



A SAFE INVESTMENT – EVEN WITH XXL FORMATS

ON MAY 1, 2010, BYSTRONIC LAUNCHED THE BYJET CLASSIC L RANGE OF SYSTEMS AND THUS EXPANDED THE SUCCESSFUL CLASSIC SERIES WITH FIVE NEW MODELS. THANKS TO THE LARGE WORK AREA, THE BYJET CLASSIC L ALLOWS EASY AND RELIABLE PROCESSING EVEN OF XXL FORMATS.

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A SAFE INVESTMENT: this label can be applied without reservations to the ByJet Classic 3015, and it is even more valid for the ByJet Classic L range of systems. The larger members of the family, launched in June 2009, are favorably priced, reliable, and precise. Also, depending on the actual working area of between 2 x 3 and 10 x 3 meters, they cover a maximum range of applications.

FOR EXTRAORDINARY PARTS

Thanks to the size of the working area, even XXL formats can be easily and reliably processed using the ByJet Classic L range of systems. The large cutting table format permits the cutting of an almost unlimited range of applications and part sizes.

are less expensive than smaller formats, this also translates into cost savings! In order to make it easier for the user to handle the larger and heavier parts and to ensure that the system can be loaded and unloaded securely, Bystronic has equipped the machine with a safety system that allows parts to be unloaded from three sides. The machine construction of the new ByJet Classic L range of waterjet cutting systems was also conceived with large and heavy parts in mind. These machines feature extremely stable construction and offer a cutting area of 10 x 3 meters, which permits a loading weight of up to 30 tons. Processing potential and loading capacity are optimally matched. This hardy construction has earned the ByJet Classic L series

systems are ideal both for experienced waterjet cutting users and for those who are only beginning to utilize the technology. Thanks to the high return on a limited investment volume, a short amortization time is guaranteed, even with a reduced productive time. And the ByJet Classic L is also equipped with the user-friendly, high-performance ByVision control and the powerful Bysoft CAD/CAM software package. In combination with the perfectly matched key components, which were developed in-house by Bystronic, this ensures maximum reliability throughout the whole cutting process. The highest level of precision is guaranteed not only by the high quality of the machine's construction, but also by the constant, infinitely adjustable pressure signal that does not need an accumulator that would be subject to inspection. Further advantages are the precisely regulated abrasive sand feeding and dosing, and the extremely accurate regulation of the nozzle distance. The bottom line is that the acquisition of a waterjet cutting system from the ByJet Classic L range certainly constitutes a safe investment – also for XXL formats. Michael Merkle, Head of the Bystronic Waterjet Division, states succinctly: "Big system, big advantage: users who decide to purchase a ByJet Classic L have acquired a huge competitive advantage in return for a comparatively small stake."

"The ByJet Classic L offers a strong competitive advantage."

Michael Merkle, Head of Bystronic Division Waterjet

Thanks to the simple processing of large and special formats, the parts spectrum is extended significantly; users gain flexibility and increase their competitiveness. Furthermore, it is possible to process two large-format sheets at the same time with dual-head operation, which significantly increases the productive time of the machine as well as its economic efficiency. A further advantage is the use of large-format plates and sheets. Since these

a well-deserved reputation for top quality and durable products. This, in turn, enhances the precision of the system – a decisive aspect, in particular with large-format systems.

AFFORDABLE, RELIABLE, PRECISE

However, the machines in the ByJet Classic L range are not just large; they also offer high reliability and precision in conjunction with a manageable investment volume. Thus, the

For further information about the ByJet Classic L range as well as contact information about the various Bystronic sales and service companies, please visit www.waterjetcuttingnews.com.



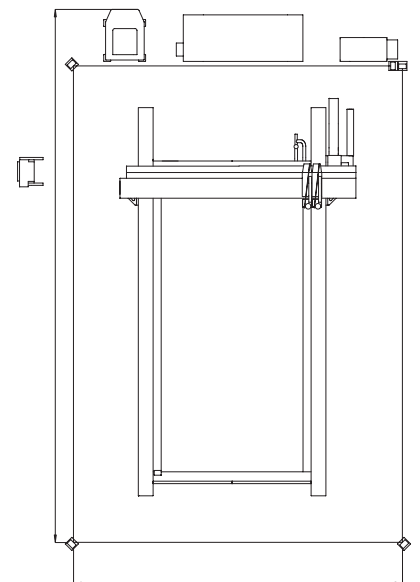
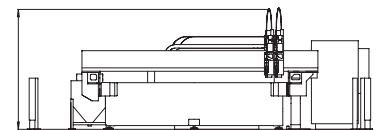
The new ByJet Classic L offers the following advantages: affordable price, reliable performance, and precise cutting. The new waterjet cutting system can handle oversized and heavy parts without any problems.

ByJet Classic L

ByJet Classic L	2030	4030	6030	8030	10030
Length	7,750	9,750	11,750	13,750	15,750
Width	7,080	7,080	7,080	7,080	7,080
Height	2,600	2,600	2,600	2,600	2,600
Nominal material size (flat)	x = 2,000 y = 3,000	x = 4,000 y = 3,000	x = 6,000 y = 3,000	x = 8,000 y = 3,000	x = 10,000 y = 3,000

Measurements in mm

Number of cutting heads	1 or 2
Minimum and maximum cutting carriage clearance	220 mm/1,500 mm
Maximum positioning speed parallel to the x, y axes	60 m/min
Maximum cutting speed	50 m/min
Position accuracy Pa	+/- 0.05 mm/m
Repeatability Ps	+/- 0.025 mm/axis
Maximum workpiece thickness	200 mm
Maximum workpiece weight flat part	790 kg/m ²



The ability to process oversized parts gives the user increased flexibility, as well as a competitive edge.