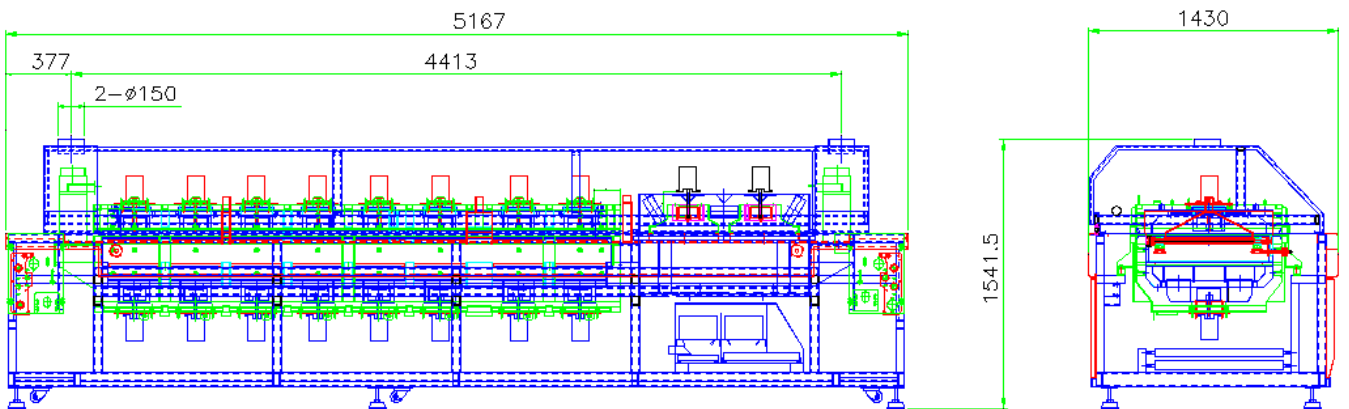


- This machine is specially designed for some mass production users.
- Self-developed controller, PC and on-line UPS form a stable, safe and efficient controlling system. The self-developed controller is specially design for the lead-free wave solder machine and reflow oven. Compare with PLC, it have quicker response, better compatible, more powerful ability for future extension.
- To meet the small power supply requirement from some customer, the software can make the oven to heat up in **certain percent total power** of the machine.
- Brand electrical component like **Schneider (German)** breaker, **Omron (Japan)** box breaker. Meanwhile the **CE certificated blower** is specially design for lead-free reflow oven. It runs stable and lower noise.
- Upper zone and hood can be opened by the **2 electrical screw** automatically. It is very convenient for cleaning and maintenance.
- Specially designed **Ni-Cr heater filaments**, provide a very quick ramp up time. It takes just **15 minutes** from ambient to setting temperature.
- The inner tunnel of the oven is made of **stainless steel** which easy for cleans.
- The entire upper and bottom zones are **forced air convection**; provide great temperature accuracy and uniform.
- Stainless steel **mesh belt and chain conveyor** work together.
- Outside **industrial chiller** provides better cooling performance. With 1.1m length cooling length, it will meet Lead-free cooling requirement totally. Meanwhile **Flux management system is included** which will reduce maintenance of machine.
- It optional for **Center board support** for wide and soft PCB.
- It optional for **Dual rail system** for 2 narrow PCB to transport in parallel.
- It optional for **N2 feeding system with pipes and flow meters**.
- It optional for **N2 analyser**.





Chain and mesh belt conveyor STANDARD



Dual rail conveyor OPTIONAL



Dual thermocouple in each zone
One for PC control, another for safe limiter



Cooling zone supplied with cold water by chiller



Flux management box



Flux management tube

SF - 8C/10C Lead - free reflow oven

Items	SF-8C	SF-10C
Heating zones	Upper 8 hot air zones	Upper 10 hot air zones
	Bottom 8 hot air zones	Bottom 10 hot air zones
Heating zone length	3040mm	3800mm
Overall dimension	L5167*W1430*H1450	L5867*W1430*H1450
Net weight	about 1700Kg	about 2050Kg
General power	64KW	78KW
Consumption power	Approx.16KW	Approx.19KW
Ramp time	15 minutes	18 minutes
Control type	PC control	
Heat type	Upper/bottom zones fully forced hot air convection	
Tem control	PID close-loop, SSR drive	
Temp range	Ambinent-350℃	
Temp accuracy	±1 ℃	
Temp uniform	±2 ℃	
Cooling type	Industrial chiller outside the machine for cooling system	
Conveyor type	Stainless steel mesh belt and chain conveyor	
Conveyor height	900±20mm	
Belt width	560mm	
Max PCB	500mm	
PCB clearance	30mm	
Conveyor direct	Left to right	
Conveyor speed	0-1500mm/min	
Hood lift	Electrical screw pole	
Power supply	380v,3ph,50hz (Option: 220v, 3ph,60Hz or 220v,1ph,60hz)	
Package	Vacuuming	