



PRESS RELEASE

European debut for the world's largest production robot

Visitors to this year's EuroBlech sheet metal working exhibition, in Hannover 21st – 25th October, will see the world's largest and strongest industrial robot capable of handling a 1,200Kg payload. The new FANUC Robotics M-2000iA heavy-duty robot sets new levels for all round capability in the heavy-duty six axes robot sector.

The six axes robot arm is available in 900Kg and 1,200Kg payload variants – M-2000iA/900L and M-2000iA/1200 - and is capable of handling its maximum payload quickly, smoothly and with a high degree of accuracy. Wherever super-heavy components require accurate handling, for example assembly of heavy machine tool components or positioning vehicle bodies, the M-2000iA can provide a safe, fast and repeatable alternative to manual crane-assisted placement.

Aimed firmly at new applications formerly out of the scope of industrial robots, the M-2000iA is ideal for replacing cranes, transport shuttles and gantry units. A 6.2Mtr vertical reach is provided by the M-2000iA/900L variant while handling its maximum 900Kg payload with accurately controlled path and speed. The wrists of the robots are IP67 protected for operation in harsh environments.

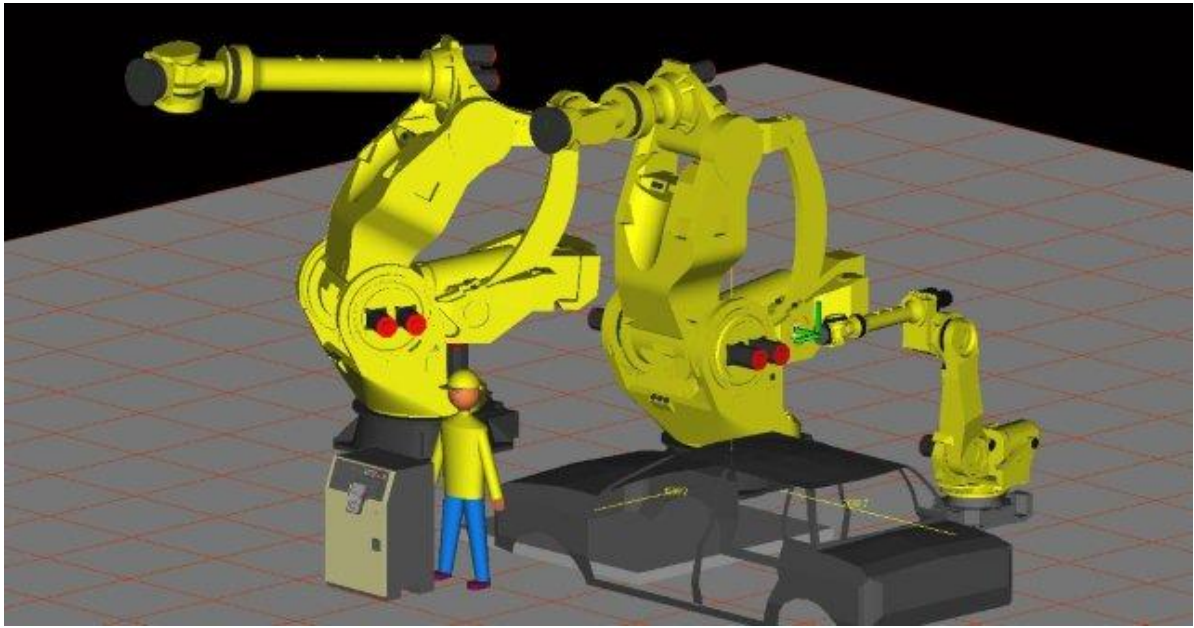
Designed for super heavy and large work pieces, the M-2000iA is a development of FANUC's well proven all electric servo-driven M series. The new robot maintains all the flexibility of the lower payload models with a fast joint 4 wrist speed and the ability to manage high wrist inertias.

The M-2000iA runs with FANUC Robotics' latest intelligent controller – the R-30iA series an open-architecture system with integrated intelligent functions including vision and force sensing. The new FANUC Robotics controller provides enhancements to performance, an increase in the number of robot arms it can control and a fully integrated vision control system.

Where vision is required the R-30iA controller helps reduce integration time and cost with its integrated iRVision system. No additional hardware, other than a camera, is required to integrate vision with the new controller.

Control of up to 40 multiple axes is available with the R-30iA controller and when used in multi-arm mode one controller can control four arms and four auxiliary axes groups.

Further reducing the additional control hardware common to any installation, the new controller has its own Programmable Machine Controller (PMC). The PMC has an integrated monitor which allows the user to monitor the PMC ladder in a graphic display for all levels and sub programs that reside in the controller.



Above image illustrates: scale graphic car body size relative to M-2000iA Robot



Above image illustrates: M-2000iA alongside FANUC Robotics LR-Mate Robot

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Notes to editors:

FANUC Robotics UK Limited provides integrated robotic process solutions for manufacturing industry. A wholly owned subsidiary of FANUC Limited of Japan, FANUC Robotics has been established in the UK since 1982. Operating from its 2,200 sq mtr facility in Coventry, FANUC employs over 45 staff, and supports an installed UK base approaching 6,000 robots.

FANUC Robotics Europe S.A. based in Luxembourg is the headquarters of the European robotics operations of FANUC Ltd. Japan, the world's leading supplier of factory automation and robots.

FANUC Limited was established in 1972 and employs over 2000 people world-wide. Based at the foot of Mt Fuji near Lake Yamanaka FANUC's factory uses over 1000 FANUC robots to support the production of over 24,000 robots per annum. The global installed base of Fanuc robots is over 200,000.