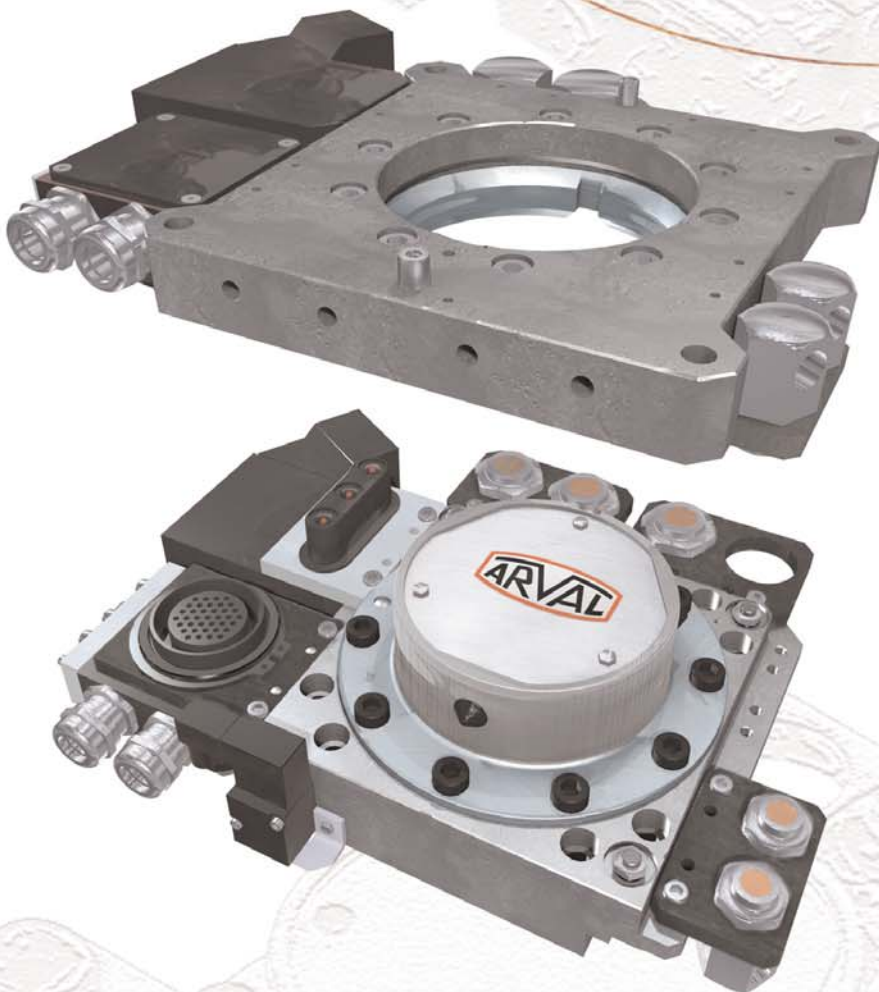


# AUTOMATIC TOOL CHANGER ARVAL II



## Automatic tool changer

This new automatic tool changer designed by ARO is a reliable, compact and modular device to change robot tools automatically. It is suitable for all 350 kg payload robots currently on the market.

Welding and assembly solutions • • •

# Specifications

Specifications	
Payload limit *	300 kg to 0,35 m to 40 m/s <sup>2</sup> *
Locking system	3 plunger system
Moment Mx, My	4400 Nm
Robot side weight **	9,5 kg
Tool side weight **	4 kg
Overall dimension **	222 mm x 222 mm
Total thickness when locked (robot face to tool face)	128 mm
Air pressure	6 bar

Modules	
Welding current	200 A, wire 3x35 <sup>2</sup>
Control	Up to 70 contacts
Fluid coupling	Up to 10 water or air couplers

This new modular ARVAL II automatic tool changer integrates numerous options :

- Locked or unlocked status detection
- Ready to lock detection
- Tool coding
- Field bus
- Possible interfacing to all 350 kg payload robots on the market
- Tool parking, with a Z compliance

\* See Conditions of use in the technical documentation

\*\* Non equipped

The Arval tool changer provides a modular answer to many Body in White applications:

- Welding gun
- Gripper
- Miscellaneous



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