

New articulated-arm robot for medium-level applications

SPS 2019, 26th – 28th November 2019, Nuremberg
Hall 7, stand 391

Mitsubishi Electric is completing its range for robotics beginners and cost-conscious users with the MELFA RV-8CRL articulated arm model, which will be shown for the first time in Europe at SPS 2019. This robot is an addition to the RH-CH Series SCARA robots, which also cater for low-to-medium complexity applications.

Cost-effective systems can be identified as an important trend in robotics - alongside safety, collaboration and programmability. To meet these demands, while reducing the investment required by existing and future customers, Mitsubishi Electric has developed the RV-8CRL articulated arm model.

"To ensure that the total cost of ownership matches market demands, we have made sure that the quality and longevity of these cost-effective series models are in no way inferior to those of our high-end devices," says Oliver Giertz, Product Manager Servo/Motion & Robotics for EMEA region at Mitsubishi Electric. "To be able to offer the RV-8CRL at an attractive price, we have optimized some manufacturing details. For example, we saved over 200 screw connections in this design and we are passing on this cost advantage to our customers."

With a load capacity of 8 kg and compact and functional design, the new medium-level model is suitable for a wide range of general applications. As far as user-friendliness is concerned, the new system does not differ from its top-of-the-range siblings: as with all [MELFA](#) robots, programming is carried out via the intuitive [RT ToolBox 3](#) software. Seamless communication with other robots and devices will be possible by integration into a network.



Image Caption: The new MELFA RV-8CRL articulated arm robot from Mitsubishi Electric is serving the area of low-to-medium complexity applications. [Source: Mitsubishi Electric Europe B.V.]

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Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology.

With around 145,800 employees the company recorded consolidated group sales of 40.7 billion US Dollar* in the fiscal year ended March 31, 2019.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

** At an exchange rate of 111 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2019*

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