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GLOBALIZATION AND LOCALIZATION

I.C.T Worldwide

Global change brings global opportunities, I.C.T has rapidly become a smart solution provider globally in the past two decades, and will keep strengthening on "globalization and localization" influence in the coming decade. We provides professional solution and service for customers. Supported by collaboration of world-widely profound partners and Asian superior resources, I.C.T offers local customers with systematic one-stop solutions. With global industrial labor transform, I.C.T has made strategic adjustment and increased investment in overseas markets,"Global Resources, Local Services" concept is high recognized and praised by more and more customers.



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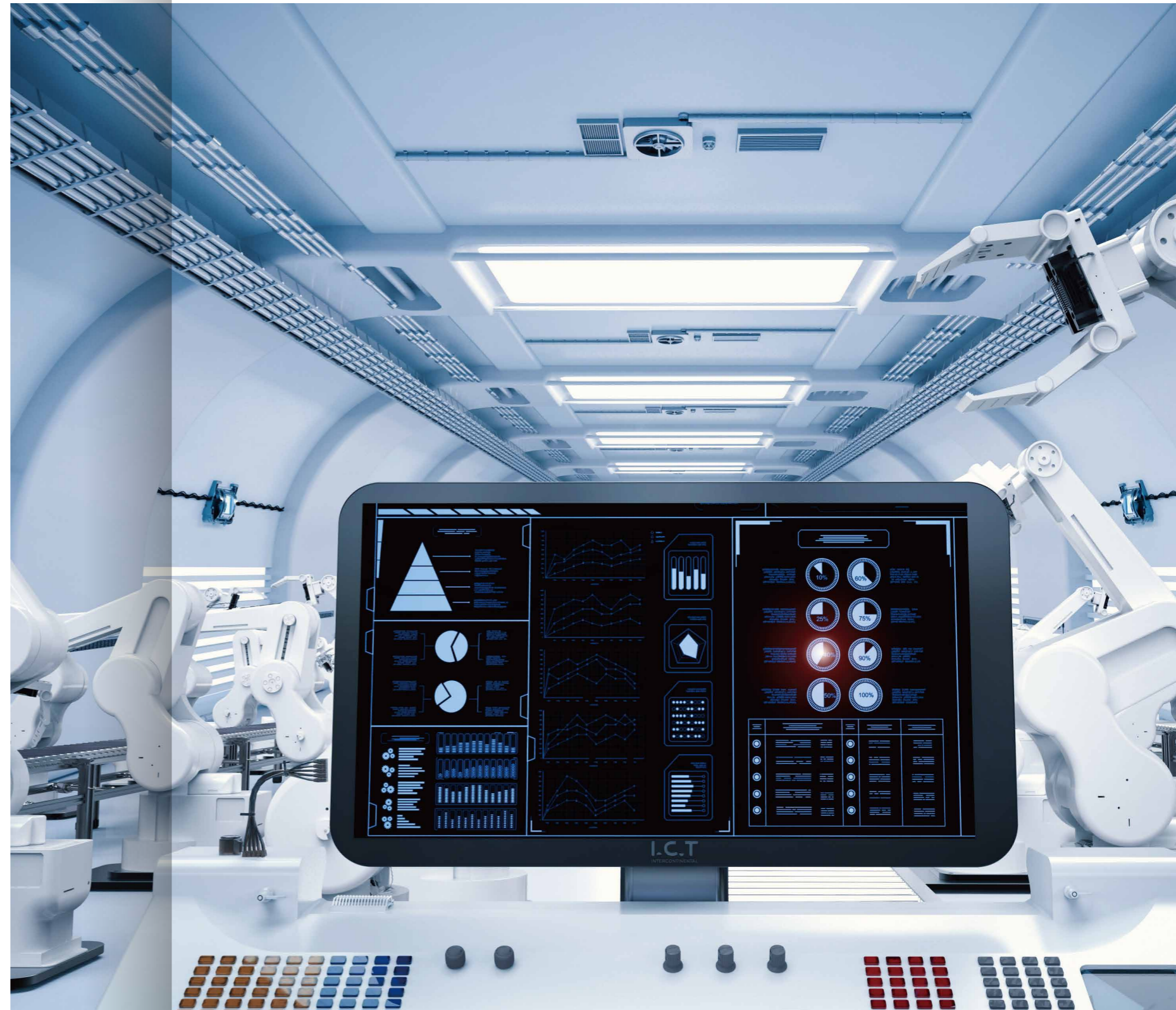
WHO WE ARE

WHO WE ARE

Global change brings global opportunities. Under this circumstance, I.C.T has rapidly become a smart equipment solution provider globally in the past two decades, and will keep strengthening on globalization and localization influence in the coming decade. As a leading SMT factory solutions provider with 25 years' SMT industry experience, I.C.T provides customers with professional solution and service. Supported by collaboration of world-widely profound partners and Asian superior resources, I.C.T provide local customers with systematic one-stop SMT solutions. So far, I.C.T has 13 wholly-owned and shareholding group member companies in Asia, and the company member is expected to be more than 20 in 2025.

I.C.T core team has accumulated wealthy experience in the development of Asian electronics manufacturing industry for decades. More than a complete line of equipment, added values are provided to customers by I.C.T too, such as SMT technical support, service concepts and professional advice. We are pleasure to share our experiences with oversea local customers helping them develop their local markets and customers. We would love to do our contribution for the development of every customer's business in the filed of semiconductor, biomedical, industrial control, automotive electronics, aerospace, smart display, consumer electronics and others.

With global industrial labor transform, I.C.T has made strategic adjustment and increased investment in overseas markets since 2017. Overseas customers accounts for 90% of the total market share till now. "Global resources, Local services", the concept is high recognized and praised by more and more customers.





OUR WORDS

Simple

Simple and effective idea communication and action, help partners and customers as our action goal, and serve our partners with the simplest and fastest concept.

Open

An open and transparent attitude. (open to I.C.T team; open to our group members; open to our partners; open to I.C.T supply chain partners). Maximize the best value of resources to safeguard customers' interests ultimately.

Undertake

On the way of globalization and localization, I.C.T team is willing to take responsibilities and share risks with our partners to create value for our customers.

Coordination

Cooperate to Create. Collaborating with Asian supply chain partners and global sales and service partners, I.C.T group do our best to create over-expected value for worldwide customers with simple and open philosophy.

Share

I.C.T group shares the joy of fulfillment by creating value for customers with all our partners under the trend of globalization and localization.

HISTORY

In 2001, I.C.T founding team joined SMT industry.

In 2006, the initial company was established to engage in SMT/DIP technical service business.

In 2012, I.C.T's predecessor company ETA was created, equipment manufacturing factory was set up.

In 2017, management direction was changed.

Company's internal shareholding system was reformed, we placed emphasis on the global market.

In 2019, the group wholly acquired one German-Hong Kong joint venture Chinese manufacturing factory.

5 plants with participation and holding.

In 2020, there were more than 20 global service partners.

In 2021, internal reformed again. The number of collaborative equipment manufacturers increased to 13.

Global upgrade to I.C.T.



