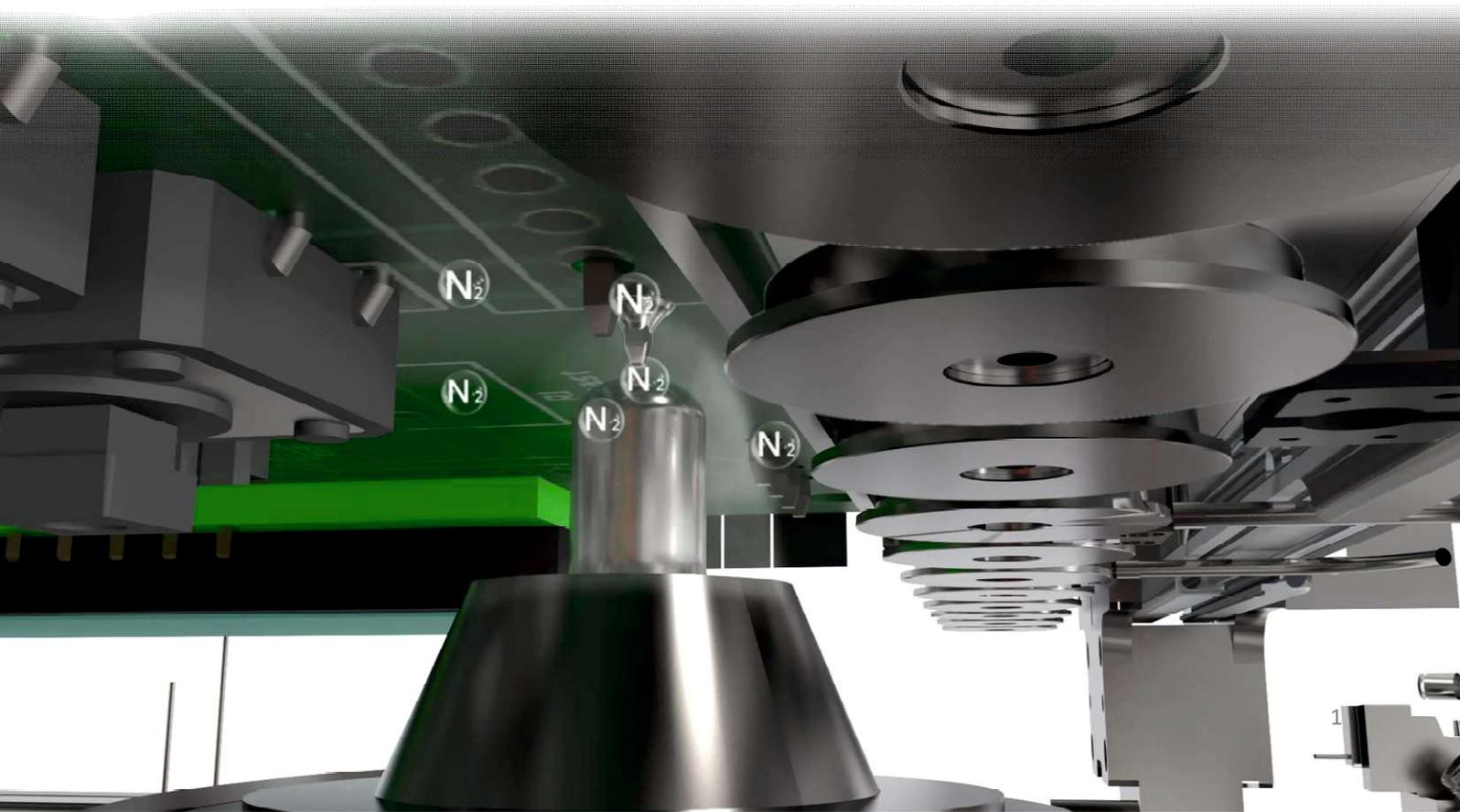
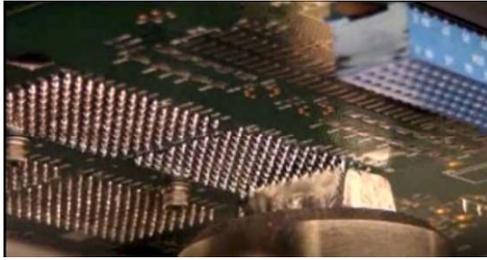


