

YRC1000 Full Load Current Chart

Application	Robot Model	Robot Average Power Requirement (kVA)	Controller Nameplate Full Load Current (A) (@380VAC)	Full Load Current (A) (@480VAC)
Collaborative	HC10DTP	1.0	1.5	1.2
	HC20DTP	1.5	2.3	1.8
	HC30PL	1.5	2.3	1.8
General Purpose	GP4	1.0	1.5	1.2
	GP7	1.0	1.5	1.2
	GP8	1.0	1.5	1.2
	GP8L	1.5	2.3	1.8
	GP12	1.5	2.3	1.8
	GP25	2.0	3.0	2.4
	GP25-12	2.0	3.0	2.4
	GP20HL	4.0	6.1	4.8
	GP35L	4.5	6.8	5.4
	GA50	4.5	6.8	5.4
	GP50	4.5	6.8	5.4
	GP70L	5.0	7.6	6.0
	GP88	4.0	6.1	4.8
	GP110	5.0	7.6	6.0
	GP110B	5.0	7.6	6.0
	GP110H	5.0	7.6	6.0
	GP165R	5.0	7.6	6.0
	GP180	5.0	7.6	6.0
	GP180H	5.0	7.6	6.0
	GP180-120	5.0	7.6	6.0
	GP200R	5.0	7.6	6.0
	GP200S	5.0	7.6	6.0
	GP215	5.0	7.6	6.0
	GP225	5.0	7.6	6.0
	GP225H	5.0	7.6	6.0
	GP250	5.0	7.6	6.0
	GP280	5.0	7.6	6.0
	GP280L	7.5	11.4	9.0
GP400	7.0	10.6	8.4	
GP400R	7.0	10.6	8.4	
GP600	7.0	10.6	8.4	
Arc Welding	AR700	1.0	1.5	1.2
	AR900	1.0	1.5	1.2
	AR1440	1.5	2.3	1.8
	AR1440E	1.5	2.3	1.8
	AR1730	2.0	3.0	2.4
	AR2010	2.0	3.0	2.4
	AR3120	4.0	6.1	4.8
Spot Welding	SP80	4.0	6.1	4.8
	SP100	5.0	7.6	6.0
	SP100B	5.0	7.6	6.0
	SP110H	5.0	7.6	6.0
	SP150R	5.0	7.6	6.0
	SP165	5.0	7.6	6.0
	SP165-105	5.0	7.6	6.0
	SP180H	5.0	7.6	6.0
	SP180H-110	5.0	7.6	6.0
	SP185R	5.0	7.6	6.0
	SP210	5.0	7.6	6.0
	SP225H	5.0	7.6	6.0
	SP235	5.0	7.6	6.0
Palletizing	PL80	4.5	6.8	5.4
	PL190	9.5	14.4	11.4
	PL190-100	9.5	14.4	11.4
	PL320	8.0	12.2	9.6
	PL500	8.0	12.2	9.6
	PL800	8.0	12.2	9.6
Press Handling	PH130F	7.5	11.4	9.0
	PH130RF	7.5	11.4	9.0