WHATS OUR VALUE

In the process of global industrial transformation, I.C.T has gained valuable experience in SMT field. We are honored that I.C.T is a trusted and reliable vendor, and we are also pleased to learn that customer is happy and excited to be part of the I.C.T success and family! How can we keep competitive under continuous changes in the future? It is the question that I keep thinking about all the time. Only to think in a simple and open mind, doing things on the basis of customers' interests in a global view, can our team grow healthier and cope freely with challenges. We would like to provide our customers the best support before and after sale by working together with our partners. We have been working on improving shortcomings and strengthening advantages so that better solutions can be provided when encountering unforeseen risks in the future. Valuable advice is appreciated by any partner, let's work together to embrace tomorrow.



The rapid development in the past few years has exceeded our expectations. Thanks for our customers' trust, we have encountered various problems in the process of service in the past, and there will be many new problems waiting for us to solve in the future. We will continue optimizing our team and adjusting our service strategy as per customers' actual situations from different countries. We would like to become a close business community together with our customers to face various problems and challenges that may arise in the future.

Shanny

Shanny
I.C.T Technology



GATHER

Why Aggregate Supply Chain

I.C.T continues to pay attention to the global industrial transformation and distribution, maintaining close contact with global emerging market. I.C.T continues to link with industrial developed market and keep concerned about demand change in emerging market. Global supply chain resource is backup support for servicing customers, I.C.T has invested in some

local manufacturers in smt and electronic smart manufacturing field, meanwhile bringing in global idea and technical R&D investment for our supply chain partners. This ensures I.C.T can present our customer the most competitive and qualified products under rapid growth in the coming years, meanwhile ensures our global partners achieving their goals and visions by I.C.T's support.

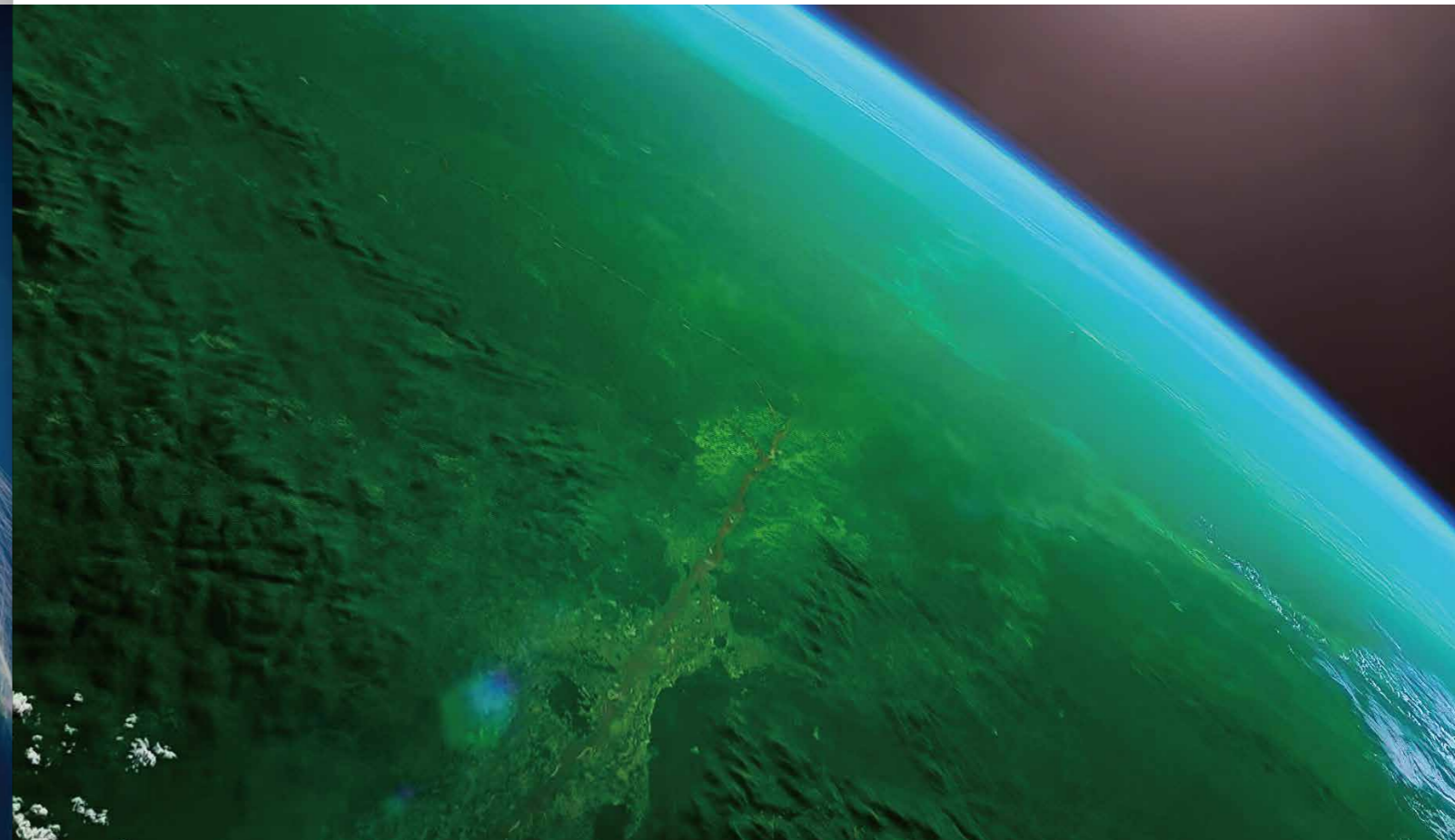


SHARE

Marketing Sharing

The concept of customer-focused, open minded and collaborative development always runs through how I.C.T keeps up with a changeable global marketplace. I.C.T assists customers to have stronger competitiveness in their market, This concept has been verified and approved by customers during epidemic and post-epidemic period.

I.C.T adheres to the concept of "Global Resources, Local Service", continues to provide more valuable products to local customers with global partners, and provides the fastest service support through localized partners, so that our customers may enjoy comprehensive global industrial chain support and efficient local service.



PARTNER

CAN WE DO

Investment Cooperation

I.C.T prefers to work with global manufacturers and service providers by ways of investment or acquisition. We would like to create a benefit community by bringing Asian supply chain to oversea partners and assisting partners more improvement.



Technical Output

I.C.T provides overall technical solutions for electronic factory setup, participates in industrial technology standards improvement, makes rational planning for governments, institutions, and associations, meantime shares technical ideas with partner.



Turnkey Solution

Through our supply chain output, I.C.T helps customers build factories from A to Z, including technical evaluation, equipment provision, workshop planning, technical support and service. We stay with every customer for years by every case.



Finance Lease

I.C.T provides customers with high-quality credit ratings and financial leasing services for overall production equipment, providing all equipment while helping customers reduce fixed asset investment and make finance more flexible.