Selective Soldering

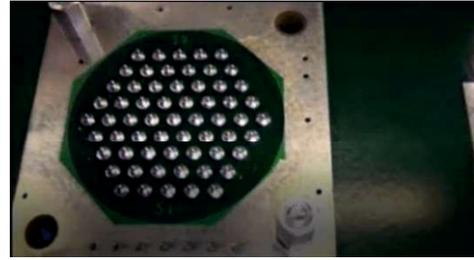
- Inline Selective Soldering Machines
- Inline Modular Selective Soldering Machines



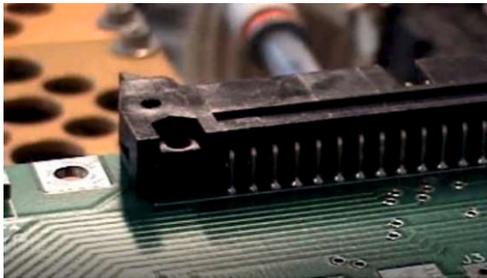
Selective Soldering Machine Applications



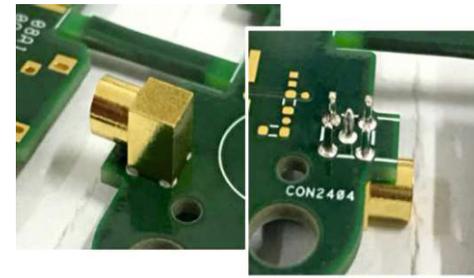
Solder large power strips, be widely used in commercial aviation, aerospace, semiconductor testing



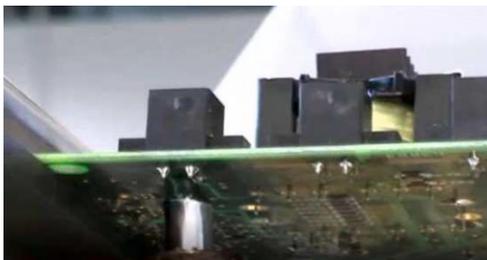
Solder aviation connectors, be widely used in aerospace, military and industrial markets



Solder through-hole connectors, be widely used in automotive electronics and wireless communication



Solder large heat-absorbing through hole components, be widely used in consumer electronics and test instruments



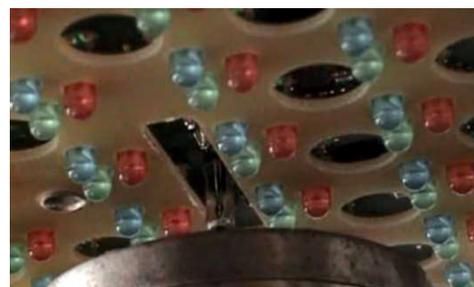
Plastic capacitor through-hole soldering, be widely used in consumer electronics, power boards and other industrial markets



High complex PCB through-hole soldering, be widely used in automotive electronics, 5G communication, medical and railway industries



Irregular shaped components through hole soldering, be applied to national defense, aerospace, medical and railway industries



Irregular shaped PCBA though hole soldering, be applied to communication, testing and industrial markets



High surface cleanliness of PCB applications, be applied to military, national defense, aerospace, medical and railway industries



IGBT power control board, be used for right-angle pads and PCB to PCB connection applications

Selective Soldering Machine

QUICK W5050-S | W5050-2S | W5050-2S+



Features:

