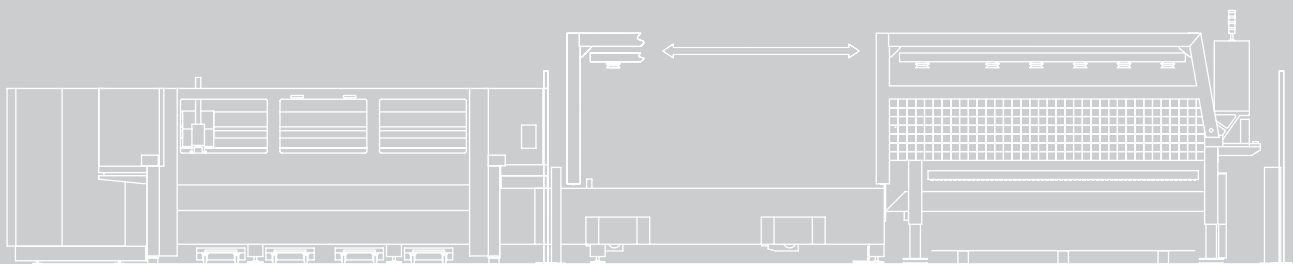


Bystronic

excellence in
automation

ByTrans ByTrans Extended

The intelligent solution for the loading and unloading of laser cutting systems



ByTrans and ByTrans Extended – fast, clever, well-priced

ByTrans offers the user the simplest way to higher profits in laser cutting. ByTrans is the intelligent automation solution for the loading and unloading of Bystronic laser cutting systems: affordable and worthy of imitation. ByTrans is available in two versions: the standard version with one cassette, and the extended version with two cassettes.

ByTrans

Even in the version with one cassette ByTrans is impressive on several levels.

Fast

A complete unloading and loading cycle takes just 60 seconds with ByTrans. Even with a short cutting plan, the laser cutting system does not have to wait until it can be unloaded.

Clever

Everything that was loaded is unloaded automatically. ByTrans offers maximum accessibility and optimal operation in the smallest space.

Well-priced

Significantly higher machine utilization for a merely slightly higher investment. The purchase of a ByTrans pays for itself within a few months.



Loading with raw sheet stack

The raw sheet stack, including the wooden pallet, can be loaded onto the ByTrans with a forklift or overhead crane.

ByTrans Extended

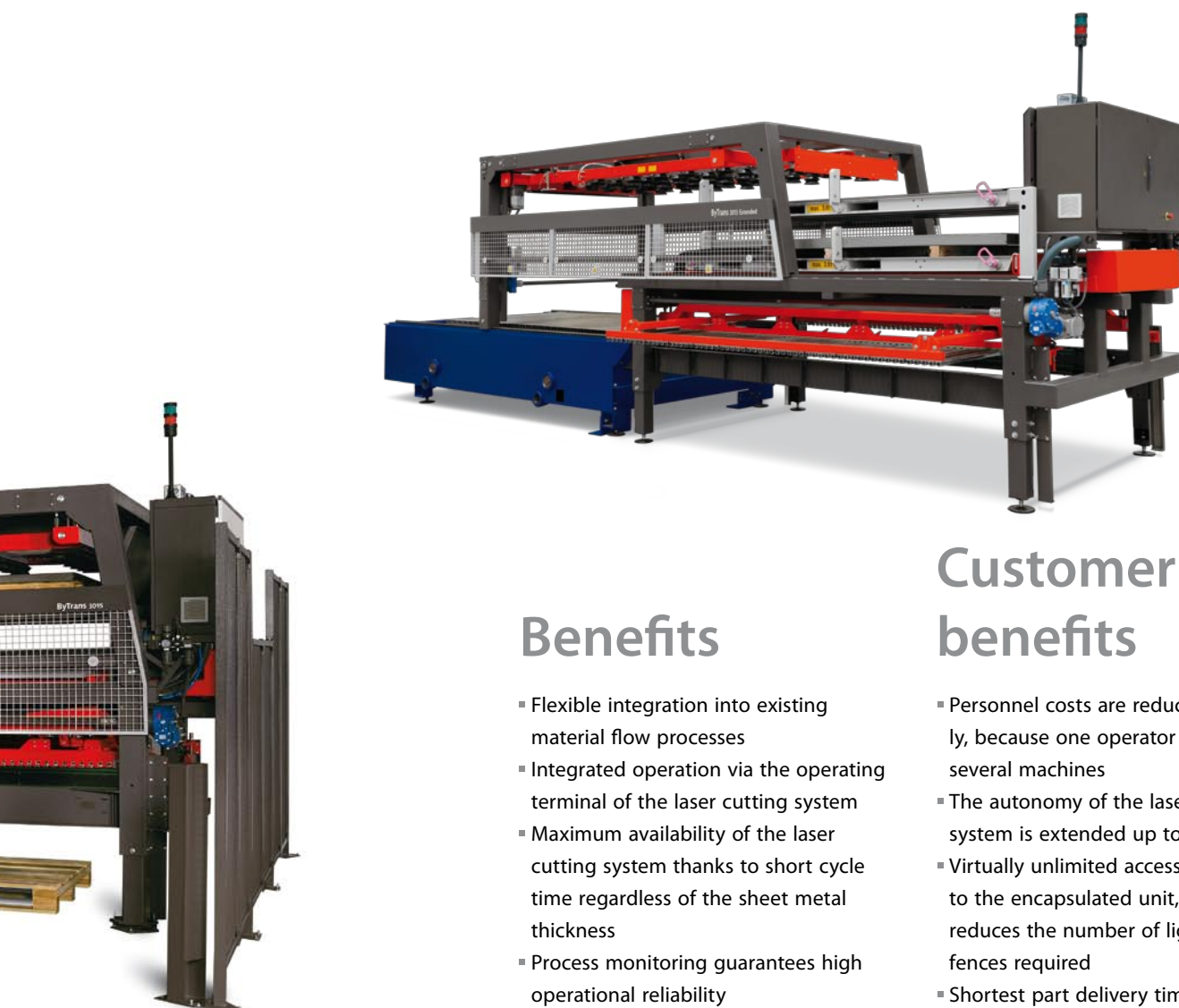
In the version with two cassettes the machine system operates even more autonomously. Moreover, the user has greater flexibility in laser cutting processes.