FLEXIBLE SOLUTIONS

SMT line



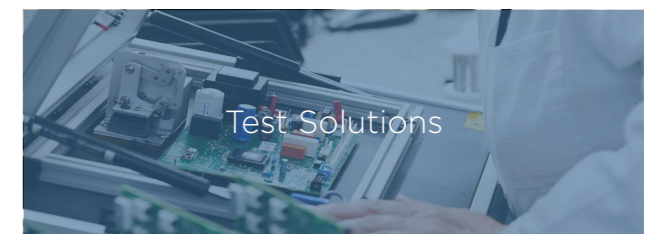
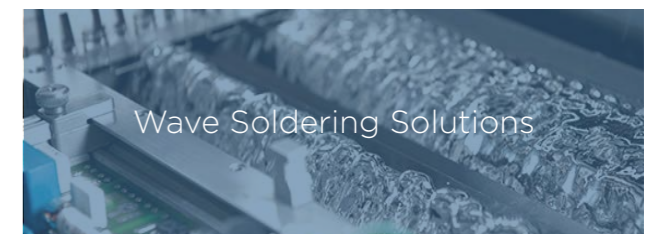
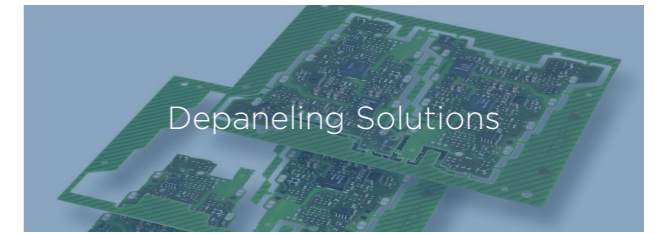
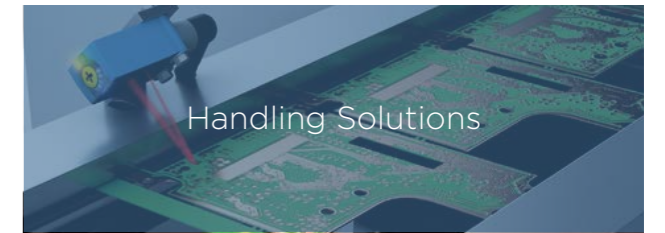
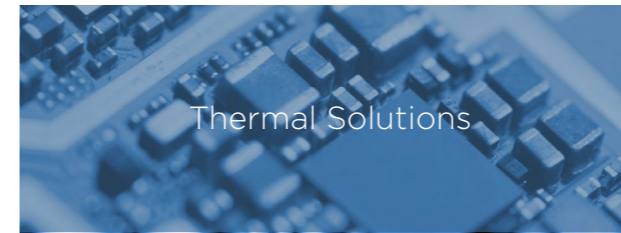
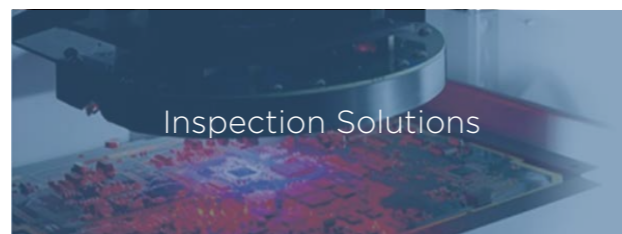
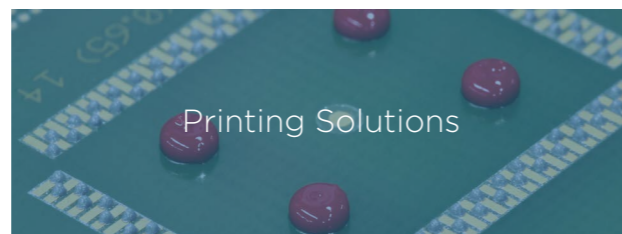
DIP line



Selective AI line



Coating line



Smart Factory Solutions

MES System

Manufacturing Execution System, systematic workshop manufacturing execution and management.

WMS System

Warehouse Management System, by controlling and managing the whole process, the enterprise warehouse information management is realized.

QMS System

Quality Management System, based on PDCA logic, ensure quality and continuous improvement in the production process.

APS System

Advanced Planning and Scheduling, make the plan and material accurate to the step level, and comprehensively solve the production plan and material control.

TPM System

Total Productive Maintenance, overall control of equipment and fixtures based on the idea of lean production.



Printing Solutions

Manual Printer

Low precision and low productivity, component size >0402, development stage of the laboratory and other links.

Semi-auto Printer

Low labor costs and common product process, component size >0402&0.5mm IC pitch, LED and home appliances.

Full-auto Printer

High automation, high precision, high-quality process, component size 008004, the trend of Industry 4.0.

Long board Printer

Special products in the industry such as 1500mm LED, UPS and other special process.

Dispenser&Jet Printer

Usually the red glue process, can also be combined with the solder paste process, to meet the different SMT processes.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - P3	30*30 - 350*300	850*750*1650	280
I.C.T - 5151	50*50 - 510*510	1220*1530*1500	1300
I.C.T - 1200(LED)	80*50 - 1200*350	2200*1200*1500	1500

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Placement Solutions

Low Volume Placer

Provides the convenience optimized for a wide range of low volume special processes.

Middle Volume Flexible Mounter

Superior productivity and versatility, with the high throughput all-in-one flexible mounter.

High Volume High Performance Mounter

A modular mounter able to provide the best line, high productivity with total mounting line.

Multi- Functional Pick and Place Machine

With scalability and the versatility, necessary for increasing productivity for high-mix production.

Smart Modular Placement Platform

A truly modular design for the optimal line configuration that caters to your production.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
RS-1R	50*50 - 360*370	1500*1810*1440	1700
SM481 Plus	50*50 - 460*400	1650*1680*1530	1655
SM482 Plus	50*50 - 460*400	1650*1680*1530	1600

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Inspection Solutions

Solder Paste Inspection (SPI)

3D inspections, powerful guarantee of smt printing process, product zero-defect.

SMT Automated Optical Inspection (AOI)

Multi-purpose system, realize super high-speed and high-accuracy 2D&3D inspections for PCBA.

DIP Automated Optical Inspection (AOI)

Whole inspect of dip insertion process, quality assurance and full coverage optical inspection.

Automated X-Ray Inspection (AXI)

Multi-directional and multi angle xray inspection on semiconductors, smt, dip, components, etc.

Conformal Coating Inspection(CCI)

Coating and dispensing process shall be to ensure the effective guarantee of product reliability.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - S400	55*55 - 450*500	1000*1150*1530	965
I.C.T - 8200	50*50 - 510*420	1080*1180*1730	1150
I.C.T - V5200	50*50 - 510*460	940*1190*1500	750

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Thermal Solutions

SMT Air Reflow Oven

Various smt soldering procss in different zones are guaranteed, multi rail, mesh, CBS optional.

SMT Nitrogen Reflow Soldering Machine

The whole process introgen protection, realize high reliable soldering of precision process.

Special Soldering Oven

Suitable for special soldering, such as radiator, 5g module and other special process windows.

Drying&UV Oven

For special coating materials, more scenes and meet a wider range of process requirements.

