

The highly practical, tried-and-tested equipment of KUKA robots is ideally adapted to the requirements of foundry applications. The KUKA in-line wrist withstands temperatures of up to 100 °C in continuous operation, and even peaks of 180 °C for up to 10 seconds every minute. Here are the specific technical features of foundry robots:

Pressure regulator: especially for robots used in spraying applications. Overpressure in the arm housing for optimal protection against penetration of aggressive fluids from outside

In-line wrist for protection rating IP 67, manufactured using corrosion-resistant materials, provided with additional seals and special heat-reflecting paintwork



Additional seals: at the interface of the arm extension, the arm housing, the counter-balancing system, and the axis motors

Paintwork: Triple coat (two-component paint in each coat), very good final hardness, impact-resistant and hard-wearing, resistant against both acids and alkalis, and can briefly withstand temperatures of up to 220 °C