





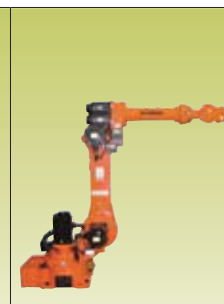

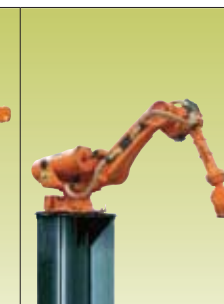











# Hyundai Robot Series

Model						
			HA006B	HA006L	HH010L	HH020
Payload(하중)			6 kg	6 kg	10 kg	20 kg
Max. Reach			1,425 mm	1,994 mm	1,964 mm	1,742 mm
Degree of freedom(자유도)			6 Axes	6 Axes	6 Axes	6 Axes
Installation(설치)			Floor / Wall / Ceiling	Floor / Wall / Ceiling	Floor / Wall / Ceiling	Floor / Wall / Ceiling
Max. Motion Range	S	Swivel	±172 °	±185 °	±185 °	±185 °
	H	For/Backward	+180 ° ~ -78 °	+195 ° ~ -70 °	+195 ° ~ -70 °	+195 ° ~ -70 °
	V	Up/Downward	+180 ° ~ -82 °	+180 ° ~ -80 °	+180 ° ~ -80 °	+180 ° ~ -80 °
	R2	Rotation 2	±180 °	±195 °	±195 °	±195 °
	B	Bending	±135 °	±135 °	±135 °	±135 °
	R1	Rotation 1	±360 °	±360 °	±360 °	±360 °
Max. Speed	S	Swivel	230 °/s	190 °/s	190 °/s	190 °/s
	H	For/Backward	230 °/s	180 °/s	180 °/s	180 °/s
	V	Up/Downward	230 °/s	190 °/s	190 °/s	190 °/s
	R2	Rotation 2	430 °/s	380 °/s	380 °/s	380 °/s
	B	Bending	430 °/s	430 °/s	380 °/s	380 °/s
	R1	Rotation 1	640 °/s	640 °/s	600 °/s	600 °/s
Allowable Moment	R2	Rotation 2	1.2 kgf.m	4.0 kgf.m	2.5 kgf.m	4 kgf.m
	B	Bending	1.0 kgf.m	1.0 kgf.m	2.5 kgf.m	4 kgf.m
	R1	Rotation 1	0.6 kgf.m	0.6 kgf.m	1.1 kgf.m	2 kgf.m
Repeatability (정밀도)			±0.04 mm	±0.06 mm	±0.06 mm	±0.06 mm
Ambient Temperature			0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)
Approximate Weight			145 kg	224 kg	230 kg	225 kg
Max. Rated Power			4.4 kVA	4.4 kVA	4.4 kVA	4.4 kVA
Controller Model			Hi5a	Hi5a	Hi5a	Hi5a
Option				Wrist IP54	Wrist IP67	Wrist IP67
Application	Arc Welding		●	●	●	●
	Spot Welding					
	Handling		●	●	●	●
	Sealing		●	●	●	●
	Others					Press Handling



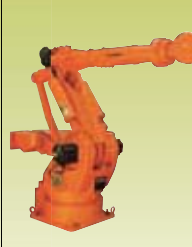

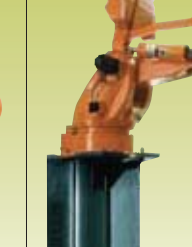

# High Speed

						
HH020L	HH030L	HH050	YS080	HH100SL	HH130L	YS140
20 kg	30 kg	50 kg	80 kg	100 kg	130 kg	140 kg
3,281 mm	2,535 mm	2,239 mm	2,239 mm	3,507 mm	3,082 mm	2,339 mm
6 Axes	6 Axes	6 Axes	6 Axes	6 Axes	6 Axes	6 Axes
Floor / Wall / Ceiling	Floor / Wall / Ceiling	Floor / Wall / Ceiling	Floor / Wall / Ceiling	Shelf	Floor	Floor / Wall / Ceiling
±180°	±180°	±180°	±180°	±180°	±180°	±180°
+180° ~ -65°	+170° ~ -65°	+170° ~ -65°	+170° ~ -65°	+125° ~ -70°	+155° ~ +10°	+180° ~ -60°
+180° ~ -80°	+180° ~ -80°	+180° ~ -80°	+180° ~ -80°	+190° ~ -80°	+190° ~ -80°	+180° ~ -80°
±195°	±360°	±360°	±360°	±360°	±360°	±360°
±135°	±125°	±125°	±125°	±125°	±125°	±125°
±360°	±360°	±360°	±360°	±360°	±360°	±360°
175 %/s	150 %/s	175 %/s	170 %/s	105 %/s	105 %/s	140 %/s
175 %/s	140 %/s	175 %/s	140 %/s	85 %/s	85 %/s	110 %/s
180 %/s	150 %/s	175 %/s	160 %/s	95 %/s	95 %/s	120 %/s
360 %/s	250 %/s	250 %/s	230 %/s	170 %/s	170 %/s	165 %/s
380 %/s	250 %/s	250 %/s	230 %/s	155 %/s	155 %/s	165 %/s
600 %/s	350 %/s	350 %/s	350 %/s	270 %/s	270 %/s	250 %/s
4 kgf.m	20.4 kgf.m	22 kgf.m	40.8 kgf.m	105 kgf.m	105 kgf.m	70 kgf.m
4 kgf.m	20.4 kgf.m	22 kgf.m	40.8 kgf.m	105 kgf.m	105 kgf.m	70 kgf.m
2 kgf.m	10.2 kgf.m	15 kgf.m	20.4 kgf.m	50 kgf.m	50 kgf.m	35 kgf.m
±0.08 mm	±0.08 mm	±0.06 mm	±0.06 mm	±0.15 mm	±0.15 mm	±0.06 mm
0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)
535 kg	650 kg	645 kg	645 kg	1,450 kg	1,400 kg	670 kg
8 kVA	8 kVA	8 kVA	8 kVA	8 kVA	8 kVA	8 kVA
Hi5a	Hi5a	Hi5a	Hi5a	Hi5a	Hi5a	Hi5a
Wrist IP67	Wrist IP67	Wrist IP67	Wrist IP67			
			●	●	●	●
●	●	●	●	●	●	●
●	●					
	Press Handling	Press Handling		Press Handling	Press Handling	