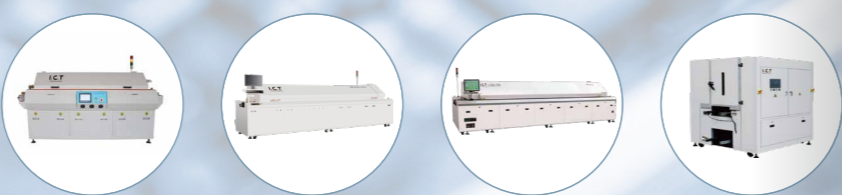
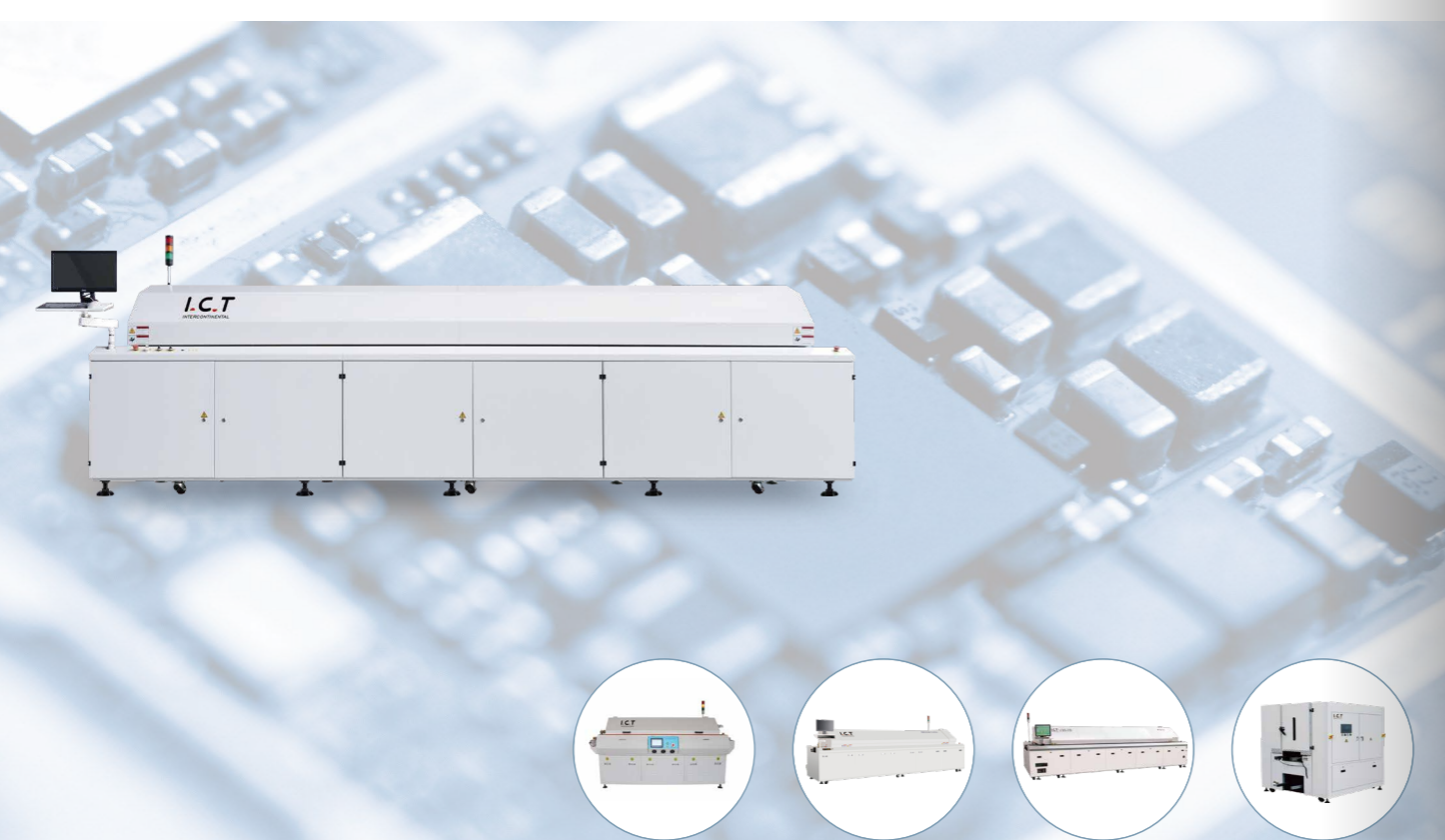
Semiconductor Curing Oven

Customized, curing,soldering, test and other process applications in semiconductor industry.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - T6	55*55 - 450*300	2550*890*1250	850
I.C.T - U3	50*50 - 510*510	3000*1000*1500	560
I.C.T - Lyra733	50*50 - 510*440	6250*1400*1500	2800

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Handling Solutions

PCB Handling Conveyor

General auxiliary handling equipment for smt&dip production line.

Buffer&Stacker&Controller

Controlled handling with improved process beat efficiency to maximize production efficiency.

Auto assembly Handling Machine

Auxiliary application equipment for automatic assembly, multi industry application.

Semiconductor Handling Machine

Semiconductor level, Such as Leadframe/Substrate Handler, JEDEC Tray Handler, Wafer/Wafer Cassette Handler.