- Inline selective soldering machine, single pot and dual pots optional.
- Can be used for Max PCBA dimension 508*508mm.
- Be suitable for massive production of single product.
- Software operation friendly, soldering paths set on basis of pictures, easy and high efficiency.
- Intelligent visual application, automatic scanning, soldering position calibration and fool-proof design.
- Flux flow and liquid level monitoring, minimum spraying width 2mm, reducing PCB ion pollution.
- Preheating temperature online system monitoring and independent monitoring by a third party, ensuring the safe and stable implementation of the heating system.
- Soldering temperature monitoring, wave peak monitoring, nitrogen protection during the whole process, which can improve wettability and lead to reliable soldering quality.
- Electromagnetic pump, constant flow and temperature, stable peak height, no mechanical moving parts, maintenance-free.

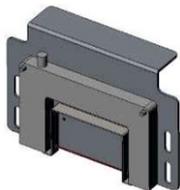
Specifications:

Model	QUICK W5050	
Machine Specifications	Moving Range	500*500mm
	Pot Option	W5050-S single soldering pot W5050-2S dual soldering pots moving up and down simultaneously W5050-2S+ dual soldering pots moving up and down separately
	Power Supply	3-Phase 380V, 50Hz/MAX power consumption 84KW
	Air Supply	Compressed air $\geq 0.6\text{MPa}$ / $\text{N}_2 \geq 0.3\text{mpa}$
	Overall Dimension(W x D x H)mm	2530*1750*1600 (w/o lighthouse and PC etc.)
	Weight	Around 1500Kg
Conveyor Specifications	Communication with Up and Down machines	SMEMA standards
	Upper Conveyor Height	900 \pm 50mm
	Net Space Above Product	100mm
	Net Space Below Product	60mm
Flux, Preheating and Soldering Specifications	Width	70-508mm
	Flux Spray Methods	Micro pot spray(both dot and line available)
	CCD Visual Alignment of Flux Spray Module	Identifying mark points and compensate offset automatically
	Preheating Method	Infrared and Hot Air
	Pump	Electromagnetic
	Wave Height(mm)	0-5mm
	Wave Height Measurement	Automatic
	Tin Pot(kg)	13kg
Max Temp of Tin Pot($^{\circ}\text{C}$)	$\leq 330^{\circ}\text{C}$	
Soldering Monitoring	CCD, real time display of soldering process	
Programming Methods	Online programming via pictures or Gerber files, offline programming and CCD scanning programming	

Optional Accessories



Automatic tin feeding module

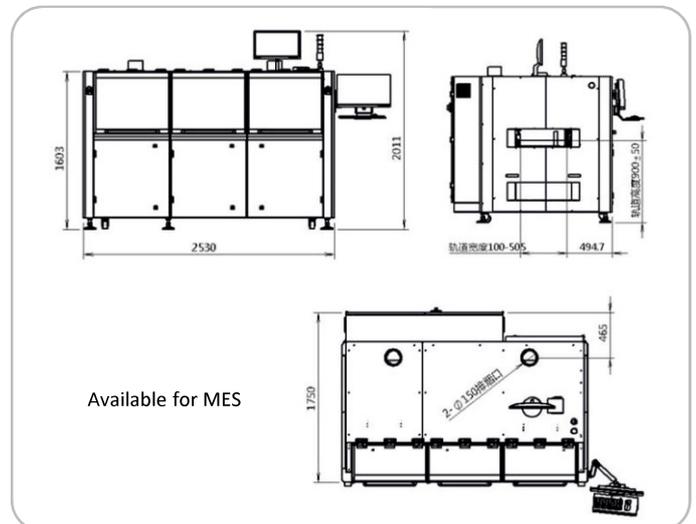
Lower conveyor width adjustable module
(overall dimension 70-500mm)

Flux flow monitoring module



Track load module (20kg)

Overall Dimension



Selective Soldering Machine

QUICK W5050D-S | W5050D-2S | W5050D-2S+



Features:

