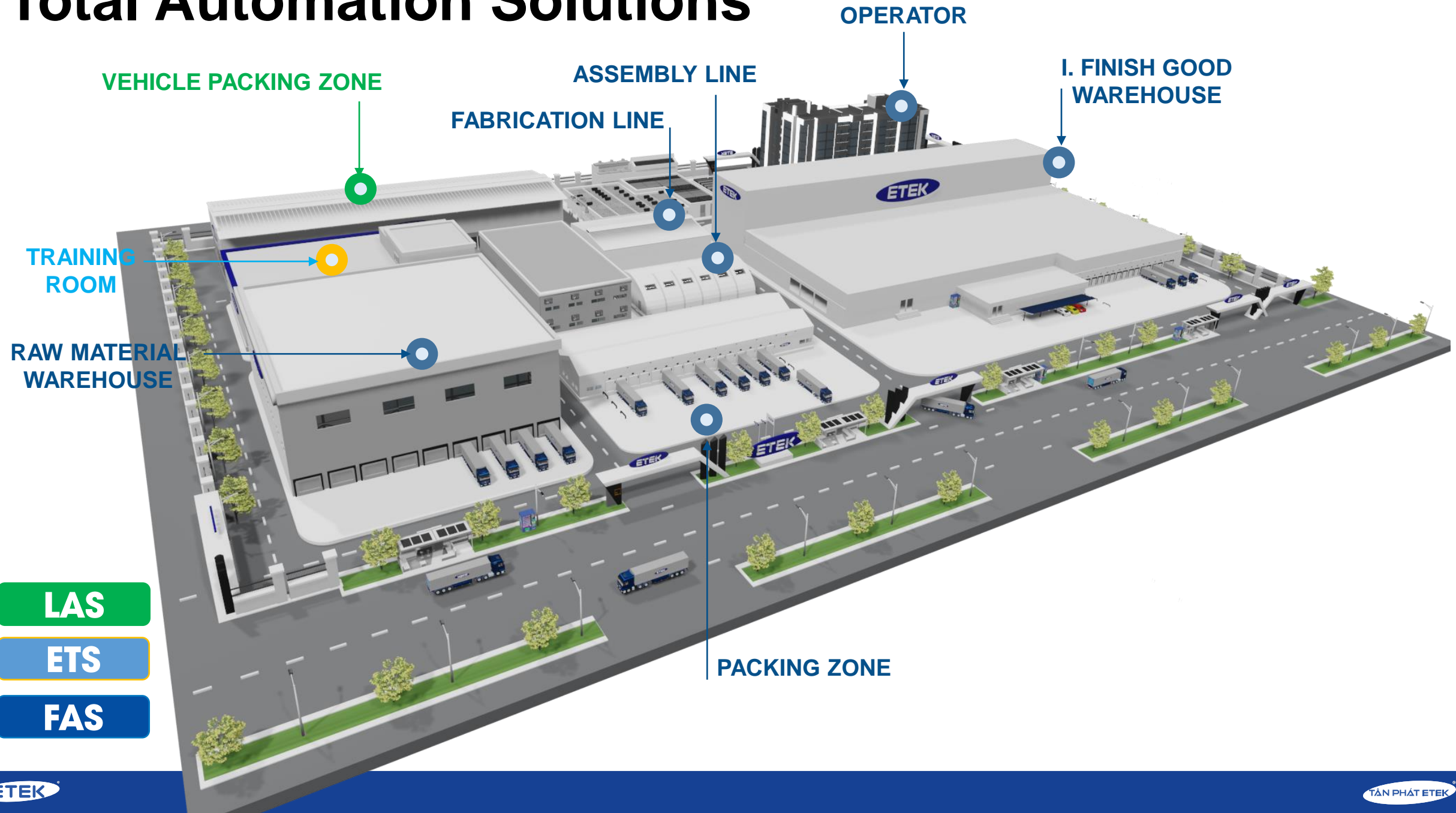


Total Automation Solutions




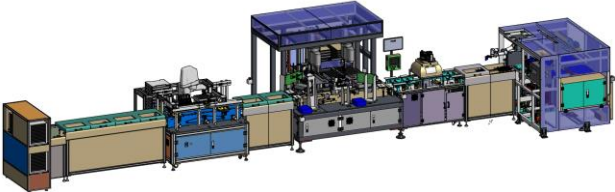
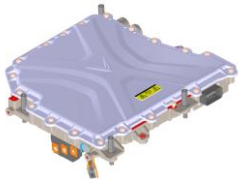
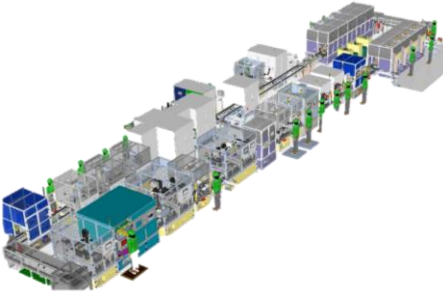

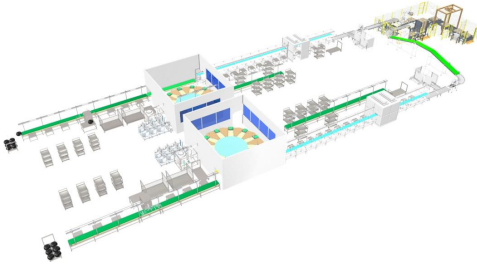
Assembly

Overview

Our knowledge of assembly techniques, using a wide array of components, has served turnkey projects in some industries. These include projects that have production volumes from 25,000 to 450,000 parts per annum, and fully manual, semi-automatic, and fully automatic processes.

