01.04 15:22:34

The maintenance mask

machine. Thus, the CMS GT provides optimum protection from consequential damage due to collisions in the event of a program-

ming, setup, or operating error. At the same time, it significantly reduces any standstill times. The system will thus have paid for itself

in only a short space of time. The production data of all machinery are available on the GT terminal. In addition to a general picture, data can also be called up individually and evaluated in detail. Furthermore, the service mask provides the operator with an overview of any maintenance intervals.



CMS GT: Central and decentralised operation in the machining centre

User-friendliness

CMS GT—plug and play

Despite extensive functions, the CMS GT has as little as four buttons—for simple and intuitive control.

The operating concept is similar to that of a mobile phone: Just as easily as the operator would send an SMS on his mobile phone or retrieve stored numbers can he navigate through the various menus of the CMS GT. The advantage: Operators are able to handle this device quickly and confidently without requiring training.

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