

WAFIOS convinced their customers through current innovations on the stand at the WIRE / TUBE 2010

While the sky over Germany became increasingly darker with volcanic ash, the horizon for WAFIOS brightened up more and more during the WIRE/Tube 2010. While other suppliers took it a little bit easier and, therefore, attracted less visitors, the stand of WAFIOS was well attended, as always. WAFIOS convinced their customers with fireworks of innovations.

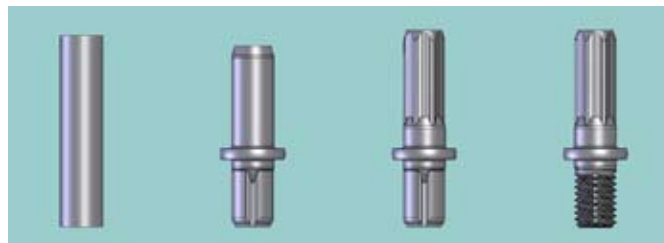
Through the general positive atmosphere the spark of enthusiasm jumped over to our international customers and caused trendsetting new projects additionally to pleasing incoming orders.

Last but not least the presentation of the thread forming on the new cold former 2-die-3-blow CF2N showed new innovation and help for a successful fair presence.

We thank all our customers and interested parties for their visit.

If you were absent or would like to get more detailed information, you are invited to have individual presentations of the machines to Wuppertal. Please make an appointment with us.

► Forming sequence on a cold former CF2N of WAFIOS Umformtechnik cold-formed part with formed thread.



▼ Cold Former CF2N Type HILGELAND at the WIRE 2010 equipped with segmented tooling of Sieber tool for thread forming.



Slogan of this issue:

He who waits until tomorrow to change his life, will never change.
(from Bernhard Steiner)

WAFIOS Umformtechnik at the fair in Shanghai

Please talk to our experts at the WIRE Shanghai from 21.09. – 24.09.2010



www.wirechina.net

Machines available at short notice in approx. 2 – 3 months:

- Cold Former HC 4 (with rotating die block)
 - Cold Former CF2N (2-die-3-blow)
 - Point Forging Machine SKM08
 - Nut Tapper (double spindle) MAS06F, MAS14F
 - Testing and Sorting System HPS
- Additional machines:
Delivery time upon request
Please send us your inquiries. After clearing all technical details you will receive your corresponding offer within one working day.

Machine presentations in Wuppertal

Machines ready for presentation in Wuppertal

Cold Former CF2N

- Features see on the right side

Automatic Pointer SKM08

- Machining shaft ends can also be made with headless parts
- High speed spindle yields high machining speed
- Perfect chip separation
- Machine can run wet or dry: with or without coolant
- Short set-up times, process data can be saved

Cold Former HC 4 (with rotating die block)

- High output and low contact speed of tools
- Longer service life of tools compared with other double-blow headers specially using cross recessed punches
- Specially qualified mass production

Double Spindle Nut Tapper MAS14F

- With double spindle based on the bent shank tap experience
- This machine is equipped with a round nut clamping system
- The special clamping position is inspected
- A sorting system separates all bad parts

Inspection and sorting system HPS

- Pre-sorting of the components via double rollers
- Separation and positioning of the parts with repetitive accuracy
- Electronics evaluates all test criteria with tolerances
- Examination in the side view
- Examination in the view from above
- Color recognition

COLD FORMING



Our highlight for the Thread forming

The Cold former CF2N Type HILGELAND is specially qualified for the production of this part with thread forming as shown at the exhibition.

- double blow on the 1. die is necessary
- die support (2. die) Ø 70 mm minimum
- punch side ejector from 30 – 40 mm

CF2N Special features

Flexibly usable with very large range of products

- large wire diameter range of 2 – 10 mm
- double blow can be switched to first or second die
- large punch-side header ejector
- high shaping capacity
- optional transport without gripper fingers for extremely short components
- optional trimming station
- optionally available preheating devices for semi-hot and hot forming

Precision for the highest quality demands

- rigid, stable construction of the entire machine
- precise slide guide

- low wear due to optimised material matching
- clearance-free locking of the die slide
- vibration-free machine due to rotating mass balance

High availability and low-maintenance structure

- modular construction of the entire machine
- all shaft/hub connections via shrink discs and locking devices
- remote maintenance of the controller by modem
- precise error messages on control panel

CE-conforming safety gear

- sound enclosure cabin for low sound level
- operator workstation in sound-protected area

- two-handed control
- chip guard cover on tool room

Minimized retooling time

- quick-change tool clamping
- hydraulically ejected dies
- individually pressure-adjustable forming punches
- backlash-free X/Y adjustment of the forming punches
- fast adjustment of opening and closing times of the transport fingers
- motor-driven wire-length adjustment
- linear wire feed with one clamping jaw kit for the entire wire diameter range
- all adjustment elements are provided with scaling

Use our offer to inspect and service your machinery from WAFIOS Umformtechnik

For the assignment of our service engineer to inspect our machines in your plant, we do not charge for the work time. Only travel charges and daily allowances are invoiced.

Spare parts and additional work are defined based on the inspection protocol and we work out a corresponding quotation. We grant a special discount of 10 % up to a net



value of EUR 10.000 on the quoted prices.

- Inspection free of charge valid to 30.06.2010.
- Work time, work days from 7:00 to 16:00 hours
- Per customer max. 1 complete workday free of charge.

LEGAL NOTICE

Responsibility for Content of Newsletter
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