

FANUC

S-430iF Robot



ROBOT SPECIFICATIONS

Axes	6
Payload	130kg (286.6lbs)
H-Reach	2643mm (104.05in)
Repeatability	0.5mm (0.02in)
Robot Mass	1300kg (2865.98lbs)
Mounting	floor
Available Controllers	RJ3

ROBOT DESCRIPTION

The FANUC S-430iF is a high performance industrial robot often used in the automotive industry. The FANUC S 430iF RJ3 is ideal for spot welding and material handling applications. These applications demand power and performance and the S430iF RJ-3 delivers both in addition to providing a wide working envelope. The flexibility available in the S-430iF is due to a mechanical spring component in the J-2 axis, which allows the robot to reach over its head and behind it, pushing the work envelope even further when fully optimized. RobotWorx also offers a wide variety of refurbished robots, including the used FANUC S-430iF. The used S-430iF has undergone a meticulous refurbishment process and comes with the RobotWorx Value Package.

ROBOT MOTION SPEED

J1	95 °/s (1.66 rad/s)
J2	95 °/s (1.66 rad/s)
J3	95 °/s (1.66 rad/s)
J4	100 °/s (1.75 rad/s)
J5	100 °/s (1.75 rad/s)
J6	160 °/s (2.79 rad/s)

ROBOT MOTION RANGE

J1	±180°
J2	+75° - 59°
J3	+229° - 133°
J4	±360°
J5	±125°
J6	±360°

APPLICATIONS

- Spot Welding
- Material Handling
- Fiberglass Cutting

Robot Work Envelope

