



PRESS RELEASE
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MORE PRODUCTIVE WELDING FOR COMPACT CELLS

Echternach, Luxembourg – The new long-arm ARC Mate 100iD/10L welding robot has arrived. One of the latest additions to FANUC’s extensive range of welding solutions, the ARC Mate 100iD/10L robot offers customers a bigger working envelope combined with outstanding axes speed and ultimate precision.

Ideally suited to working in compact robotic cells, the slim-design ARC Mate 100iD/10L sits in a small footprint and can be mounted in a variety of ways. To further maximise flexibility and open up a new range of application possibilities, it can also carry additional tools and torches weighing up to 10 kg.

“The ARC Mate 100iD/10L features outstanding axes speed and ultimate precision within its class. Built with narrow installations specifically in mind, this highly versatile robot can weld relatively large parts thanks to its very long horizontal stroke. For even more flexibility, it can also be installed upside down or angle mounted”, says Matteo Ferrari, Robot Product Manager at FANUC Europe.

Designed specifically for welding applications, the ARC Mate 100iD/10L comes with a fully integrated hose pack. For easy and reliable routing of sensor or camera cables, air pipes and any other user utilities, services are routed through the robot’s hollow arm, wrist and body. This fully eliminates external cables and prevents the chance of interference occurring with peripheral equipment. Internal routing makes integration easier and extends cable life, reducing the risk of downtime.

To prevent the build-up of spatter and make maintenance easier, the ARC Mate 100iD/10L has smooth surfaces and very few exposed bolts. Like all FANUC robots, the ARC Mate 100iD/10L supports various intelligent functions, including the built-in proprietary FANUC iRVision system. What is more, a broad range of software options, as well as dedicated safety features such as FANUC Dual Check Safety can also be added to the robot. The ROBOGUIDE offline simulation PC tool helps boost the cell design and improves engineering processes.

About FANUC

The FANUC Corporation is one of the worldwide leaders in factory automation for CNC control systems, robots and production machinery (ROBODRILL, ROBOCUT and ROBOSHOT). Since 1956, FANUC is the pioneer in the development of numerically controlled machines in the automation industry. With 261 locations supporting 107 countries worldwide and more than 6,500 employees, FANUC offers a dense network in sales, technical support, research & development, logistics and customer service.

PR Contact:

More information can be acquired here:

FANUC Europe Corporation
Société Anonyme
7, rue Benedikt Zender
L-6468 Echternach

Email: pr@fanuc.eu

Home: www.fanuc.eu