MultiArm functionality
for more flexibility

COORDINATED WELDING
FOR IMPROVED QUALITY

CONTROL TWO TO FOUR ROBOTS
WITH A SINGLE CPU

The benefits of coordinating robots:

- enhanced manufacturing flexibility
- intelligent interaction between robots
- less hardware
- less reworking
- low operating costs
- simplified programming

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Improved productivity and flexibility

FANUC's MultiArm function enables robots to be controlled using a single CPU. It can control from two to four robots simultaneously, allowing for DualArm, TripleArm and QuadArm applications. This translates into a coordinated layout that is especially efficient on arc welding, material handling, spot welding applications. Utilising the MultiArm option reduces the need for reworking as well as general operating costs. Thus it boosts productivity and increases flexibility.

Ease of use

Creating the most efficient welding or handling scenarios often entails synchronising multiple robots and external axes. Normally this kind of programming would be challenging, but with state-of-the-art MultiArm technology creating and upgrading this kind of setup is easy and intuitive. Moreover, FANUC MultiArm comes with a retrofittable option, which allows fast start-up time. Connection kits are readily available.

Simplified programming

For complete ease of use, MultiArm system is programmed on a single *i*Pendant. This also reduces the need for additional hardware, saves time and makes MultiArm a very cost-effective and intuitive solution.

Smart safety

Managing interaction between robots is intuitive since MultiArm supports interference checking and collision avoidance. FANUC's integrated safety functions are designed to keep operators, robots and tooling completely safe – and completely eliminate the need to invest in costly, space-taking safety equipment.

Simulation with ROBOGUIDE
FANUC MultiArm functionality is supported by ROBOGUIDE which can be used to simulate robot's interaction in advance.

Create the most efficient welding scenarios with FANUC's smart functions for consistent welding
www.fanuc.eu/arcwelding