- Inline selective soldering machine, single pot and dual pots optional.
- Can be used for Max PCBA dimension 508*508mm.
- Be suitable for massive production of single product.
- Software operation friendly, soldering paths set on basis of pictures, easy and high efficiency.
- Intelligent visual application, automatic scanning, soldering position calibration and fool-proof design.
- Flux flow and liquid level monitoring, minimum spraying width 2mm, reducing PCB ion pollution.
- Preheating temperature online system monitoring and independent monitoring by a third party, ensuring the safe and stable implementation of the heating system.
- Soldering temperature monitoring, wave peak monitoring, nitrogen protection during the whole process, which can improve wettability and lead to reliable soldering quality.
- Electromagnetic pump, constant flow and temperature, stable peak height, no mechanical moving parts, maintenance-free.

Specifications:

Model	QUICK W5050D	
Machine Specifications	Moving Range	500*500mm
	Pot Option	W5050D-S dual soldering stations with single pot W5050D-2S dual soldering stations with dual pots moving up and down simultaneously W5050D-2S+ dual soldering stations with dual pots moving up and down separately
	Power Supply	3-Phase 380V, 50Hz/MAX power consumption 84KW
	Air Supply	Compressed air $\geq 0.6\text{MPa}$ / $\text{N}_2 \geq 0.3\text{mpa}$
	Overall Dimension(W x D x H)mm	4325*1750*1600 (w/o lighthouse and PC etc.)
	Weight	Around 2700Kg
Conveyor Specifications	Communication with Up and Down machines	SMEMA standards
	Upper Conveyor Height	900 \pm 50mm
	Net Space Above Product	100mm
	Net Space Below Product	60mm
Flux, Preheating and Soldering Specifications	Width	70-508mm
	Flux Spray Methods	Micro pot spray(both dot and line available)
	CCD Visual Alignment of Flux Spray Module	Identifying mark points and compensate offset automatically
	Preheating Method	Infrared and Hot Air
	Pump	Electromagnetic
	Wave Height(mm)	0-5mm
	Wave Height Measurement	Automatic
	Tin Pot(kg)	13kg
	Max Temp of Tin Pot($^{\circ}\text{C}$)	$\leq 330^{\circ}\text{C}$
Soldering Monitoring	CCD, real time display of soldering process	
Programming Methods	Online programming via pictures or Gerber files, offline programming and CCD scanning programming	

Optional Accessories



Automatic tin feeding module

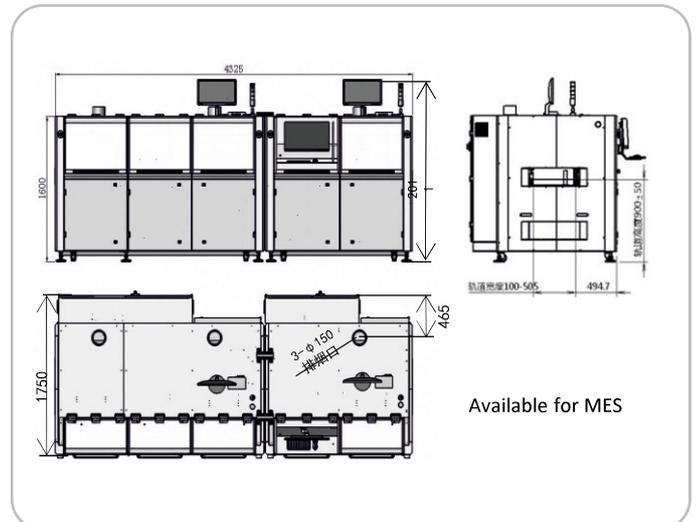
Lower conveyor width adjustable module
(overall dimension 70-500mm)

Flux flow monitoring module



Track load module (20kg)

Overall Dimension



Selective Soldering Machine

QUICK W5050T-S | W5050T-2S+



Features:

