

Flexible and reliable solutions for the most demanding customers from **B SOLUTION**

With over 30 years of experience in glass processing machinery, B Solution gives us an up-to-date overview of its product range in this article. Machinery that not only satisfies the most complex requests, but also ensures increased productivity and precision.



EXPERIENCE IN ANTICIPATING MARKET REQUESTS

Thirty years of experience in the glass industry, designing and manufacturing high-tech machines – this is how B Solution defines itself. And these years of experience enable the company, based in northern Italy, to have a wide range of products that includes: vertical and horizontal grinding and drilling lines, NC corner grinders and

rounding machines, loading, unloading and transfer manipulators, and much more. Moreover, all products can be installed in both new- and existing lines.

The company follows its range of products from design to construction, and right up to installation and maintenance.

B Solution also carries out reconditioning of used plants that are carefully inspected before being serviced, taking into account any adaptations to modern technologies and new safety standards.

SPECIALISATION

B Solution has developed a complete range of products suitable for both small- and large glassworks, satisfying the most modern production requirements.

Grinding lines from the company include:

- Vertical NC Speed Edge
- Vertical Speed Arris
- Bilateral grinding flat edges
- Bilateral grinding round edges
- Shape rounding



• Shape radius
B Solution drilling and milling lines cover:

- Vertical NC Speed drilling and milling
 - Multi-head vertical drills
 - Vertical drill templates
 - Horizontal modular drills
- Equipment for automation and manipulation include:
- Loading manipulator
 - Unloading manipulator
 - Rotating platform
 - Shuttle
 - Turning device
 - Transfer
 - Horizontal diverter 0-90°

B Solution's product range also includes the creation of customised lines for diverse industry sectors such as home appliance, automotive, structural, furniture, and a range of small sizes.

DRILLING

Speed Drill

Speed Drill is a vertical, compact, high productivity machine, suitable for holes, notches, milling and countersinking on rectangular and shaped plates. It is ideal for series and to be matched with grinding or stand-alone lines.

Speed Drill is equipped with spindle and ISO30 tool exchange, as well as two magazines for 16 positions.

This machine also has the

possibility of importing dxf format shapes or to program shapes also directly on board.

GRINDING AND ARRISING

Speed Arris

Speed Arris is B Solution's high productivity vertical arising machine specialized in rough grinding/arrising, carried out in continuous cycle by means of a two-spindle follow-system.

This machine can arris/grind two rectangular glass with different size and thickness, this guaranteeing high productivity for double-glazing lines.

Glass transport and handling is carried out with suction cups, especially important for today's high-performance glass types.

Regular arrising is ensured thanks to the oscillating spindle, which ensure the regular execution of threading.

Further important features include:

- automatic assessment of glass sizes and thickness;
- high-productivity guaranteed for double-glazing and tempering lines;
- possibility of stand-alone installation or integration with existing lines;
- software for shaped glass available on request;
- available in different sizes: 2.0.3 – 2.6.4 – 2.8.5.



Speed Arris

EDGE GRINDING AND POLISHING

Speed Edge

BSolution's Speed Edge is a vertical compact grinder with the innovative patented follow-glass system, which carries out both rough and polished machining, flat and round edging, arising and milling.

This high-production vertical grinding machine for rough or polished grinding, round or flat edges, low-E glass, also has the possibility of processing shaped glass with a straight horizontal support side and a maximum vertical angle of 90°.

The innovative suction cup system guarantees the locking of the entire sheet to be machined, allowing higher processing of squaring and respect of the size of the glass being machined.

Ideal for series and to be combined with drilling lines

or as stand-alone machines. The machine's compact dimensions include an integrated loading and unloading solution, thus reducing floorspace taken up, while the suction cups have a locking system that involves the entire glass sheet.

Other features include:

- maximum precision machining;
- best tool efficiency;
- loading of new glass sheets during the production cycle;
- available in different sizes: 2.0.3 – 2.5.4 – 3.2.5 – 3.2.6 – 3.2.9.

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Speed Drill



Speed Edge