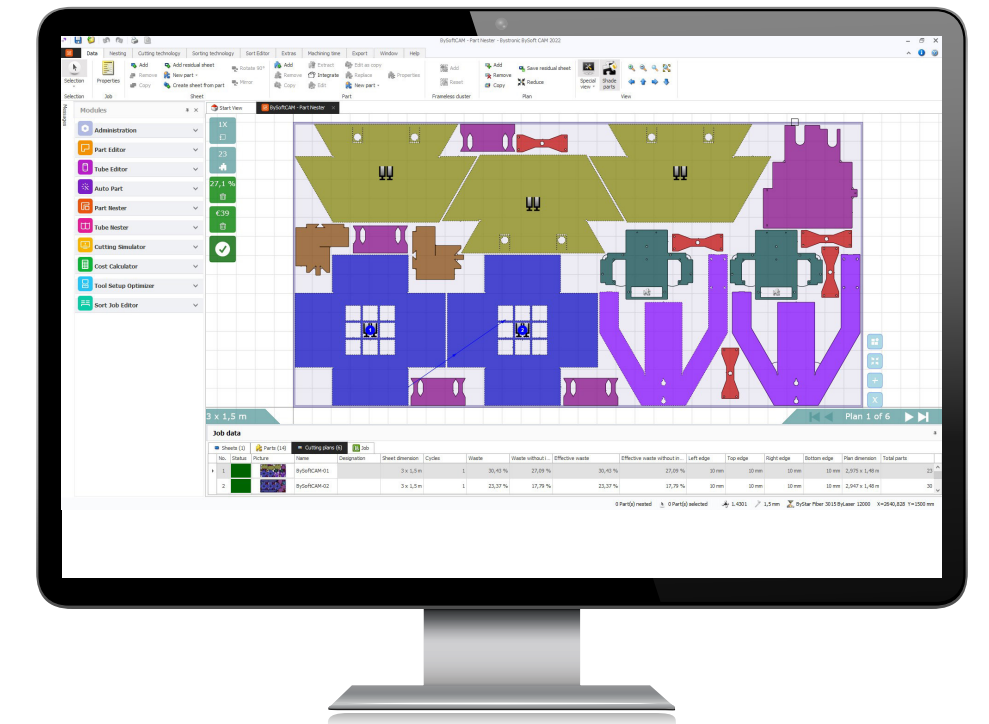


BySoft CAM Cut



The best choice for your advanced Bystronic laser cutting machines.





BySoft CAM Cut ensures that your Bystronic laser cutting system achieves maximum performance. Gain access to the most advanced tool for the preparation of cutting jobs, which is fully compatible with your Bystronic machines. Take the first step on your path towards the smart factory.



Your benefits

- 01 A unique CAM tool**
Control all your cutting jobs for Bystronic machines using a single tool. Take your cutting programming to the next level.
- 02 Make complexity simple**
Create cutting plans in just a few seconds. BySoft CAM turns even users with limited experience into programming professionals. BySoft CAM helps you get your machine up and running in next to no time – while offering many of the most advanced features in the industry.
- 03 Reduce costs**
BySoft CAM is equipped with the most advanced nesting algorithms that reduce your parts costs by maximizing raw material utilization.
- 04 Cut and bend**
Thanks to the seamless integration between BySoft CAM Cut and BySoft CAM Bend, the system can handle cut-bend technologies with ease and transparency.

