

BOVONE set to showcase its robotic system at GlassBuild America



As GlassBuild America 2022 prepares to wow the industry in Las Vegas this October, BOVONE is already well-primed to offer its zinger know-how on glass production while the company prepares to share the benefits of its cutting-edge robotic system.



With automating edging-processes 'wired' to enhance productivity to guarantee competitive success, Bovone's robotic automation of glass manufacturing now takes production to the next level. Not only. It significantly boosts the competitiveness of productivity while sustaining it over the long-term - all thanks to a technological reliability that's coupled with competence and service efficiency.

INNOVATION DEVELOPMENTS

As the same robotic integration allows for a considerable increase in productivity, there's also significant cost reduction - plus greater operator safety when handling

large slabs. But there's more. Right from within, the BRS system integrates a robotized station, two straight-line edging machines, a vertical washing machine and two or three anthropomorphically-articulated multi-axis robots which have different ranges in terms of load and application capacity. It's precisely in the field of applied industrial robotics

that Bovone has remained Kuka's Official System Partner for many years now. Indeed, use of robotic elements produced by a company so established in the market immediately increases safety and reliability levels - also in terms of after-sales assistance. Here, treating just safety and productivity, Bovone has created grippers of reduced weight,

with dimensions that ensure lower impact upon robot load capacity. This enhances performance in terms of speed (25 percent less), with energy saved as well - especially during the processing of heavy slabs.

QUALIFIED SUCCESS

BRS adheres perfectly to Industry 4.0 pro-





protocols. Its islands work personnel-free and can be fully-integrated for both traceability and self-regulation in terms of production parameters.

In sum, BRS can increase automation levels in production by minimising operator-machine interaction. It optimises production and reduces both cost and downtime while standardising grinding quality. Besides, Bovone's fully-automatic edging machines will

increase flexibility thanks to their quick switch from one batch to another, which lowers the risk both to labour and to any manual, glass-handling materials. This they achieve by reducing operator-machine interaction, which lowers the possibility of operator injury and damage.

ANTICIPATING GLASSBUILD AMERICA

Bovone's anthropomorph-

ically-articulated robots can be supplied stand-alone while being applied either to existing edgers or as customised robotic islands based on specific needs. During GlassBuild America, the technical sales team of Bovone North America -the company's US subsidiary- will be delighted to explain the many advantages of BRS to any visitor to booth 5208 at the Las Vegas convention centre.

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