

BRTIRUS2550A – Long-reach universal robot



Borunte BRTIRUS2550A – 6-axis robot, 2 550 mm arm length, 50 kg payload

Product description

The BRTIRUS2550A is a 6-axis robot designed for complex industrial applications requiring many degrees of freedom, with an arm length of 2 550 mm and a payload of 50 kg. Thanks to its great flexibility, it can handle a wide range of tasks, from loading and unloading through assembly and injection moulding to material handling.

Its repeat positioning accuracy is ± 0.1 mm, and it has an IP54 protection rating. It is an ideal choice for plants where a large working area must be covered and heavier parts must be moved, but a single robot is sufficient to serve the entire cell.

Typical applications

- Loading/unloading and material handling requiring a large working area (up to 50 kg)
- Injection moulding automation where a long reach is required
- Building flexible production cells combined with assembly
- Palletising tasks for medium-weight products

