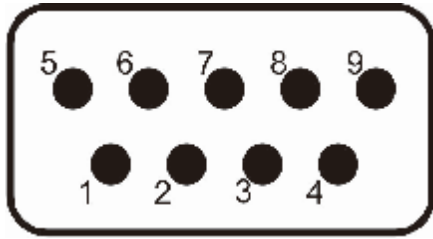
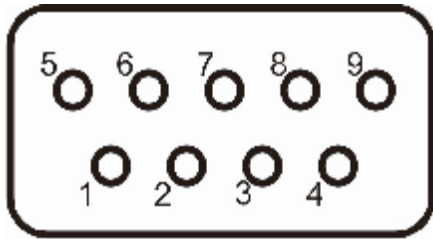


GANTRY DIAGRAM



MALE

	COLOR	POSITION		COLOR	POSITION
1	BLUE	BACK STOP MICROSWITCH	5	GREEN	FRONT STOP MICROSWITCH
2	PURPLE	LEFT/RIGHT STOP MICROSWITCH	6	YELLOW	COIL
3	GREEN/WHITE	UP/DOWN CLAW MICROSWITCH(WHEEL)	7	ORANGE	UP/DOWN CLAW MOTORY (-)
4	NONE		8	RED/WHITE	LEFT/RIGHT MOTOR (-)
			9	BLACK/WHITE	FRONT/BACK MOTOR (-)



FEMALE

	COLOR	POSITION		COLOR	POSITION
1	GREEN	FRONT STOP MICROSWITCH	5	BLACK	UP/DOWN CLAW MICROSWITCH(METAL CLIP)
2	BLUE	BACK STOP MICROSWITCH	6	BROWN	FRONT/BACK MOTOR (+)
3	PURPLE	LEFT/RIGHT MICROSWITCH	7	RED	LEFT/RIGHT MOTOR (+)
4	GRAY	UP/DOWN CLAW MICROSWITCH(WHEEL)	8	WHITE	UP/DOWN CLAW MOTOR (+)
			9	YELLOW	COIL