- Inline selective soldering machine, single pot and dual pots optional.
- Can be used for Max PCBA dimension 508*508mm.
- Be suitable for massive production of single product.
- Software operation friendly, soldering paths set on basis of pictures, easy and high efficiency.
- Intelligent visual application, automatic scanning, soldering position calibration and fool-proof design.
- Flux flow and liquid level monitoring, minimum spraying width 2mm, reducing PCB ion pollution.
- Preheating temperature online system monitoring and independent monitoring by a third party, ensuring the safe and stable implementation of the heating system.
- Soldering temperature monitoring, wave peak monitoring, nitrogen protection during the whole process, which can improve wettability and lead to reliable soldering quality.
- Electromagnetic pump, constant flow and temperature, stable peak height, no mechanical moving parts, maintenance-free.

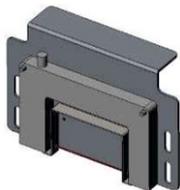
Specifications:

Model	QUICK W5050T	
Machine Specifications	Moving Range	500*500mm
	Pot Option	W5050T-S with 3 soldering stations with single pot; W5050T-2S+ with 3 soldering stations with dual pots moving up and down separately
	Power Supply	3-Phase 380V, 50Hz/MAX power consumption 84KW
	Air Supply	Compressed air $\geq 0.6\text{MPa}$ / $N_2 \geq 0.3\text{mpa}$
	Overall Dimension(W x D x H)mm	6120*1750*1600 (w/o lighthouse and PC etc.)
	Weight	Around 3900Kg
	Communication with Up and Down machines	SMEMA standards
Conveyor Specifications	Upper Conveyor Height	900 \pm 50mm
	Net Space Above Product	100mm
	Net Space Below Product	60mm
	Width	70-508mm
Flux, Preheating and Soldering Specifications	Flux Spray Methods	Micro pot spray(both dot and line available)
	CCD Visual Alignment of Flux Spray Module	Identifying mark points and compensate offset automatically
	Preheating Method	Infrared and Hot Air
	Pump	Electromagnetic
	Wave Height(mm)	0-5mm
	Wave Height Measurement	Automatic
	Tin Pot(kg)	13kg
	Max Temp of Tin Pot($^{\circ}\text{C}$)	$\leq 330^{\circ}\text{C}$
Soldering Monitoring	CCD, real time display of soldering process	
Programming Methods	Online programming via pictures or Gerber files, offline programming and CCD scanning programming	

Optional Accessories



Automatic tin feeding module

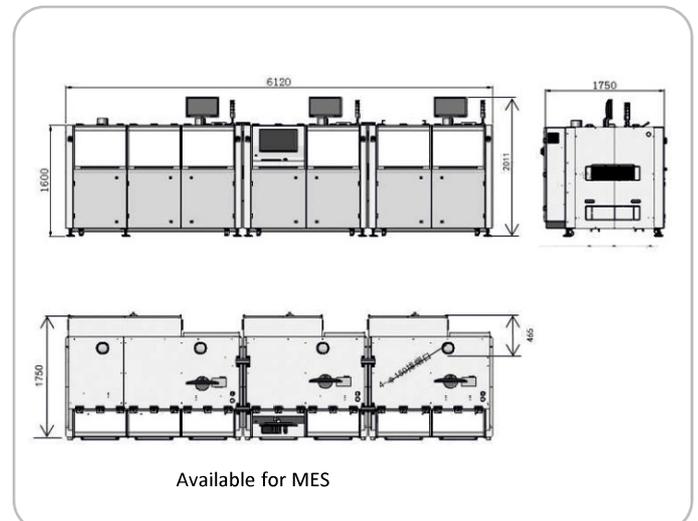
Lower conveyor width adjustable module
(overall dimension 70-500mm)

Flux flow monitoring module



Track load module (20kg)

Overall Dimension





QUICK INTELLIGENT EQUIPMENT



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