

FANUC

S-420F Robot



ROBOT SPECIFICATIONS

Axes	6
Payload	120kg (264.55lbs)
H-Reach	2413mm (95in)
V-Reach	2731mm (107.52in)
Repeatability	0.02mm (0in)
Robot Mass	1600kg (3527.36lbs)
Mounting	floor
Available Controllers	RJ2

ROBOT DESCRIPTION

Used for applications such as material handling and arc welding, the FANUC S-420F is a six-axis robot that is capable of handling a heavy payload of 120kg. Application aptitude: The versatility of the Fanuc S-420F RJ2 robot makes it an attractive choice. One it is outfitted with the appropriate tooling, this large robot model can easily handle arc welding, bonding, sealing, machine tending and many more applications. This flexibility allows companies to maximize their use of the robot. Consider the advantages of a material handling/welding robot. This single robot can switch between applications, increase throughput and bring consistency to your cycle times.

ROBOT MOTION SPEED

J1	90 °/s (1.57 rad/s)
J2	90 °/s (1.57 rad/s)
J3	90 °/s (1.57 rad/s)
J4	120 °/s (2.09 rad/s)
J5	120 °/s (2.09 rad/s)
J6	120 °/s (2.09 rad/s)

ROBOT MOTION RANGE

J1	±300°
J2	±115°
J3	±130°
J4	±360°
J5	±240°
J6	±360°

APPLICATIONS

- Arc Welding
- Bonding / Sealing
- Fiberglass Cutting