MULTIZONE SMT LEAD FREE REFLOW OVEN

JAGUAR M6

This system boasts a unique long-life heating mechanism with Swedish nickel heaters, enhancing efficiency and thermal ramp-up with a curved reflector. Its forced-air circulation ensures uniform PCB heating, eliminating "shadow effects," while high-temperature-resistant materials and a quiet, low-maintenance blower motor further improve reliability. The conveyor system features a stable STK adjustable speed motor, durable mesh belt, and precise speed control. The electrical control system utilizes imported thermostats, rapid-response thermocouples, and solid-state relays for high-precision, uniform temperature control. Additionally, it offers fast heating, failure diagnosis with alarms, and a delay shutdown function for safe cooling.

Technical Specifications:

Model	JAGUAR M6	
Heating System	Number of Heating Zone	Top 6 / Bottom 6
	Heating Passage	2500mm
	Heating Style	Hot Air
	Number of Cooling Zone	Up 1 / Bottom 1
	Cooling Style	Forced Cooling Air
Conveyor System	Max. Width of PCB	300mm
	Mesh Belt Width	400mm
	Conveyor Direction	L→R (or R→L)
	Process Height	900±20mm
	Conveyor Type	Mesh and Chain
	Conveyor Speed	300-2000mm/min
	Manual Lubrication	Standard
Control System	Hood Opening	Electrical Screw Pole
	Fixed Track	Front Track Fixed (Option: Rear Rail Fixed)
	Product Clearance	30mm
	Power Supply	5-line 3-phase 380V 50/60Hz
	Startup Consumption	30/17kW
	Steady Consumption	3-5kW
	Ramp Up Time	About 20 mins
	Temp. Setting Range	Room Temperature to 300°C
	Temp. Control Method	PLC + PC
	Temp. Control Precision	±1.5°C
	Data Storage	Process Data and Status Storage (80GB)
	Nozzle Plate	Aluminum Alloy Plate
	Abnormal Alarm	Abnormal Temperature (Overtemp/Low temp.)
	Board Dropped Alarm	Tower Light: Amber-warming, Green-normal, Red-abnormaL
General	Dimension (LWH)	3700×1100×1450mm
	Weight	900kg
	Color	Computer Grey