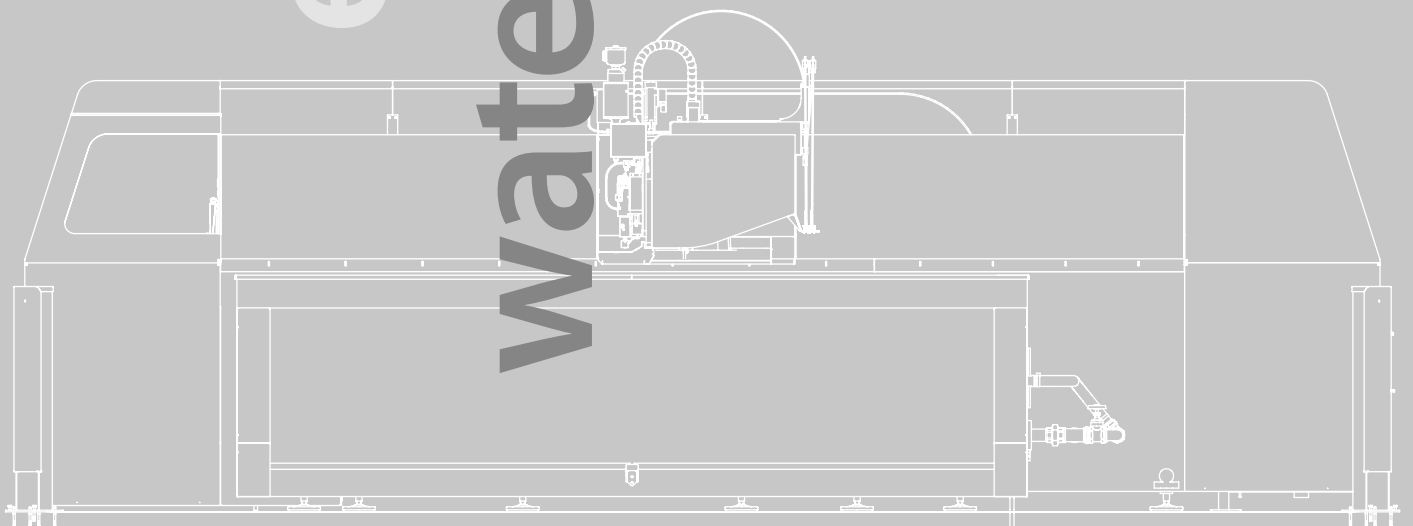
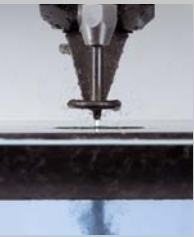


Bystronic

expertise in
waterjet cutting

ByJet Smart

The economically priced, high-quality,
compact waterjet cutting system



ByJet Smart – economically priced, high-quality, and compact

The ByJet Smart proves that power and quality are not a question of the price. This waterjet cutting system is not either-or, but both-and. It is economically priced to acquire and well-priced to maintain, and at the same time it is a high-quality machine system. In addition, the ByJet Smart takes up only minimal space and it is easily accessible from several sides.

Features

Economically priced

The ByJet Smart is well-priced, both to acquire and to maintain.

High-quality

High-end assemblies and materials make the ByJet Smart a high-quality machine.

Compact

The ByJet Smart's machine concept is clever. The result is that it takes up minimal space, yet it is easily accessible from several sides.



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.

ISO-9001-certified



First-class high-pressure pump

- Integrated, directly-driven high-pressure pump
- Long service intervals
- High efficiency reduces energy costs



Easy and safe operation

- Easy operation of the system thanks to the high-performance ByVision controller
- Integrated control panel with touch screen technology; simplifies work on the machine and allows safe operation in the immediate vicinity of the cutting process
- Integrated and protected storage space for the most important documents



High Quality tool axis

- Robust and compact design, based on the ByJet Pro technology
- A high-performance cutting head covers the entire cutting range with multi-head operation
- Quick and precise height sensing with low sensing pressure, integrated collision monitoring, and automatic nozzle calibration
- Easy to operate, precise, and infinitely adjustable CNC-controlled abrasive dosing system

Customer benefits

Low acquisition and operating costs

- The customer profits from a low acquisition price
- The machine concept is directed toward the essential, it is robust and thus inexpensive to maintain
- The high efficiency and long service intervals of the pump result in low operating costs

High-end assemblies and materials for long-lasting high precision

- These include the stable and innovative beam with linear motor, the excellent cutting head with reliable height sensing, as well as the stable and precisely-made machine frame
- The damping composite material for the machine frame and the intelligent material combination for the beam underscore the Swiss quality concept. This is also reflected in the processing and assembly of this long-lasting machine

Minimal space and good accessibility

- All components are built compactly and arranged optimally. This results in minimal set-up space
- The machine is easy to access from several sides
- The ByJet Smart can be assembled, disassembled, and transported quickly and easily

- The clever architecture of the safety equipment fulfills all safety standards worldwide



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.

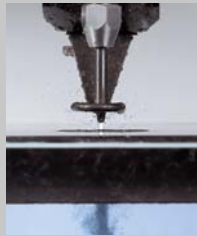
Best choice.



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

bystronic.com