Your features

 <p>Integration with BySoft CAD</p> <p>BySoft CAM is fully integrated with the BySoft CAD family of products and allows you to import files to prepare your cutting plans in just a few simple steps.</p>	 <p>Collision prevention</p> <p>BySoft CAM Cut is equipped with state-of-the-art functions that defines the cutting sequence to prevent collisions and even takes account of potential tilted parts.</p>	 <p>Reduce the number of plans</p> <p>BySoft CAM Cut has an integrated function that searches for solutions that reduce the number of different plans. Without this function, even the best nesting solution is not necessarily the most efficient.</p>	 <p>Advanced nesting options</p> <p>Adapt the nesting strategy based on the priority of the parts, or define the nesting direction to suit your requirements.</p>
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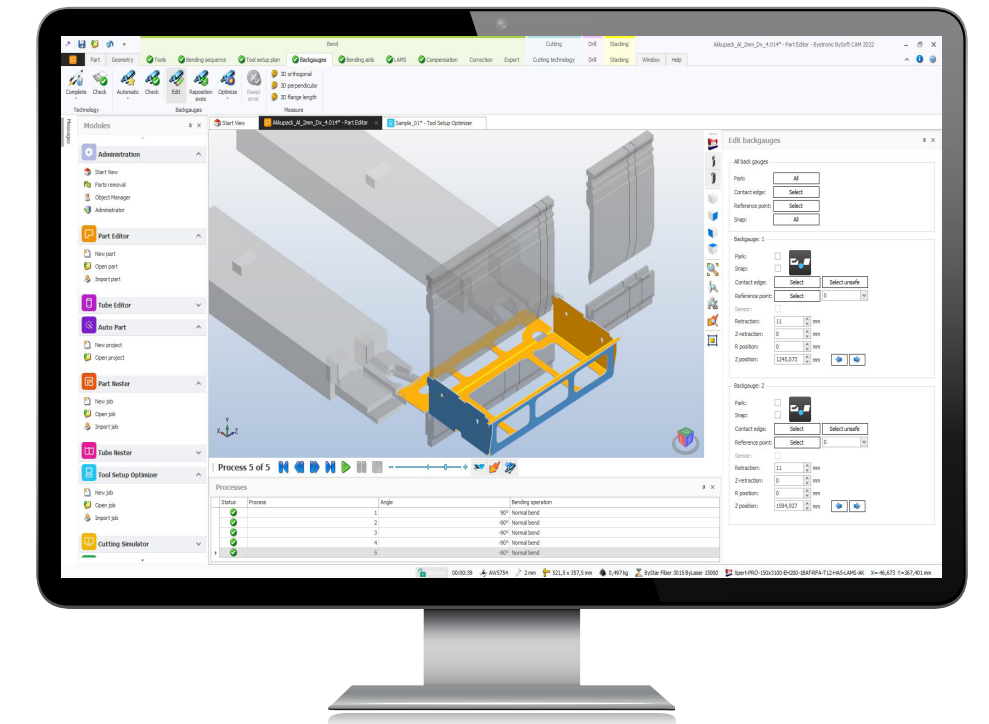
Experience it live!
Contact our sales support for more information.

BySoft CAM Bend



The best choice for your advanced Bystronic bending machines.





BySoft CAM Bend ensures that your Bystronic bending machine achieves the highest possible performance. With this solution, which is compatible with all Bystronic bending machines, you gain access to the most advanced tool for the preparation of bending programs and take the first step on your path towards the smart factory.



Your benefits

- 01 A unique CAM tool**
BySoft CAM Bend is a fully integrated part of the BySoft CAM family that allows you to import files and prepare your bending jobs in just a few steps.
- 02 Make complexity simple**
Create machine programs in a matter of seconds. BySoft CAM Bend turns even users with limited experience into programming professionals. BySoft CAM is one of the most comprehensive CAM packages that enables you to put your machine into productive operation in next to no time.
- 03 Reduce bending programming time and avoid collisions and errors**
BySoft CAM Bend speeds up your bending job preparation by defining and proposing bending sequences, back gauge positions, and tooling plans. And the simulation of the entire bending sequence enables you to prevent collisions and costly errors.
- 04 Optimize setup times**
Optimize setup times when manufacturing multiple bent parts. BySoft CAM Bend calculates and proposes the ideal processing sequence.

Your features

 <p>Advanced editing functions</p> <p>The part editor and the bending advisor are integrated into one tool, so you can easily update the part geometry, the bending sequence, and parameters in one go.</p>	 <p>Smart automatic bending technology</p> <p>Powerful algorithms automatically select the optimal bending technology, such as tools, bending sequence, tool setup and back gauge positioning, generating the part in a fast and simple workflow.</p>	 <p>Customized to your needs and know-how</p> <p>Define the parameters to suit your needs and know-how. During each step, your settings are verified to ensure that the part that is to be bent can actually be produced within the working range of your bending machine and without causing collisions.</p>	 <p>Connected to Bystronic machines</p> <p>The bending program can be exported directly to the machine for processing, eliminating the need for machine-specific adaptations and adjustments.</p>
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Experience it live!