# High Reliability

						
YS140D	HS160L	HP160	HS165S	HS220	HS200S	HS200L
140 kg	160 kg	160 kg	165 kg	220 kg	200 kg	200 kg
1,350 mm	3,036 mm	3,128 mm	3,090 mm	2,666 mm	3,090 mm	3,070 mm
6 Axes	6 Axes	4 Axes	6 Axes	6 Axes	6 Axes	6 Axes
Floor	Floor	Floor	Shelf	Floor	Shelf	Floor
±180°	±180°	±180°	±180°	±180°	±180°	±180°
+165° ~ -30°	+155° ~ +10°	+135° ~ -15°	+125° ~ -70°	+155° ~ +10°	+125° ~ -70°	+155° ~ +10°
+205° ~ -55°	+190° ~ -80°	+75° ~ -65°	+190° ~ -80°	+190° ~ -80°	+190° ~ -80°	+190° ~ -80°
±360°	±360°	-	±360°	±360°	±360°	±360°
±125°	±128°	-	±130°	±128°	±125°	±128°
±360°	±360°	±360°	±360°	±360°	±360°	±360°
120 %/s	120 %/s	130 %/s	105 %/s	120 %/s	95 %/s	95 %/s
120 %/s	115 %/s	120 %/s	105 %/s	105 %/s	95 %/s	85 %/s
120 %/s	115 %/s	120 %/s	105 %/s	115 %/s	95 %/s	85 %/s
165 %/s	174 %/s	-	150 %/s	145 %/s	135 %/s	120 %/s
165 %/s	172 %/s	-	145 %/s	145 %/s	120 %/s	120 %/s
250 %/s	260 %/s	300 %/s	220 %/s	220 %/s	190 %/s	190 %/s
70 kgf.m	110 kgf.m	-	105 kgf.m	145 kgf.m	136 kgf.m	145 kgf.m
70 kgf.m	110 kgf.m	-	105 kgf.m	145 kgf.m	136 kgf.m	145 kgf.m
35 kgf.m	58 kgf.m	50 kgf.m	50 kgf.m	79 kgf.m	72 kgf.m	78 kgf.m
	±0.15 mm	±0.2 mm	±0.06 mm	±0.06 mm	±0.06 mm	±0.2 mm
0~45°C	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)
562 kg	985 kg	1,495 kg	1,540 kg	955 kg	1,595 kg	1,223 kg
8 kVA	8 kVA	8 kVA	8 kVA	8 kVA	8 kVA	10.5 kVA
Hi5a	Hi5a	Hi5a	Hi5a	Hi5a	Hi5a	Hi5a
●	●		●	●	●	●
●	●	●	●	●	●	●
		Palletizing				

# Wide Working Envelope

					
HS260	HH300	HX300L	HX400	HX400S	HX500
260 kg	300 kg	300 kg	400 kg	400 kg	500 kg
2,666 mm	2,666 mm	3,056 mm	2,573 mm	3,106 mm	2,703 mm
6 Axes	6 Axes	6 Axes	6 Axes	6 Axes	6 Axes
Floor	Floor	Floor	Floor	Shelf	Floor
±180°	±180°	±180°	±180°	±180°	±180°
+155° ~ +10°	+155° ~ +10°	+165° ~ +15°	+165° ~ +15°	+95° ~ -50°	+165° ~ +15°
+190° ~ -80°	+190° ~ -80°	+60° ~ -70°	+60° ~ -70°	+60° ~ -60°	+30° ~ -125°
±360°	±360°	±360°	±360°	±360°	±360°
±128°	±125°	±120°	±120°	±120°	±120°
±360°	±360°	±360°	±360°	±360°	±360°
110°/s	95°/s	95°/s	95°/s	85°/s	90°/s
106°/s	85°/s	95°/s	95°/s	85°/s	80°/s
110°/s	85°/s	95°/s	95°/s	85°/s	80°/s
140°/s	115°/s	100°/s	100°/s	100°/s	100°/s
140°/s	110°/s	100°/s	100°/s	100°/s	100°/s
210°/s	190°/s	160°/s	160°/s	160°/s	160°/s
165 kgf.m	180 kgf.m	170 kgf.m	200 kgf.m	200 kgf.m	304 kgf.m
165 kgf.m	180 kgf.m	170 kgf.m	200 kgf.m	200 kgf.m	304 kgf.m
81 kgf.m	81 kgf.m	70 kgf.m	84 kgf.m	84 kgf.m	175 kgf.m
	±0.15 mm	±0.2 mm	±0.15 mm	±0.2 mm	±0.3 mm
0~45°C	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)	0~45°C(273~318K)
1,250 kg	1,250 kg	2,740 kg	2,700 kg	3,040 kg	3,130 kg
10.5 kVA	10.5 kVA	10.5 kVA	10.5 kVA	10.5 kVA	10.5 kVA
Hi5a	Hi5a	Hi5a	Hi5a	Hi5a	Hi5a
●	●	●	●	●	●
●	●	●	●	●	●