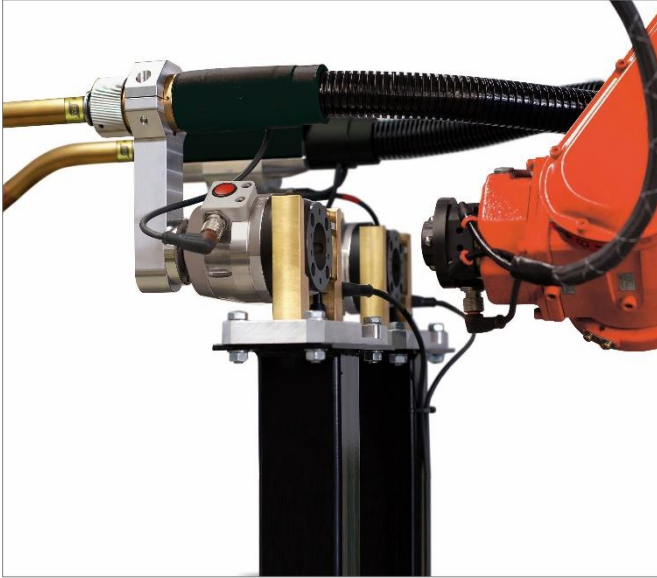


Aristo[®] RT Tool Exchanger

Robotic Torch Tool Exchanger



Aristo[®] RT Tool Exchanger offers a complete solution for automatic tool exchange between different welding processes or different types of torch on the robot.

Robot: ABB, KUKA, Motoman or Fanuc

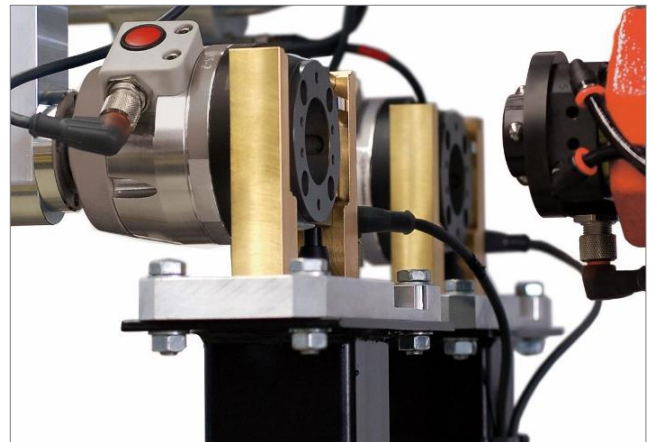
Torch: All Aristo[®] RT Robotic Torches

- Robust & precise design for long service life
- Additional tool adapters can be added to the system
- Available for other robot brands on demand

Visit esab.com for more information.

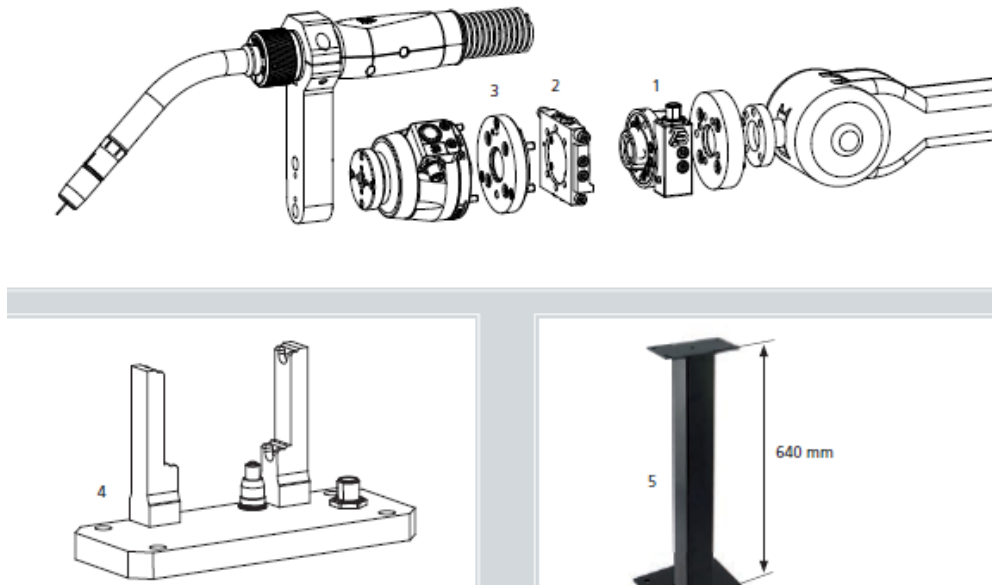
Industry

- Automotive
- Transport
- General industry
- Light Fabrication
- Shipbuilding



| Specifications | |
|----------------------------|--|
| Max Tool Weight | 10 kg |
| Max Torque On Tool Adapter | 150 Nm (in any direction) |
| Interface To Robot | Directly compatible with robot flange (DIN ISO 9409-1-A40) * |
| Compressed Air Connection | 6 - 10 bar |
| Functions | Pneumatically lock & unlock the tool |
| Electrical Connections | Electrical signals for 'tool attached to robot module' and 'tool in storage station' |
| Weight | 0.5 kg (incl tool adapter) |

* Adapter flanges are available for other robot brands



| Ordering Information | |
|---------------------------------|------------|
| RT ToolChanger Robot Module (1) | 0459990103 |
| RT ToolChanger Tool Adapter (2) | 0459990104 |
| Insulation Flange Complete (3) | 0459990105 |
| Tool Storage Station (4) | 0459990106 |
| Base (5) | 0700300403 |
| Anti Collision KSC-2 * | 0700300431 |
| Dummy Anti Collision * | 0700300435 |

* KSC-2 or Dummy Anti Collision is required.

Two integrated independent air supplies for compressed air on tool adapter available on request. Allows the user to attach pneumatic tools without the need for separate air lines. (Integrated air supply channels for pneumatic tools 2 x M5, 150 l/min. Max 10 bar). Not available as standard. For this option please speak to your ESAB representative.

The tool changer system has the following required interfaces & these are not supplied by ESAB, as there are varying options that the customer can choose, therefore it is needed to be supplied by the system integrator:

Pneumatic: 2 connections for compressed air at the robot wrist. You would typically need a 5/3 way valve, pressure regulator and pneumatic fittings and tubing to connect everything.

Electrical: 1x digital Input for Tool changer / 1x digital input for each storage station / installation material, cables etc.



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