

CustomerNews

Version 2/2006, 2006-08-28

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1. Software upgrade: Bysoft 6.7

Less programming and optimized cutting processes combined with better use of material: the latest version of the Bystronic CAD/CAM software package is available now.

The latest version of the Bystronic cutting and bending software, Bysoft 6.7 introduces some new technical features that will deliver further process improvements in your factory. Detailed documentation on the new software packages can be requested by e-mail from support.bysoft@bystronic.com.

A "TAR Editor" is now included in the Bysoft 6.7 package. This additional module can be used to create new Technology wizards or modify existing technology rules, all with the utmost simplicity. This lets you optimize the Technology wizard according to your requirements.

Another new facility is provided by the Unfolder module, which can transfer unfolded views generated from 3D models not only to Bybendpart but also to Bypart. The Unfolder module is an optional add-on available at extra cost.

Summary of the benefits of each new feature:

Better use of raw material

- Better use of raw material compared with Bysoft 6.6 is achieved in nesting if the new Technology wizard assigns the cutting technology to individual parts. The new Technology wizard positions the lead-ins more intelligently for better use of space when the parts are nested.
- Thanks to the new leftover-material management facility, leftover sheets can be stored conveniently in the database as soon as they arise during nesting, and are always available for nesting further parts or jobs.

Optimized cutting process

- The Technology wizard for automatic setting of cutting technologies is now based on tables.
Using the new TAR Editor module in Bysoft, you can optimize your production processes to suit your needs.
- The Technology wizard takes account of parts geometries to optimize the lead-in position on inner and outer contours (see Fig. 1).

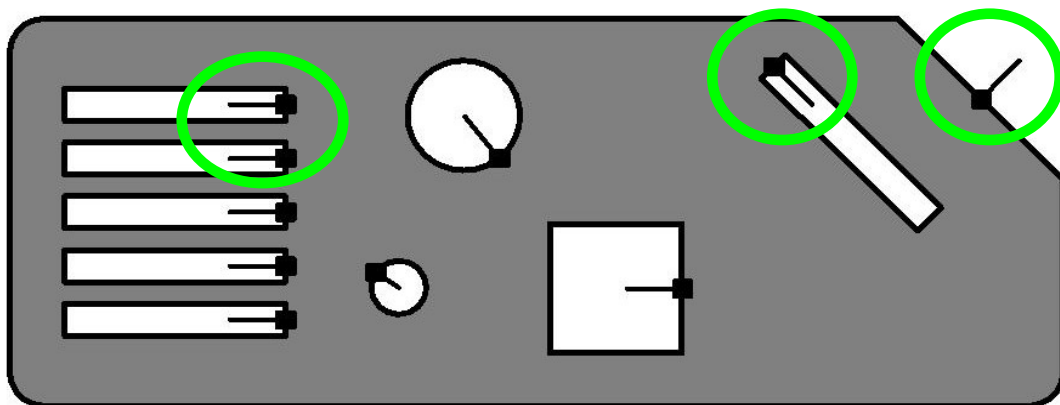


Fig. 1: Technology wizard can take account of parts geometries

- Contour recognition for optimum lead-in position
- Lead-in reaches maximum length
- Optimum lead-in position saves raw material
- More parts per sheet

- The operating modes for the processing sequences can now be prioritized and grouped and can be assigned to the part to be processed using the Technology wizard.
- The processing sequence can now be set as a function of inner-contour size.
- Pre-piercing can now be performed in pulsed mode (see Fig. 2).
By using these three options above, less heat is introduced into the sheet and hence a better cut quality is achieved together with increased process reliability.



Fig. 2: Bysoft 6.7

- Hole 10 mm
- Steel 15 mm
- Pulsed pre-piercing per part
- Macro 1

The present example shows clean cut holes with small distance to each other thanks to the pulsed pre-piercing.

- The operating mode for the lead-in can be set in Bysoft 6.7, resulting in increased process reliability for shorter cutting times.
- The operating mode for vaporizing off films or rust can also be specified, resulting in increased process reliability.

Streamlined programming

- The new CAD icon in the toolbar lets you import all known 2D CAD files.

Saving: 2 mouse clicks

- Operating modes and piercing types are shown in different colors, so that all operating modes for the parts to be cut can be seen at a glance (see Fig. 3).