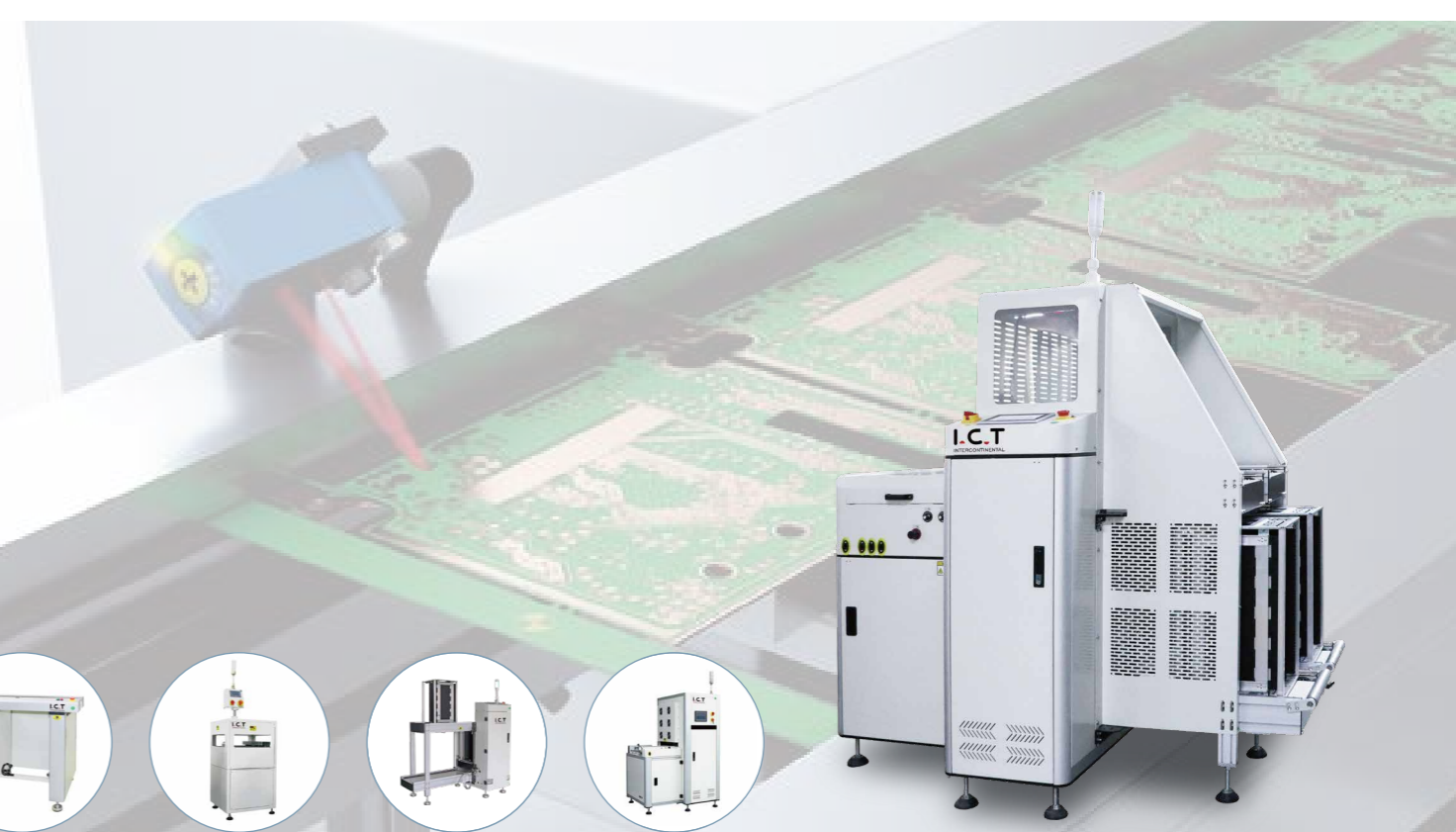
Smart factory Handling System

Realize the intelligent system of intelligent factory and the overall intelligent handler.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - SC1000	50*50 - 450*350	1000*700*950	55
I.C.T - LDM	50*50 - 330*250	1330*765*1250	160
I.C.T - BCM	50*50 - 330*250	1150*1150*1205	180

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Cleaning Solutions

PCB Cleaner

PCB cleaning before solder paste printing, such as automotive electronics industry.

PCBA Cleaning Machine

The removal of pollutants, process guarantee for the failure reliability of pcba products.

Nozzle&Fixture&Stencil Cleaning

Maintenance of production tools to improve the reliability of production tools and smt process stability.

Inline Cleaner

The in-line cleaning system ensures the production demand of high quantities of pcba.

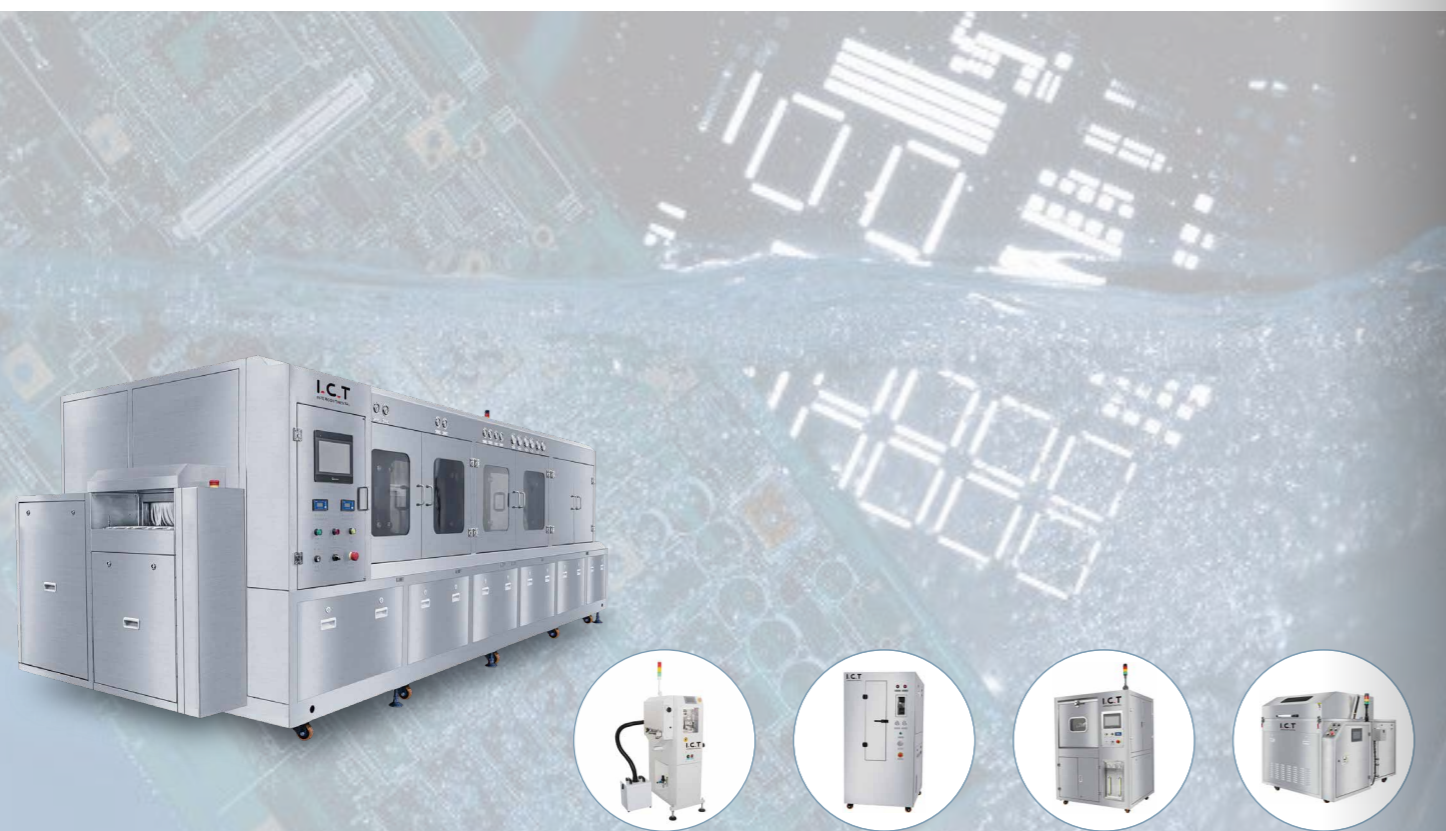
Semiconductor Cleaning Machine

Online cleaning machines in semiconductor industry, such as leadframe,etc.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - 800	L800*W800*H40	1300*1400*1950	360
I.C.T - 5600	L610*W560*H100	1300*1200*1850	460
I.C.T - SC8200(SEMI)	L450*W400*H100	5600*1650*1650	3200

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Depaneling Solutions

Manual PCB Cutter

Low cost and high performance manually Separator for pcba.

Off-line PCBA Router

Effective curve depaneling of irregular pcba without damage.

In-line PCBA Router

Automatic high productivity non-destructive pcba curve depaneling.

PCBA Laser Cutting Machine

Applied to the plate cutting of higher processes such as FPC.

