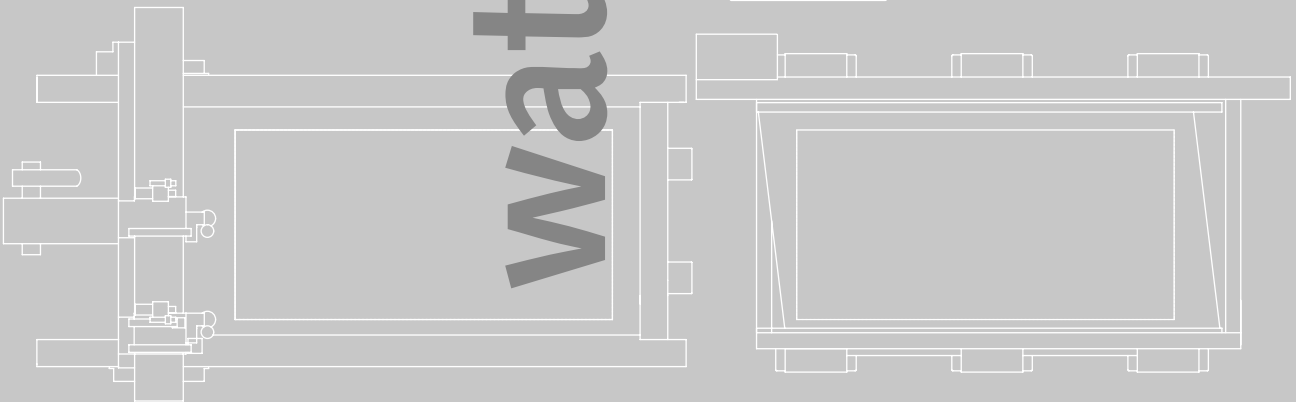
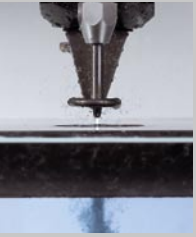


Bystronic

expertise in
waterjet cutting

**Byjet
Shuttle Table**

Shuttle table for heavy loads and
the shortest of cycle times



Byjet Shuttle Table – productive, user-friendly, space-saving

The Byjet Shuttle Table is a unique extension to the standard, technologically high-quality, cutting systems of the Byjet family and is characterized by its space-saving and easy-access design.

High efficiency and process security

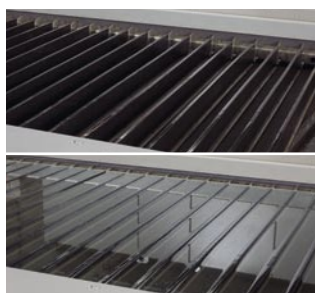
- Through a reduction of the non-productive times, production can be increased by up to 30 percent during the manned shifts.
- The two shuttle tables permit a further increase in productivity during the lightly manned shifts (overnight).
- The shuttle table is the ideal basis for additional automation and can also be used in combination with a Byloader (swivel loading).

| Byjet Shuttle Table | 3015* | 4022* |
|---|---|------------------------------|
| Table size | x = 3000 y = 1500 | x = 4000 mm y = 2250 mm |
| Maximum workpiece height | 100 mm | 100 mm |
| Maximum cycle time | 3 min | 4 min |
| Positioning accuracy | ± 0.3 mm | ± 0.3 mm |
| Maximum workpiece weight flat part (machine) | 3500 kg | 6300 kg |
| Maximum workpiece weight flat part (lifting weight of lifting unit) | 1750 kg / machining table | 3150 kg / machining table |
| Max. level difference with automatic lowering of the water level | 200 mm | 200 mm |
| Base/size of system | in accordance with the installation plans | |

* Larger formats on request



Important components



Automatic lowering of water level

Thanks to automatic water level control, production parts can largely be cut noiselessly under water.

If required, the water level can be lowered at the press of a button in order to carry out a visual check of the cut parts.

After cutting, the cutting table and consequently also the cut parts are cleaned.



Lifting unit

The shuttle table features an enormous loading capacity. The lifting unit can handle loads of several tonnes (spread over the two cutting tables).

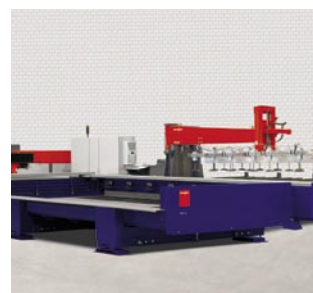
The robust and mature construction guarantees high productivity and service life.



Cutting tables

The cutting tables are equipped with mechanical material clamps.

Through the use of three different standard grating slabs or grids, even the most difficult cutting tasks can be handled economically.



Byloader

Byloader, an optional extra, is an automatic plate loader. In addition to increasing economic efficiency, it also increases work safety.

It is equipped with suction units with automatic format recognition and individually adjustable and switchable valves for the production of special formats.

The separation of the metal sheets is done using a fanning magnet or a transverse compressed air blower (optional).

Customer benefits

Benefits

- Easy operation using the machine terminal
- Optimal and perfectly safe access to the cut parts
- Very short cycle times
- Integration with Bystronic handling equipment
- High level of safety
- Increased productivity through shortening of the non-productive times (reduction of the set-up times as well as the time required for loading and unloading during the cutting process)
- Longer lightly manned shifts (thanks to second cutting table)
- Convenient access to the cut parts
- Increased productivity through automatic cleaning of the parts
- Automatic water level adjustment and hence more convenience and noise protection during operation

This brochure may show parts that do not belong to the standard equipment but which are available as options. In order to permit the details of the machine to be more clearly identified, safety covers have in some cases been opened or removed. Changes to dimensions, construction and equipment are reserved.

Certified in accordance with ISO 9001

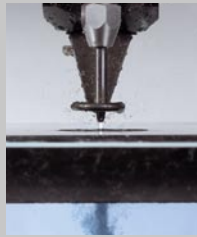
Bystronic is a worldwide active supplier of application-oriented systems and services for the laser and waterjet cutting processes, as well as bending: economical, high-performance, reliable.



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



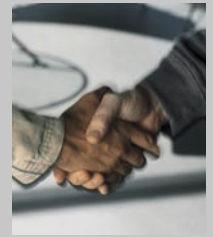
Waterjet cutting
Waterjet cutting systems for cutting metals, glass, synthetics, ceramic, and many other materials



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 applications 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

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