

PARTWELL NEWS

Distributors of Die Making, Die Cutting & Print Finishing Supplies.

Drupa 2008



The DRUPA exhibition is Europe's largest trade fair focused on the PRINT, PACKAGING and CONVERTING industries. Scheduled every four years, it provides the perfect opportunity for manufacturers to exhibit new technologies to a worldwide audience. This year the event held in Dusseldorf, provided visitors with a wide range of innovative products for use in all modern converting industries.

Realising that many of our customers were unable to attend the event, we the Partwell team decided that this brief newsletter may be helpful and informative in providing clients with a summary of what the exhibition had to offer to our market segment.

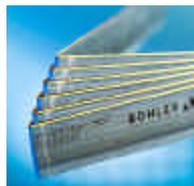


Böhler Cutting Rules

TiNiT rule is rapidly being recognised as a class leading cutting rule that provides the highest level of abrasion resistance during long production runs, even on difficult substrates like foil boards.

With its gold coloured **titanium coating**

TiNiT has a smooth, mirror like bevel that minimises the production of dust, swarf and angel hair making it perfect for any food carton application.



For further information on **TiNiT** visit our website or contact us quoting reference **XXB1**.

Böhler's new SERVICE CENTRE production unit is providing customers with both rapid lead times and low volume

manufacturing capability on non-standard product lines. This allows Böhler agents, such as ourselves, even greater flexibility in providing our customers with what they want, when they want it. For further information on this item, contact us quoting reference **XXB2**.

The latest generation of ROTARY cutting rules

from Böhler offer excellent bendability, with high dimensional stability and accuracy. Böhler rotary rule is an ideal choice for all die makers that require consistency for high output on all automatic rule bending/processing machines.



Available in a wide range of tooth profiles and rule formats to suit any demanding high speed application. For further information on rotary cutting rule, contact us quoting reference **XXB3**.



MARTIN MILLER VIKING FLEX HP is an exclusively offered cutting rule, specially hardened with advanced plasma technology. This sophisticated hardening process offers three clear advantages when compared to conventionally hardened rules:

1. HP rule demonstrates the highest possible bevel hardness of approximately 700HV, compared to approximately 540HV for conventional rules. This hardness is only at the tip of the cutting edge, the exact area wear resistance is required. The result is a long cutting life combined with outstanding bending properties to fulfil the needs of both the die maker and end user.
2. HP Plasma hardened rules do not show any soft zone behind the bevel, providing constant tip hardness.
3. The hardening process happens in a very special atmosphere resulting in a bevel surface that is free from unwanted micro-scale. This provides a smooth and bright bevel surface which minimises the formation of dust.

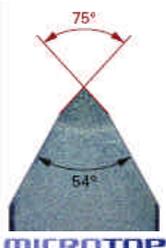


For further information on this item, contact us quoting reference **XXMM1**.

The new **MICROTOP** cutting rule developed by Martin Miller combines the proven properties of the unique HP plasma hardening technology with the advantages of higher bevel strength and increased resistance to deformation through its special bevel geometry.

- ⇒ **MICROTOP** is less sensitive to high cutting pressure
- ⇒ It allows for quick and easy make ready
- ⇒ Long run lengths are provided with reduced tendency to produce angel hairs and dust
- ⇒ The special micro bevel produces a harmonic and uniform pressure distribution resulting in higher shape durability.

For further information, contact us quoting reference **XXMM2**.



New Viking® Plastic Creasing Rules are now available, offering significant advantages over conventional crease rules when used on folding carton applications manufactured from plastic.

- ⇒ Prevents cracking of the carton edge during folding
- ⇒ No 'milky' appearance on the creased part
- ⇒ Facilitates easier machine folding

The rule profile provides a dual score function, which results in a weakened fold line without having to cut through the plastic film which would expose the box contents.

For further information, contact us quoting reference **XXMM3**.



Automated Rule Processing/Bending Machines

Several new machines were being exhibited at the Drupa fair, offering the die maker an even wider choice when upgrading their die shop.

New Automated Rule Processors

Eco-Cut Machine

The new Eco-Cut machine is a 'coil feed' rule processor which has a standard tool format, offering both cutting and notching functions. This basic format which includes the PC and software, is available from just **€25,000**.

The machine can be upgraded as it has a 3rd tool option. Simply choose from a variety of tool options including lipping or perforating tools, providing complete flexibility to the die maker.

For further information on the Eco-Cut machine, contact us quoting reference XGRP1.



COMPLI Machine

The COMPLI rule processor is a strong, durable, high output processor that meets the exacting needs of all modern die shops.

It efficiently processes cuts, lips, notches, perfs, cut/creases, strip punches and even Braille, on all 2pt, 3pt, and 4pt steel rules up to a maximum rule height of 50mm.

For further information on the COMPLI machine, contact us quoting reference XGRP2.



New Automated Rule Bending Machines

ADVANTAGE Multi-Bender

The new ADVANTAGE Multi-Bender offers one of the most accurate rule bending machines for 2pt, 3pt and 4pt rules, with machine options capable of bending rules from 12mm up to 50mm high.

Its unique split pin bending system provides for intricate bending with tight radius, combined with its post cut/lip function and wide option broaching unit—many rule shapes are now available straight from the machine.

For further information on the new ADVANTAGE Multi-Bending machine, contact us quoting reference XGRB1.



TOP Machine

The TOP computer automated rule bending machine offers an ability to produce bends, notches, lips, cuts, perfs, broached lines and nicks from one machine. This brand new multi-functional machine offers auto broach deepness and auto notch height, with fast tool changes.

It is available to cover applications on 2pt, 3pt and 4pt steel rules, up to a maximum height of 60mm.

For further information on this item, contact us quoting reference XGRB2.



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Proud Agents for: Böhler, Martin Miller, Hel mold, Gerber, Varo, Channel, Trimplex & ManMat