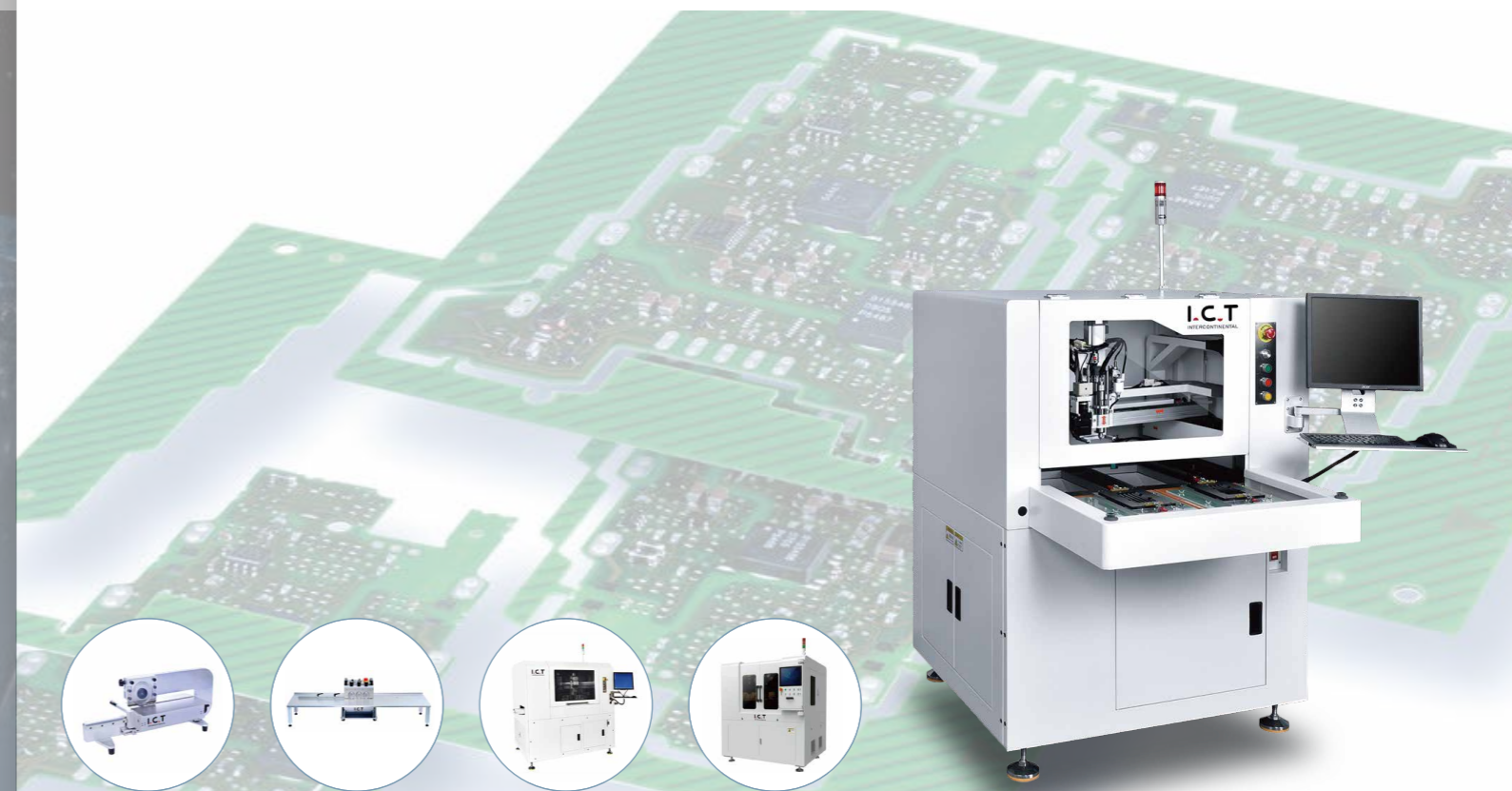
Auto PCBA Placement Tray Machine

Cooperate with the in-line pcba router to realize the full-automatic process.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - MV350	0 - 350mm	820*390*360	60
I.C.T - 5700M	50*50 - 290*350	1075*1430*1460	950
I.C.T - IR350	50*50 - 300*350	1930*1350*1700	1100

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Verification Solutions

Manual Laser Marking Machine

Manually simplified laser marking industry applications such as led.

SMT Laser Marking Machine

Online smt laser marking, information can not be modified to ensure product traceability.

SMT Barcode Inkjet Printer

Online smt spray printing process, information can be modified, ensure product traceability.

SMT Label Moulder

Flexible labeling process traceability, PCB zero damage, various ways can be combined.

