



This advanced system features a Siemens PLC with high-precision temperature control ($\pm 1-2^{\circ}\text{C}$) and Win7 user-friendly operation. It ensures reliability with automatic hood opening, a smooth mesh belt transport, and a computer-controlled mesh/chain transmission. Safety is prioritized with a leakage protector, automatic chain lubrication, and visual/audio alarms. The built-in UPS and delay shutdown system protect against power failures. With ERSA's innovative heating mode, independent temperature control, and quick cooling, it delivers efficient, uniform heat. The system also includes password-protected operations, real-time temperature monitoring, and easy profile management.

Technical Specifications:

Model	JAGUAR F8	
Heating System	Number of Heating Zone	Top 8 / Bottom 8
	Number of Cooling Zone	2 (Top 2, Bottom 2)
	Heating Passage	2955mm
	Heating Style	Hot Air
	Cooling Style	Forced Air Cooling
Conveyor System	Exhaust Volume	10m ³ /min * 2 Exhaust
	Max. Width of Mesh	500mm
	Range of PCB	50-420mm
	Conveyor Direction	L→R (option: R→L)
	Process Height	900±20mm
	Conveyor Type	Mesh and Chain
	Conveyor Speed	300-2000mm/min
Control System	Auto Lubrication	Standard
	Fixed Track	Front Track Fixed (Option: Rear Track Fixed)
	PCB Clearance	Top and Bottom 25mm
	Power Supply	5-line 3-phase 380V 50/60Hz (3-phase 220V 50/60Hz)
	Startup Power	52KW/30KW
	Steady Consumption	6-9KW
	Ramp Up Time	25 mins
	Temp. Setting Range	From Room Temp. to 300°C
	Temp. Control Method	PID Close Loop Control & SSR Driving
	Temp. Control Precision	±1°C
	Data Storage	Process Data and Status Storage (80GB)
General	Nozzle Plate	Aluminum Alloy Plate
	Abnormal Alarm	Abnormal Temperature (Overtemp/Low Temperature)
	Board Dropped Alarm	Tower Light: Amber-warming, Green-normal, Red-abnormal
	Dimension (LWH)	5300x1300x1450mm
	Weight	1850/1950kg
	Color	Computer Grey