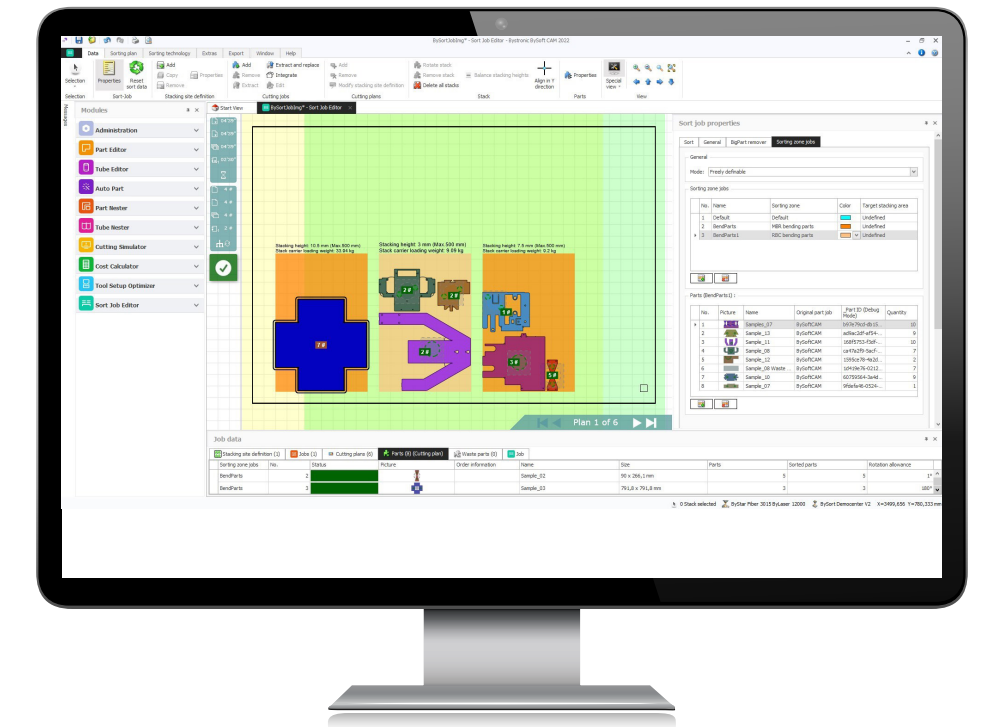
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BySoft CAM Cut – Sort



The best choice for your advanced Bystronic automated sorting solution.






BySoft CAM Cut – Sort is compatible with all Bystronic automated sorting solutions and ensures that they achieve optimal performance. This module integrates with BySoft CAM Cut and provides the most advanced tools for the preparation of sorting jobs.



Your benefits

- 01 Integration with BySoft CAM Cut**
 BySoft CAM Cut – Sort is fully integrated into the BySoft CAM product family and allows you to prepare your sorting jobs based on your cutting plans.
- 02 Compatible with all of Bystronic's sorting solutions**
 BySoft CAM Cut – Sort is compatible with all of Bystronic's sorting solutions and helps you determine the most efficient configuration for your requirements.
- 03 Optimize your production batches**
 BySoft CAM Cut – Sort allows you to plan production batches and adapt the production cycle duration to your needs.

