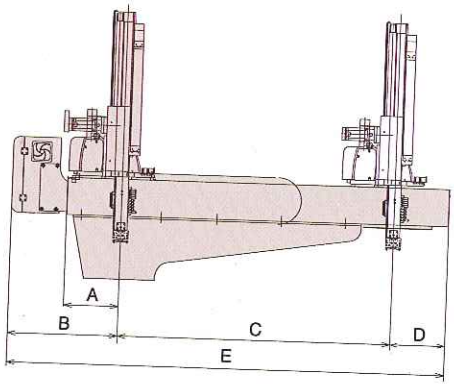
Standard Specifications

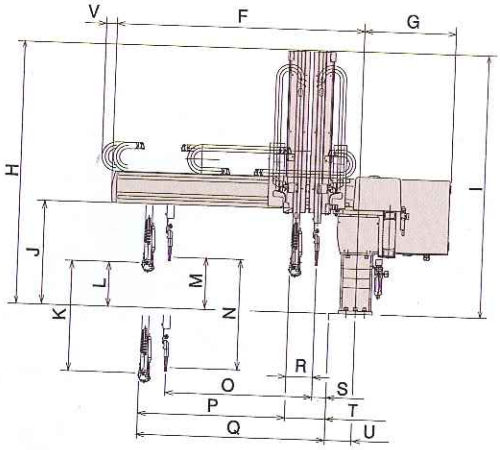
Power source	Driving method	Control method	Air pressure	Maximum allowable air pressure (factory)	Wrist flip angle
AC200V 50/60Hz	Digital servo motor 3/5-axis	Micro computer control	0.49MPa	0.7MPa	90 deg.

Model	Power consumption	Traverse stroke (mm)	Kick stroke (mm)		Vertical stroke (mm)		Air consumption (NL/cycle)	Payload (kg)	Clamping force (tf)
			Main arm	Sub arm	Main arm	Sub arm			
SAⅡ-850S	Single phase S type 1.86kVA AC200V 9.3A	2000 [2500]	1360	–	1700	–	28	15	650–1000
SAⅡ-850D	D type 2.46kVA AC200V 12.3A		1220	1220		1750			
SAⅡ-1000S	3 phase S type 3.2kVA AC200V 9.3A	2500	1520	–	1800	–	40	25	1000–1300
SAⅡ-1000D			1380	1380		1850			
SAⅡ-1300S	D type 4.3kVA AC200V 12.3A	3000	1520	–	1800 〈2000〉	–	45		1300–1600
SAⅡ-1300D			1380	1380		1850 〈2050〉			

S type: Robot is equipped with product take-out arm only. D type: Robot is equipped with product take-out arm and runner take-out arm.
[ ]: Modified traverse stroke 〈 〉: Modified vertical stroke
Payload includes the end-of-arm tool.

Dimensions (mm)





Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
SAⅡ-850S	403	749	2000 [2500]	403	3151 [3651]	1883	586	1973	1958	674	1700	174	224	1750	1220	1360	1500	180	100	140	185	80
SAⅡ-850D																1220				280		
SAⅡ-1000S	430	777	2500	375	3651	2146		2066	2008		1800	100	150	1850	1380	1520	1700	220	100	180		155
SAⅡ-1300S	[375]	[722]	3000	[430]	4151			2066 [2170]	2008 [2108]		1800 [2000]			1850 [2050]		1380				320		
SAⅡ-1300D																1520				180		
																1380				320		

[ ]: Modified traverse stroke
[ ]: For rear-side models