ABB | YuMi
DOUBLE ARM ROBOT
SAFE & EXTREMELY ACCURATE

**TECHNICAL DETAILS**

- **Robot version**: IRB 14000-0.5/0.5
- **Max. range / working radius**: 500 mm
- **Nominal- / bearing load**: 500 g / arm
- **Number of axes**: 7 / arm
- **Hand variant**: Two-fingers-servo gripper (optional additional camera and vacuum gripper)
- **Protection category**: IP30
- **Product certification**: ESD capability (certificate-register-no.: ESD-PZ-51024003-ABB-IRB14000)
- **Control**: IRC 5 (integrated)
- **Assembly type**: Worktable

**MEASURES / WEIGHTS**

- **Total floor area**: 399 x 496 mm
- **Robot foot**: 399 x 134 mm
- **Weight**: 38 kg

**PROGRAMMING OPTIONS**

- **Environment**: ABB Rapid
- **Prior knowledge**: No programming knowledge required
  - Operation via ABB FlexPendant, industrial displays, tablets and smartphones

**SUITABILITY**

- **Industry segments**: Electronic and technology, Small parts assembly, Automotive and suppliers, Toy industry, Watch industry

**SAFETY SPECIFICATIONS**

- **Functionale safety**: Performance level "b" category B
- **Certificate safety**: From an independent appointment
- **Safety engineering**: Is assessed in the degree of risk after S1*
  - *non-hazardous machine

**CHARACTERISTICS**

- **Collaboratively**: Close collaboration with humans possible
  - (no barrier, no enclosure, no zones needed)
- **Different I/O-interfaces**: Profinet, Ethernet/IP, Profibus, DeviceNet, USB
- **Repeatability**: +/- 0,02 mm

**ADVANTAGES**

- **Padded double arms (multitasking)**: Increase operator safety when in contract during
- **Closed design**: Less maintenance (cable and air lines completely inside)
- **Integrated control**: Safes footprint, no disturbing control cables on the ground
- **Leightweight construction**: Robot is portable
- **Simple application**: Programming by guiding
- **Integrated vision**: Camera in the gripper of the robot, can handle unsorted parts
- **Extensive option for communication**: Simple interfaces, not limited to one option
- **High speed**: More prouced parts, higher productivity = high return
- **ESD-conformity**: can handle open electronic assemblies

www.glaub.de | E-Mail: info@glaub.de