



Bystronic

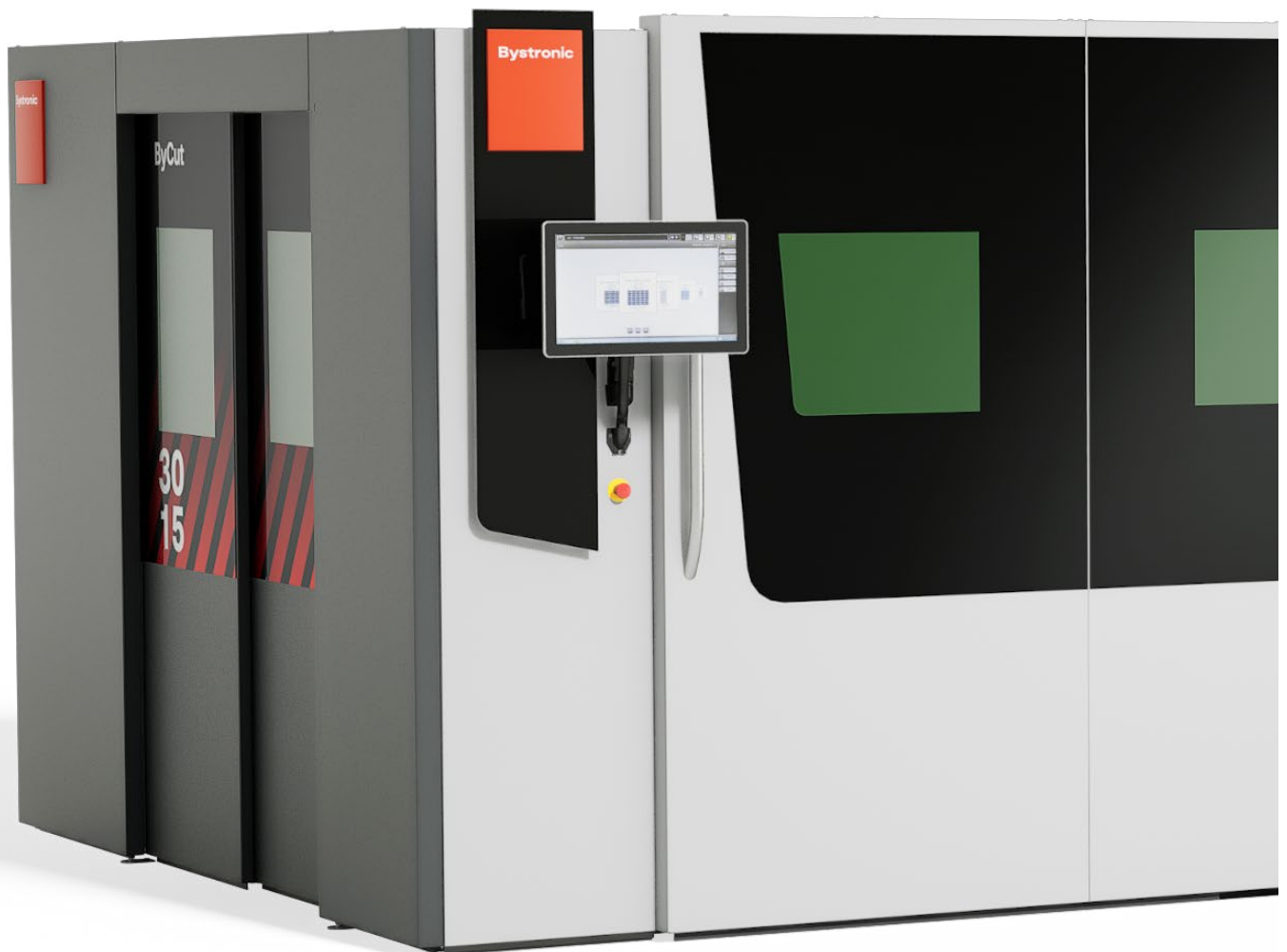
ByCut Packages Laser Cutting

Maximize your production with our tailor-made laser cutting systems.

Your best choice.

bystronic.com

**To our ByCut, all that
matters is sheet metal –
making cutting easy
for you.**



Bystronic.
Your best choice.

Do you want to serve your customers as quickly as possible, with the highest quality, while benefiting from optimally running production?

The solution for you

Bystronic stands for 40 years of experience, quality, innovation, and Swiss engineering ingenuity.

With the new option for tailor-made configuration of a laser cutting system, we are helping you optimize your production so you stay ahead of the competition.

The new form of machine configuration

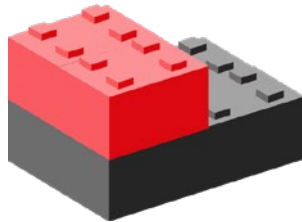
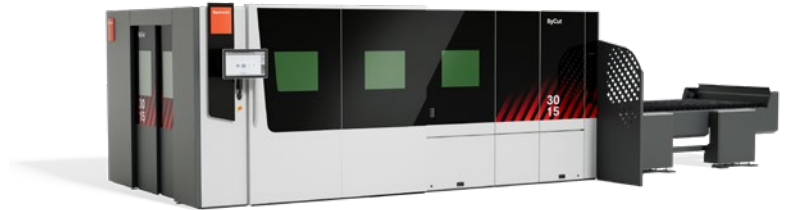
Instead of a laser cutter with all available features – which you possibly don't even need – select one or more Laser Packages appropriate for your production.

Our different laser cutting packages are aligned with our customers' business models and offer a clear financial benefit. A correctly configured machine means increased and lasting productivity, thus ensuring competitiveness.

What does the solution look like?

Configure your laser cutting system exactly according to the requirements of your production. To this end, select from five different packages that can be combined individually so you can cut the perfect parts. This guarantees that you have the right tool at hand for your laser cutting production.