Your features

 <p>Optimize sorting for down-stream processes</p> <p>Operation-oriented sorting allows you to sort the parts on different stacks based on how the next process needs them.</p>	 <p>Tool station management</p> <p>Set up dedicated sorting tool stations (instead of utilizing the maximum number of usable tools per sorting job).</p>	 <p>Stack stability warnings</p> <p>The system warns about and prevents unstable stacks, for example due to excessive height or when stacking narrow parts, factoring in potential shocks and inclination.</p>	 <p>Bulk sorting containers</p> <p>In addition to stacking on pallets, BySoft CAM Cut – Sort also supports bulk sorting containers.</p>	 <p>Gripper configuration</p> <p>BySoft CAM Cut – Sort allows you to define any type of gripper tool, for example with suction cups arrays that can be individually controlled using multiple valves and moved along the x and y axes.</p>
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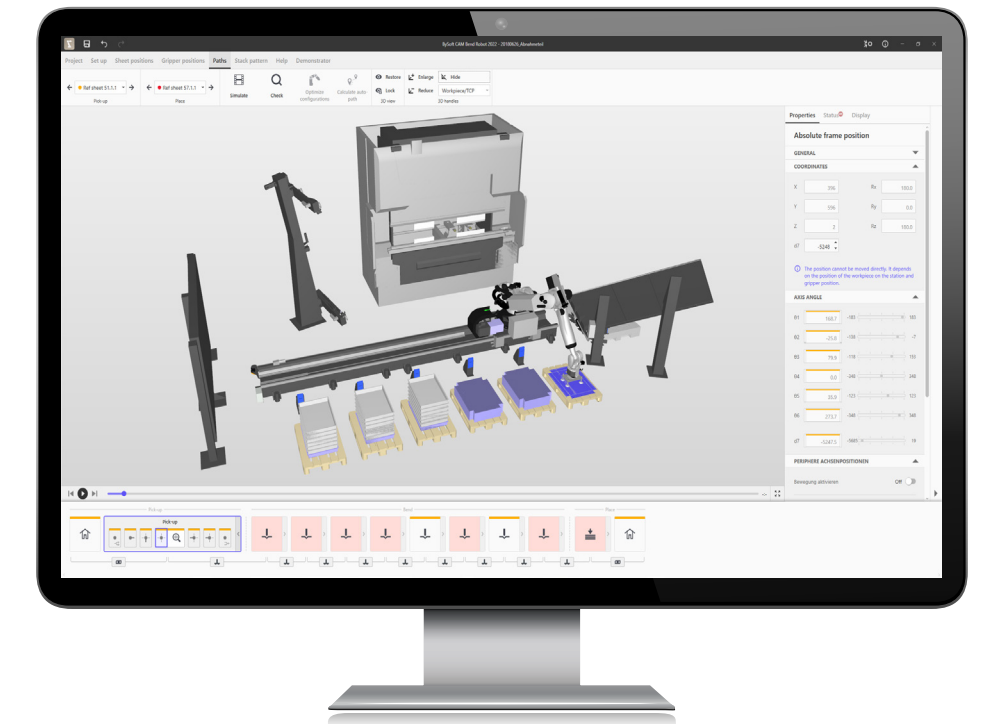
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BySoft CAM Bend – Robot



Make automated bending easy and extend BySoft CAM Bend with robot programming features.

BySoft CAM Bend – Robot is an intuitive, high-performance programming solution for automated bending cells that allows you to simulate and run the robotics that are integrated into Bystronic's bending automation solutions.



Your benefits

- 01 No robotics expertise required**
Integrated programming of robots and parts that are to be bent.
- 02 Short learning curve**
Process-oriented and intuitive operator guidance enables you to quickly create robot programs.
- 03 No more blind data**
Every change you make to the program is reflected in the 3D viewer allowing you to predict the impact on the overall process.
- 04 Prevent collisions**
Efficient generation of programs thanks to automated programming procedures and integrated collision-check functions.
- 05 Maximize the output of your automated bending cell**
Optimize the bending process even for small production batches to ensure your bending cell achieves the highest possible level of productivity.

Your features

Integration with BySoft CAM	Compatible with any Bystronic machine	Advanced simulation capabilities	Advanced automated path features
Thanks to the integration into the Bystronic Software Suite ecosystem, BySoft CAM Bend in combination BySoft CAM Bend – Robot allows the user to control all the functions of your bending cell.	The best system to program any bending cell in Bystronic's portfolio.	Create and simulate the required automation steps within an offline programming environment, eliminating the need to interrupt production for parts tests and simulations.	BySoft CAM Bend – Robot automatically generates collision-free robot paths.



Experience it live!

