



The JAGUAR A6 PCB assembly machine features an advanced heating system with Swedish nickel heaters, curved surface reflectors, and forced-air circulation for uniform heating. Its smooth transmission system includes an STK adjustable speed motor and stainless steel mesh belt. Stable electrical control is achieved through imported thermostat control with PID, thermocouples, and SSR solid state relays, ensuring precise temperature management. The machine rapidly heats up in just 20 minutes from room temperature to the set-point.

### Technical Specifications:

Model	JAGUAR A6	
Heating System	Number of heating zones	Top 6 / Bottom 6
	Heating passage	2400 mm
	Heating style	Top: hot air; bottom: IR (top and bottom hot air is optional)
	Cooling style	Force air
Conveyor System	Max. Width of PCB	400 mm
	Mesh belt width	400 mm
	Conveyor Direction	L→R (Left to Right) or R→L (Right to Left)
	Process Height	880 ± 20 mm
	Conveyor type	Mesh (Mesh+Rail is optional)
	Conveyor speed	300-1600 mm/min
	Fixed track	Front track fixed (option: rear track fixed)
	Control System	Power supply
Startup power consumption		30 kW (startup) / 18 kW (steady)
Ramp Up time		About 20 minutes
Temp. setpoint		Room temperature - 300°C
Temp. control method		PID close loop control & SSR driving (PLC+PC is optional)
Temp. control precision		±2°C
Data storage		Process data and status storage (80 GB) (machine with PC)
Nozzle plate		Aluminum Alloy Plate
Abnormal Alarm		Abnormal temperature (overtemp/low temp.)
General	Board dropped alarm	Tower light: Amber (warning), green (normal), Red (abnormal)
	Dimension (LWH)	3700 × 800 × 1350 mm
	Weight	600 kg
	Color	Computer grey