



FANUC Controller Compatibility
Hardware/Software Requirements



Supported Robot Controllers

The following robot controllers are supported for use with Forge/OS.

CONTROLLER	OS REQUIREMENT
R-30iA	V7.50-1
R-30iB	V8.10-1 - up
R-30iB Mate	V8.10-1 - up
R-30iB Plus	V9.10-1 - up
R-30iB Mate Plus	V9.10-1 - up

Software Requirements

The following are additional software packages that will be required for you to purchase separately to allow you to setup and operate your robot with READY's Forge/OS. READY does not sell these items. Please contact your local distributor or sales rep.

Options	R-30iA	R-30iB	R-30iB Plus	R-30iB Mate	R-30iB Mate Plus
RTL-R632-HT KAREL	Required				
RTL-R648-HT User Socket Messaging	Required				
RTL-R735-HT DCS Pos./Speed Pkg	Required				
RTL-J568-HT DCS Safe I/O connect	Required				
RTL-R632 KAREL		Required	Required	Required	Required
RTL-R648 User Socket Messaging		Required	Required	Required	Required
RTL-R589 Advanced DCS		Required	Required	Required	Required



Hardware Requirements

The following are additional hardware items that will be required for you to purchase separately to allow you to setup and operate your robot with READY's Forge/OS. READY does not sell these items. Please contact your local distributor or sales rep.

Non-Collaborative:

Hardware Options	Non- Collaborative Robot Models				
	R-30iA	R-30iB	R-30iB Plus	R-30iB Mate	R-30iB Mate Plus
NE-2020-901-002 OPSFTY BREAKOUT HARNESS	Required				
MATE-SAFETY-IO, Safe I/O PCB Kit Mate Cabinet - Mini-slot This option includes: · Safety I/O PCB (A05B-2600-J131) · Safety IO Cable (A05B-2650-J180) · Conv Unit with mounting hardware and cable (A05B-2650-J132)				Required	Required
MHIB-SAFETY-IO, Safe I/O PCB Kit A-Cab - Mini-slot This option includes: · Safety I/O PCB (A05B-2600-J131) · Safety IO Cable (A05B-2602-J200) · Conv Unit Cable (A05B-2602-J201) · Conv Unit (A05B-2600-J132) · Conv Unit Adapter (A05B-2605-J445)		Required	Required		

Collaborative:

Hardware Options	Collaborative Robot Models			
	R-30iB	R-30iB Plus	R-30iB Mate	R-30iB Mate Plus
MATE-SAFETY-IO, Safe I/O PCB Kit Mate Cabinet - Mini-slot This option includes: · Safety I/O PCB (A05B-2600-J131) · Safety IO Cable (A05B-2650-J181) Note different cable PN · Conv Unit with mounting hardware and cable (A05B-2650-J132)			Required	Required
MHIB-SAFETY-IOB, Safe I/O PCB Kit CR Robots - Mini-slot This option includes: · Safety I/O PCB (A05B-2600-J131) · Safety IO Cable (A05B-2604-J200) · Conv Unit Cable (A05B-2602-J201) · Conv Unit (A05B-2600-J132) · Conv Unit Adapter (A05B-2605-J445)	Required	Required		