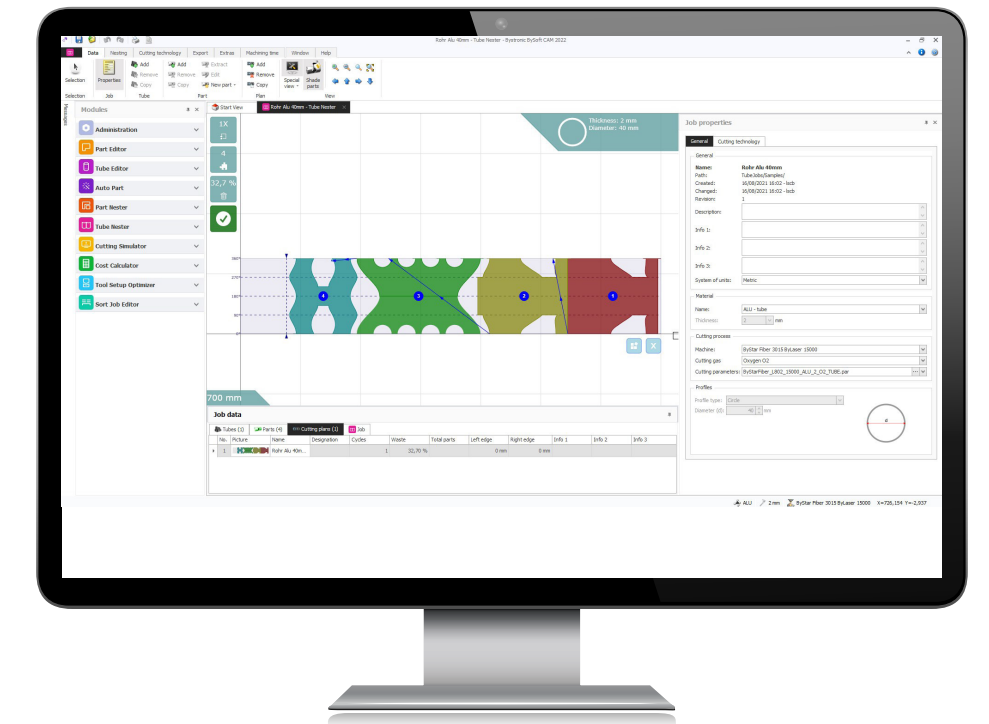
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BySoft CAM Tube



The best choice for your advanced Bystronic tube cutting machines.






BySoft CAM Tube ensures you get the most out of your Bystronic tube cutting machine. Gain access to the most advanced tool for the preparation of tube cutting jobs, which is fully compatible with your machines. Take the first step on your path towards the smart factory.



Your benefits

- 01 Optimal execution of programming**
If required, BySoft CAM Tube automatically programs your tube cutting plans. However, the flexible solution also allows experienced users can tweak the process to achieve precisely the results they are looking for.
- 02 Compatible with third-party tube processing machines**
BySoft CAM Tube offers a range of configurations that even support third-party tube processing machines, allowing you to reduce the number of different software systems on your shop floor and thus make your staff's life easier.
- 03 Reduce costs**
BySoft CAM Tube reduces parts costs by maximizing the raw material utilization, for example by rotating sections and parts and applying state-of-the-art nesting algorithms. By optimizing your raw material utilization, you not only reduce the costs per part but also make your company more sustainable.
- 04 Get the most out of your machine**
BySoft CAM Tube selects the optimal cutting technology and offers numerous additional functions to ensure reliable processes, perfect cutting results, and a high level of machine utilization.

Your features

 <p>Tube nesting</p> <p>Choose the best tube nesting solution on the market optimized for multi-part nesting on multiple tubes. BySoft CAM Tube allows parts to be rotated around their axis and permits complete or partial common cuts.</p>	 <p>Shop floor documents</p> <p>The reporting module offers an overview over the most important information relating to the cutting programs, for example nesting layouts, quantities, and an accurate calculation of cutting times.</p>	 <p>Assembly management</p> <p>Add connections and automatically unfold tubes and profiles.</p>	 <p>Tube modeling</p> <p>Apply a wide range of 3D modeling options for any type of cross-section, automatically selecting the suitable machining technology for holes and bevels of any shape.</p>	 <p>Simplify complex programs</p> <p>BySoft CAM Tube automatically generates the cutting paths and enables you to utilize all the advanced functions of your Bystronic tube processing machine.</p>
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