

## A masterful mover from Augsburg

At K 2004, KUKA Roboter unveils its new KR 60 L30-3 KS shelf-mounted robot, a special solution for the plastics industry. A complete product portfolio in the medium clamping force range.



Düsseldorf, Augsburg, October 2004:



As Europe's number one robot manufacturer and global market leader for PC-based industrial robots, Augsburg-based manufacturer KUKA Roboter has always played a pioneering role when it comes to the size and reach of robotic solutions. Now the company has surpassed itself with its industry-specific further development of the KR 60 L30 K shelf-mounted robot: the new KR 60 L30-3 KS for the plastics industry, unveiled for the first time at K 2004 by KUKA Roboter in Hall 04, Booth D34.

The KR 60 L30-3 KS is a masterful mover. Compared with its predecessor system, it distinguishes itself by its lower height and greater downward reach. It offers not only a significantly increased reach, but also a greater depth of work envelope – with a simultaneous reduction in size compared to conventional systems. This is a particular advantage for the loading and unloading of injection molding machines. The manufacturer has managed to reduce the weight of the robot arm to 615 kilograms for the new KR 60 L30-3 KS model compared with 718 kilograms for its predecessor.



The floor space requirement in the A1 range has also been significantly reduced in diameter compared with the previous model. Furthermore, the vertical space requirement of the robot has also been reduced, thus enabling operation in production shops with low ceilings. The robot "knee" (intersection of axes A1 and A2) has been moved forward, enabling the robot to move around obstacles such as machine beams and operator access walkways.

The KR 60 L30-3 KS supports standardized signal exchange in accordance with EuroMap interfaces 12 and 67.

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