

FANUC R-1000iA/80F



High speeds with a small profile, the FANUC R-1000iA/80F is capable of demanding applications such as spot welding and heavy material handling. This compact material handling arm features a generous payload capacity of 80 kg and a large working envelope. The FANUC R-1000iA 80F R-30iA is versatile enough for both floor and inverted mounting.

The wrist motors of the R-1000iA/80F are located near the rear of the J3 axis. This keeps them isolated from hazardous environments. An IP67 wrist allows the FANUC R-1000iA/80F R-30iA to handle parts in wet conditions.

For more information about the FANUC R-1000iA/80F, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 80 kg
 H-Reach:..... 2230 mm
 Repeatability:±0.2 mm
 Robot Mass: 620 kg
 Structure:Articulated
 Mounting:Floor, Inverted

Robot Motion Speed

J1..... 170°/s (2.97 rad/s)
 J2..... 140°/s (2.44 rad/s)
 J3..... 160°/s (2.79 rad/s)
 J4..... 230°/s (4.01 rad/s)
 J5..... 230°/s (4.01 rad/s)
 J6..... 350°/s (6.11 rad/s)

Robot Motion Range

J1..... ±360°
 J2..... ±245°
 J3..... ±360°
 J4..... ±720°
 J5..... ±250°
 J6..... ±720°

Robot Controllers

R-30iA >
 R-30iB Mate cabinet >
 R-30iB A/B-cabinet >
 R-30iB iPendant Touch >

Robot Applications

Fiberglass Cutting > Resistance Welding >
 Material Handling > Spot Welding >
 Palletizing >