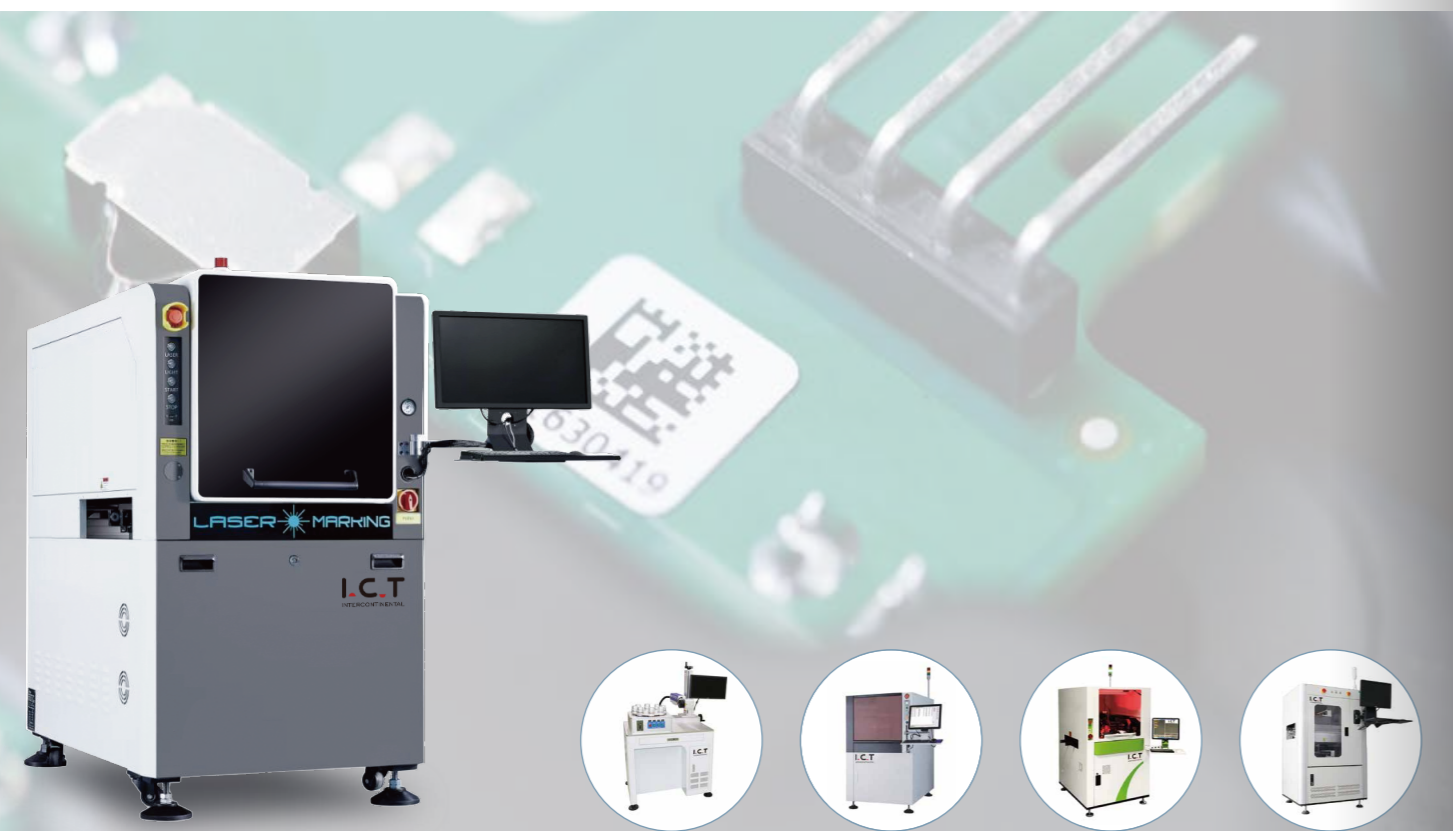
Barcode Scanning Module

Verification and information transmission of traceability link, the fulcrum of the closed-loop system.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - 400	50*50 - 400*320	800*1550*1500	700
I.C.T - 410	50*50 - 400*400	1050*1020*1600	550
I.C.T - 510	50*50 - 510*460	910*1550*1500	750

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Storage Solutions

Solder Paste Storage Management

Quality control of solder paste, red glue and other materials to improve product quality.

Consumables Storage Management

Orderly management of stencil and other consumables to improve product quality.

Core Parts Storage Management System

Quality control of squeegee, nozzles and other core parts to improve product quality.

Components Storage Management

Risk control of SMD to ensure pcba zero risk, zero repair and zero defects.

Intelligent Warehouse Storage Management System

Intelligent warehouse management system, orderly and efficient operation of the factory.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
Solder Paste Storage	Solder Paste,Red Glue, Silver Paste	1000*600*300	70
Consumables Storage	Stencil	1150*720*1450	280
Components Storage	SMD	2000*550*1900	320

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Insertion Solutions

Axial Insertion Machine

An axial insertion machine that replaces labor and improves product process reliability.

Radial Insertion Machine

An radial insertion machine that replaces labor and improves product process reliability.

Odd-form Insertion Machine

Flexible machine for inserting odd form parts to improve the ability of automatic operation.

Multiple Function SMD&ODD Insertion Machine

Multifunctional machine for mounting and inserting of SMT and dip components.

Intelligent insertion&Repair Platform

An intelligent platform integrating automatic plug-in, automatic soldering and automatic repair.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
Panasonic AV132	50*50 - 508*381	2104*2300*1575	2228
Panasonic RG131	50*50 - 508*381	3200*2417*1620	2250
JUKI JM-20	50*50 - 410*360	1500*1650*1550	1760

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Wave Soldering Solutions

Semi-auto Wave Soldering

Low precision and low productivity, development stage of the laboratory and other links.

Wave Soldering Machine

Wave soldering with high precision, high volume, high performance,high-quality process.

Off-line Selective Wave Soldering Machine

Saving consumables, suitable for low volume high quality pcba selective soldering.

in-line Selective Wave Soldering Machine

High precision, high performance, high-quality, high volume, high quality selective soldering.

Modular Selective Wave Soldering Platform

Modular and flexible selective soldering module platform, intelligent soldering representative.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - W2	50*50 - 500*350	2900*1160*1500	800
I.C.T - Acrab350	50*50 - 500*350	4420*1420*1750	1600
I.C.T - SS550	50*50 - 500*500	2600*1850*1650	1800

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Fluiding Solutions

Glue Potting Machine

The main application of product reliability protection in led industry.

Coating Machine

Multi industry process application of moisture, dust and pollution prevention.

Precision Coating System

Intelligent protection solution with high precision, high reliability and high flexibility.

Jet Dispensing Machine

Widely product reliability solutions with high precision, high reliability and high flexibility.

Semiconductor Dispensing

Chip-red glue, connection-silver paste, MEMS -silica gel, cob-epoxy glue, underfill-epoxy glue, etc.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - GP800	50*50 - 500*500	1800*1800*1500	580
I.C.T - T650	50*50-450*460	900*1300*1700	750
I.C.T - DI200(LENS)	50*50-1200*400	1690*1200*1500	1150

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Assembling Solutions

DIP Insertion Line

Through manual plug-in for pcba back-end production of most factories.

Auto Belt Line

Various inspection, repair and assembly operations after wave soldering process.

Electronic Assembly Line

Widely used for manual assembly of various electronic products.

Automatic Assembly Line

Automatic assembly line with high automation and labor saving.