Autonomous

The second cassette doubles the storage and loading capacity of the ByTrans and expands its functional range. The time interval in which the machine system can operate without attention also doubles.

Flexible

Alternatively, plastic plates can also be stored in the second cassette. These plates are automatically placed between cut sheets in order to protect the parts. They also facilitate the separation of the sheet metal and can be used for marking the beginning and end of a job. The second cassette can also support the cutting of large parts. Cut parts are then automatically removed and buffered in the second cassette. The sheet skeleton is also automatically deposited in the deposit section.



Benefits

- Flexible integration into existing material flow processes
- Integrated operation via the operating terminal of the laser cutting system
- Maximum availability of the laser cutting system thanks to short cycle time regardless of the sheet metal thickness
- Process monitoring guarantees high operational reliability
- Reduction of the risk of accidents
- Large part removal

Customer benefits

- Personnel costs are reduced significantly, because one operator can operate several machines
- The autonomy of the laser cutting system is extended up to three shifts
- Virtually unlimited accessibility thanks to the encapsulated unit, which greatly reduces the number of light guards and fences required
- Shortest part delivery times
- Unlimited loading and unloading performance across the entire sheet thickness spectrum
- Large parts and sheet skeletons are automatically separated

This brochure may show parts that are not standard equipment, but are available as options. For the better visibility of machine details, some safety covers may have been opened or removed for these pictures. The right to make changes to dimensions, construction, and equipment is reserved. For technical data, see separate data sheet.

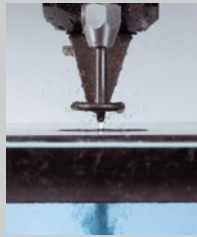
Bystronic is a worldwide active supplier of application-oriented systems and services for the laser and waterjet cutting processes, as well as bending: economical, high-performance, reliable.



Laser cutting
Laser cutting systems for the innovative processing of a wide variety of materials and geometries



Bending
3-point and air bending machines for high-precision working of sheet metals



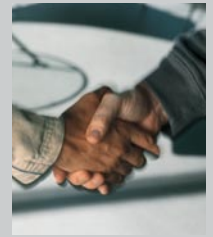
Waterjet cutting
Waterjet cutting systems for cutting metals, glass, synthetics, ceramic, and many other materials



Automation
High-performance handling and automation solutions from simple loading systems to fully automated laser production cell with integrated storage system



Software & Control
User-friendly programming and operation with requirement-oriented application programs and interfaces to CAD and ERP systems



Service & Support
Competence and customer proximity with after-sales support available worldwide: local contact persons, prompt delivery of spare parts, and professional training courses

Your contact

www.bystronic.com