Saving: 10 – 30 mouse clicks

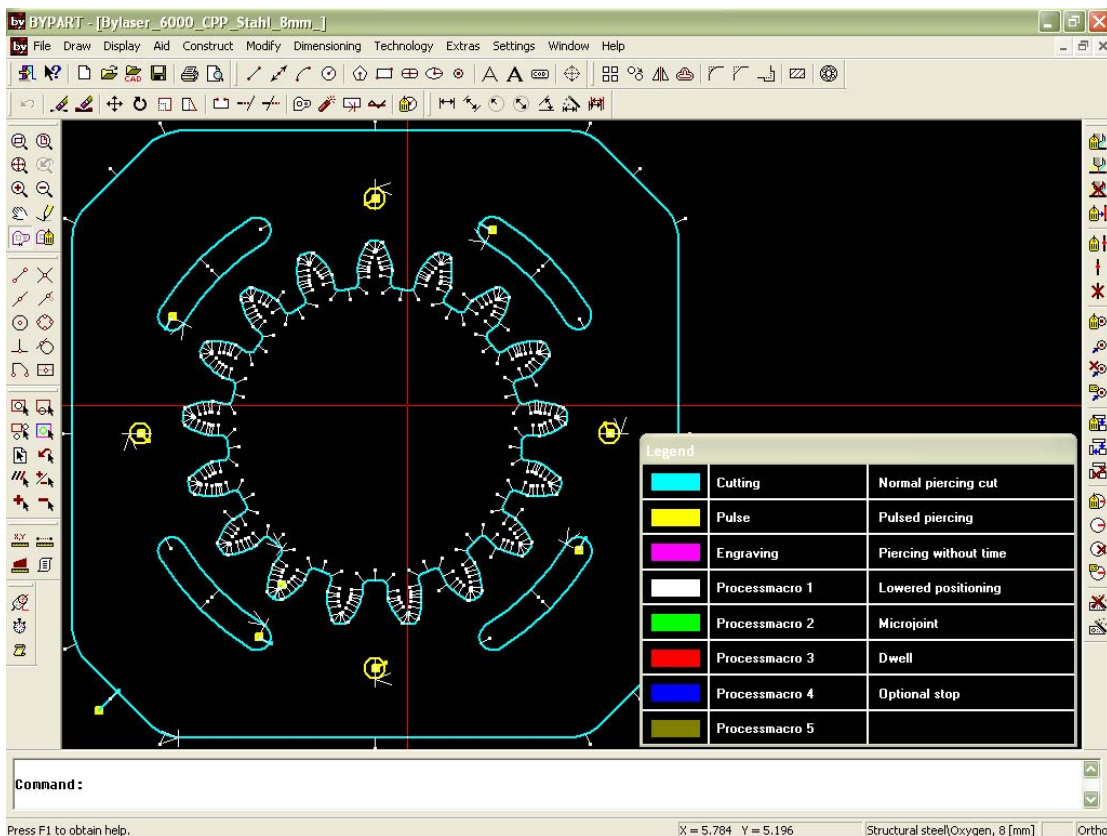


Fig. 3: Operating modes and piercing types can be shown in different colors.

- Single parts can be modified directly from Bywork (nesting).

Saving: 10 or more mouse clicks

- Lead-ins can be moved interactively along the contour. Changing the lead-in type could not be simpler. Even the length of existing lead-ins is output as an editable value.

Saving: 10 or more mouse clicks

Additional features

- Automatic part lettering and part numbering simplifies part identification and enables traceability of parts. Each part in a job can now be engraved with a serial number.
- The cutting time calculation includes process down times such as nozzle cleaning, edge detection, cutting head calibration, table interchange and repositioning, which means that the machine utilization can be calculated more precisely.

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2. 1st Regional Sales & Service Meeting



Bystronic Pte Ltd held its 1st Regional Sales & Service meeting in Tianjin China on June 6th and 7th 2006. It was attended by Sales Agents and Sales Personnel from throughout the region. Sales Techniques were freely shared by all sales participants. Above all the bonding opportunities that this meeting provided to the participants created open channels of communications for the different countries. This resulted in more efficient sharing of ideas and improvement to efficiency for all of our partners.

3. Bystronic Competence Day in Bangkok, Thailand, 26 & 27th July



A successful “Bystronic Competence Day” was held in Thailand last July drawing very good responses and feedback from all attending customers. Participants from as far away as Malaysia, joined us for this event. The highlight of the event was our Waterjet Cutting System. It was presented by our Waterjet Specialist and Product Manager Mr. Marcel Kolb, who was specially flown in from our Swiss Headquarters. A cutting demonstration followed with our Byjet L6030 at Un Lee Industry Company Ltd; one of Bystronic’s many satisfied customers. Mr. Paul Lee (above far right), our Executive Vice President is pictured presenting an award of appreciation to Mr Peerapong Vorakuntada, Director of Un Lee Industry Company Ltd, for their contribution to the resounding success of this event.

4. New Managing Director in Singapore

David Sim joined Bystronic Singapore on 1 September 2006 as Managing Director. He will assume full operational duties covering Taiwan, Australia, SEA and India with effect from 1 November 2006. David has many years of experience working in European MNCs. He brings along a wealth of general management and sales experience. You will very likely hear from David in the near future.



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5. Customer Service – Singapore

Kenneth Toh, General Manager operations



Garry Chuang, Regional Service Manager



Edmond Quan, Hotliner



Tan Boon Meng & Wang, Field Service Engineer



Our Service division of 17 engineers operating from 4 centers. Singapore have 9 engineers, Thailand have 2, Malaysia have 1 and India have 5. Together, they keep all our bending, laser and waterjet machines in the Asia Pacific and India operating at their optimum with minimum down time. As their work brings them throughout the region and sometimes beyond, it is impossible to have all engineering personnel in 1 location for a group photograph. With their travel schedules, balancing work and family life is always a challenge. However, the pleasant treatment and cooperation accorded to them by many of our customers had made their frequent forays interesting. For this, we want to thank all our customers.

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Bystronic is a worldwide player in the supply of high quality solutions for economic processing of sheet metal, other flat materials and tubes. Customers benefit from laser and waterjet cutting and bending systems and services tailored to the application. Bystronic stands for reliability, powerful innovation, excellent price-performance ratio and user-friendly operation. The focus is on automating the complete material and data flow in the cutting-bending process chain. As a partner, Bystronic offers reliability, continuity and transparency, and is represented regionally by highly competent staff speaking the customer's language.