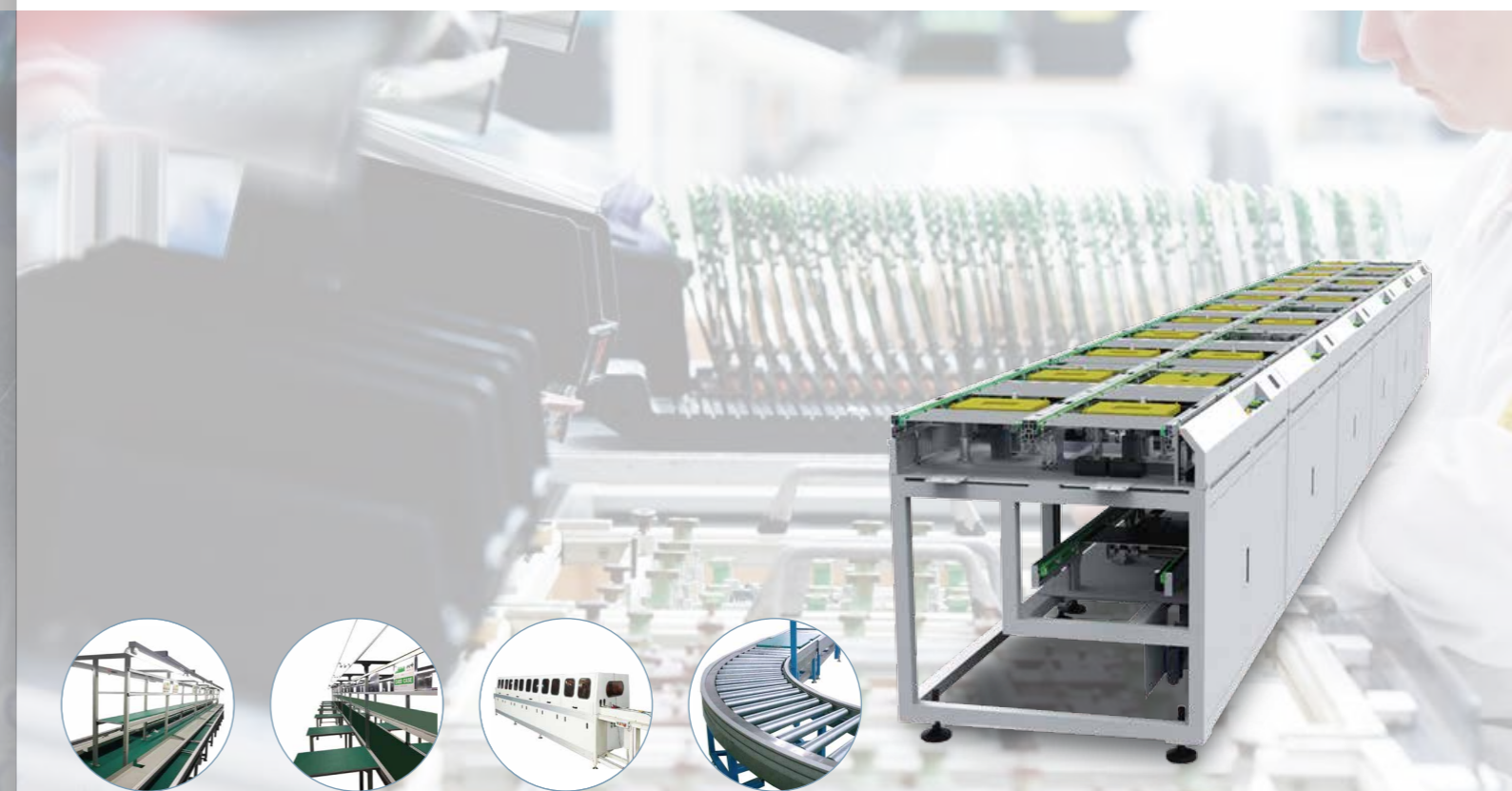
Automatic Assembly Machine

Through the application of robot and system, unmanned automatic assembly production.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
DIP Insertion Line	50*50 - 450*300	3000*600*1950	260
Auto Belt Line	50*50 - 400*400	9000*2186*1950	1400
Electronic Assembly Line	50*50 - 500*500	20000*1750*1950	4900

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Robot Solutions

Soldering&Cutting Robot

Realize the soldering and cutting of middle volume high-quality pcba.

Screwing Robot

Replace labor to realize the needs of flexibility of various screwing.

Coating&Dispensing Robot

Flexibility application of precision dispensing and coating process.

Handling robot

Multi scenario application, the manual handling can be replaced and improve automation.

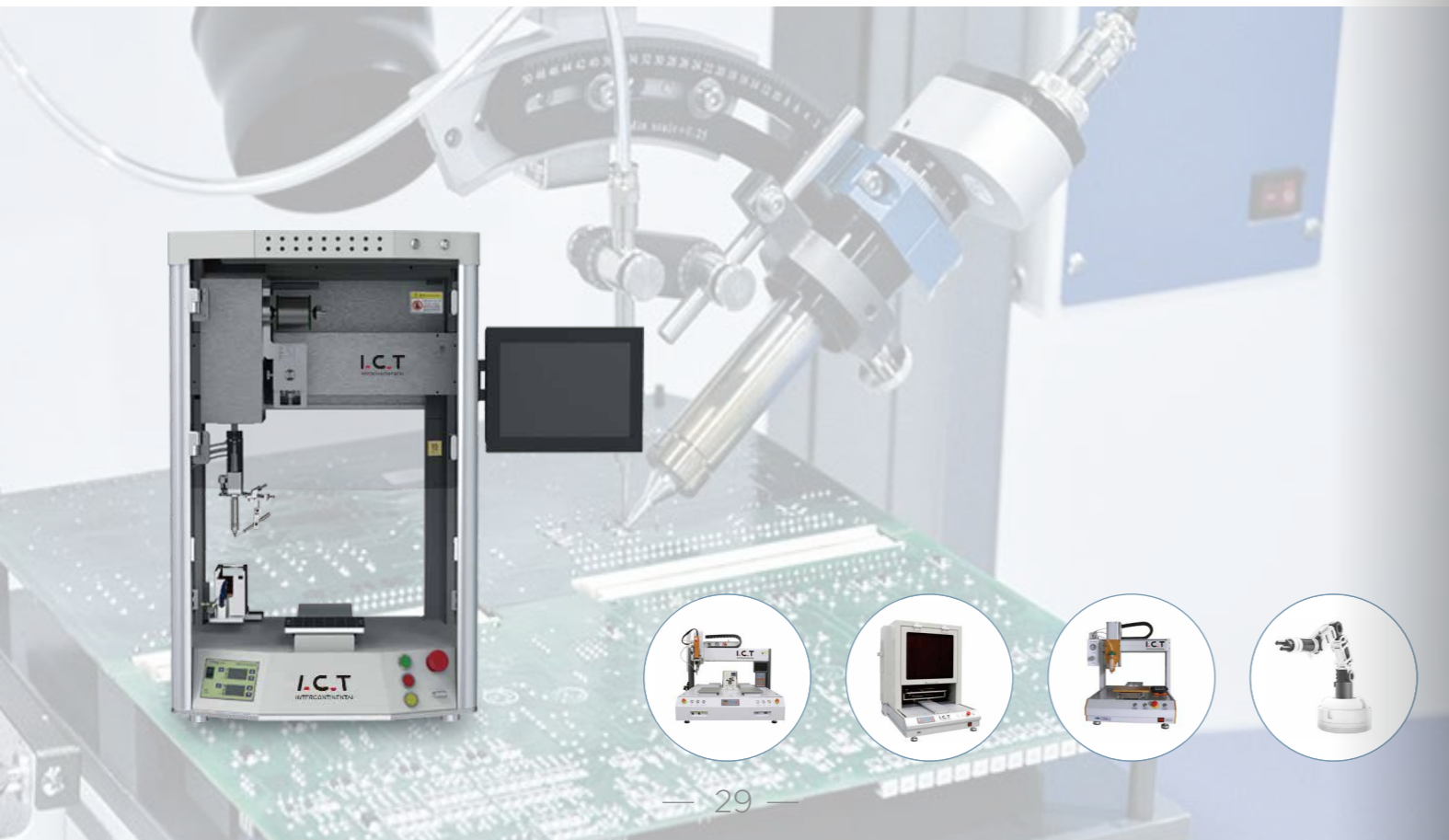
Assembly Robot Arm

Robot workers are formed by linking with factory system.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - SR300	50*50 - 300*300	620*660*770	60
I.C.T - SCR300	50*50 - 300*300	670*540*690	70
I.C.T - ARA63	≤624 points	478*380*120	13

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Test Solutions

Test Fixture

Test instruments for manual operability.

In-Circuit Tester(ICT)

Test the electrical performance of components and the connection of circuit on pcba.

Functional Circuit Tester(FCT)

PCBA function test under simulation, online and offline optional.

SMT Intelligent First Article Tester

Tester for improving the efficiency and reliability of smt first article inspection.

Flying Probe Tester

High speed and high precision high reliability on-line flying Probe Tester.

Parameter

Model	PCB Size(mm)	Dimension(mm)	Weight(Kg)
I.C.T - 518	50*50 - 450*350	1000*750*1500	260
I.C.T - 818	50*50 - 400*400	1150*1050*1600	550
I.C.T - FA980	50*50 - 450*300	1500*1164*1250	320

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