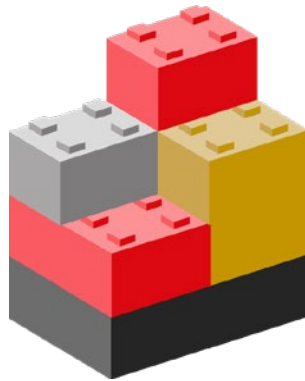
Get the best tailor-made laser cutting system for your production requirements.



1

Select your base

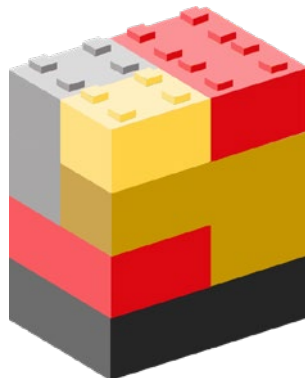
Select the dimensions (3015 / 4020) and the laser power (3–30 kW) for your ByCut system. Choose the layout that fits into your production hall perfectly.



2

Add your preferred package

Customize your system according to your production requirements. Benefit from our preconfigured packages.



3

Select your individual options

Missing something? Simply add each available option.

Bystronic.
Your best choice.

How do you benefit?

Flexibility

The foundation of the ByCut Packages is the tried and tested laser cutting system ByCut. With its assembly variations, it fits on any shop floor. Individually configurable access options also offer you the highest operating convenience.

The right laser power for your production

Tailor made for outstanding efficiency and parts quality. Select the right laser power for you. You can be confident that you have neither too much nor too little power behind your laser cutting.

Tailor-made Laser Packages optimize your production

A laser package tailor made for your needs clearly adds value to your production. The right package ensures faster throughput, fewer work steps, or the highest quality – exactly what you need.

No unnecessary features

Do you specialize in cutting thin sheet metal? Or the opposite, thick sheet metal? Or is the highest quality essential for your customers? By choosing the appropriate package from our selection, you further specialize and optimize your production in order to serve your customers even better.

Flexible integration into your production environment

A ByCut Package fits with any production layout and can be customized for existing automation and new applications.

Increased productivity with lower costs

High operating time, reliable cutting, and minimal setup time ensure greater output. This also means lower cost per part due to reduced scrap and minimal finishing.

Simple, user friendly, and safe

All ByCut Packages feature a simple setup, ergonomic maintenance, and fast operator training. In turn, this guarantees increased safety for man and machine, not to mention for your production.

The foundation: A ByCut laser cutting system – the configurable platform solution

- Maximum layout flexibility through various access doors and assembly configurations
- Highest machine reliability
- Operating the machine is as simple as using a smartphone

The packages

Autonomy Package

Increase the autonomy of your system and reduce setup time by up to 50%.

Contains: Automatic Nozzle Changer, Detection Eye, Nozzle Control Tool & KerfScan

- Faster and fully automatic nozzle changes in a matter of seconds
- Up to 90% shorter setup time for detecting the sheet metal position and direction
- Fully autonomous nozzle centering, nozzle type detection, and nozzle condition monitoring in a matter of seconds



Automatic Nozzle Changer

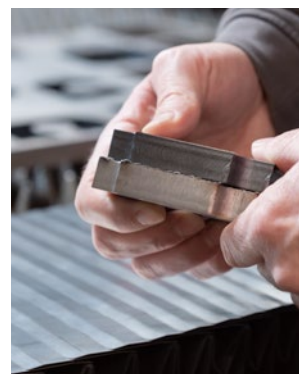
Power Package

Get the best out of your high laser power.

Add advanced cutting technologies to economically process thick materials.

Contains: MixGas technology

- Get the best out of your high laser power and reduce production time for thicker steel by 50% to 70%
- MixGas means high process robustness with variable material quality



MixGas technology

Bystronic.
Your best choice.



Dynamic Package

Optimally fine-tune your system for thin sheet metal processing. Achieve the highest acceleration for complex geometries.

Contains: Linear drive technology and intelligent CNC control, highly dynamic and precise floor anchoring

- Highest dynamics and acceleration for thin sheet metal applications
- Highest parts precision



Linear drive technology



Quality Cut Package

Increase cutting quality for medium and thick mild steel.

Achieve nearly burr-free cuts.

Contains: BeamShaper technology

- Best possible cutting quality in thicker mild steel
- Nearly burr-free cutting
- Easier parts removal due to wider cut width
- Reliable cutting enabled for up to 30 mm thick mild steel



BeamShaper technology

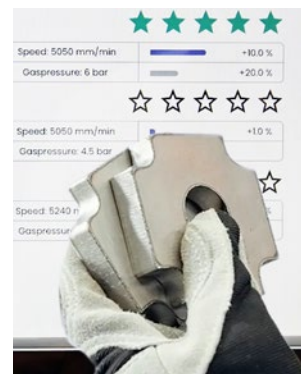


Convenience Package

Simplify every step of your cutting process and effortlessly augment your experience.

Contains: Parameter Wizard, LiveStream (cameras in the cutting area), secondary control panel, front and side access for maximum flexibility

- The perfect parameters in a matter of minutes
- Remote observation of the machine
- Fast access to the machine controls from any position
- Improved access to the cutting area



Parameter Wizard

Bystronic is a worldwide supplier of high-quality laser cutting systems, press brakes, automation, services, and software for economically processing sheet metal and tubes. Bystronic stands for reliability, powerful innovation, an outstanding price-performance ratio, and user-friendly operation.

Our focus is on the automation of the entire material and data flow of the sheet metal cutting and bending process chain.

To find out more about Bystronic, visit bystronic.com

Contact your regional Bystronic representative to discover how to optimize your business with our support.