Customer & Partner



Product	Key Technology	Layout	Key Process
 <p>Small</p>	<ul style="list-style-type: none"> Tracibility product management PCB checking, Aging Funtion test, packing 		<ol style="list-style-type: none"> 1. Gluing 2. Inserting 3. Welding / Soldering 4. Auto screw fastening 5. Auto riveting 6. Pick and place
 <p>Medium</p>	<ul style="list-style-type: none"> Precision Handling & Positioning Assembly & Joining Measurement & Testing Machine Vision Part Traceability & Quality Data Management Flexible Manufacturing Large Interlinked System Software Enterprise Manufacturing Systems Integration 		<ol style="list-style-type: none"> 1. Dispensing 2. Loading 3. Laser Marking 4. Positioning 5. Press-Fitting 6. Gluing 7. Assembly & Coating 8. Vision 9. Mounting
 <p>Large</p>			<ol style="list-style-type: none"> 1. Sorting 2. Insert 3. Leak test 4. Vision check 5. Cleaning 6. Metal Plate Top inse 7. Screwing

Fabrication


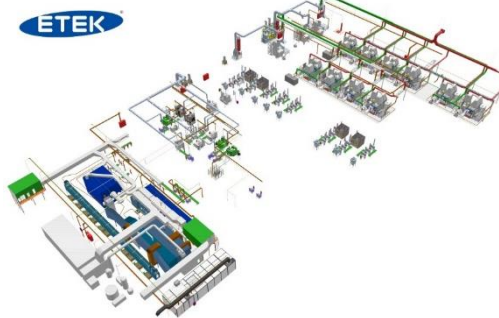
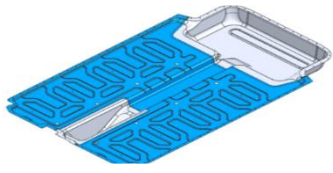



Overview

Etek has implemented hundreds of projects related to manufacturing in metal and plastic details, including some typical projects like:

- Automotive Aluminum Parts Fabrication Factory,
- EV Battery Top Cover Fabrication Line,
- EV Battery Housing Fabrication Line,
- Powder Coating Automotive part,
- Automotive Plastic Parts Injection Molding Factory,
- Aluminum Extrusion Factory

Customer & Partner



Product	Key Technology	Layout	Key Process
 <p>Metal</p>	<ul style="list-style-type: none"> • Die casting • CNC Machining • Rim spray cleaning • Powder coating • Wet panting 		<ol style="list-style-type: none"> 1. Melting & Furnaces 2. Die casting 3. X-ray 4. Shot Blasting 5. CNC Machining 6. Cleaning 7. Panting
 <p>Aluminum sheet</p>	<ul style="list-style-type: none"> • Spot welding • CNC • Gluing • Leak test 		<ol style="list-style-type: none"> 1. Gluing 1st 2. Spot welding 3. Gluing 2rd 4. Glue curing 5. Leak test 6. Dimension check
 <p>Metal</p>	<ul style="list-style-type: none"> • MIG welding • Fiction welding • Ultrasonic cleaning • Riveting • CNC machining • Leak test 		<ol style="list-style-type: none"> 1. Cleaning 2. TIG welding 3. CNC Machining 4. Friction welding 5. Riveting 6. Cleaning 7. Leak test

Fabrication

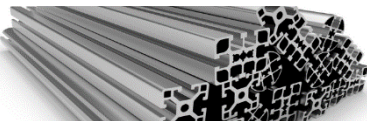


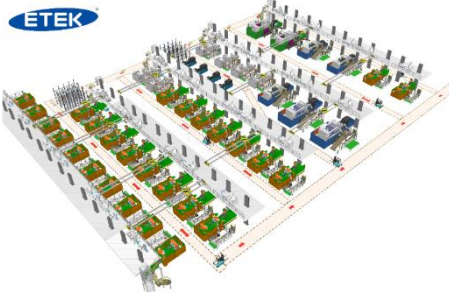
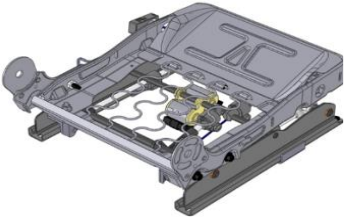
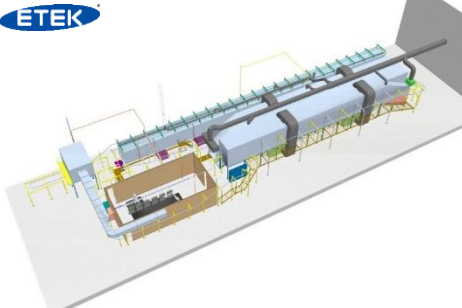
Overview

With our experience, we are confident of having capacity in terms of technical expertise, technology, and project implementation ability to provide total solutions for manufacturing metal parts, plastic parts in for most fields such as.

- Automotive & Components
- Plastic/Metal
- FMCG consumer/chemical
- 3C computer, communication Electronic

Customer & Partner



Product	Key Technology	Layout	Process
 <p>Shaped aluminum</p>	<ul style="list-style-type: none"> • Aluminum extrusion • Saw Cutting • Quenching 		<ol style="list-style-type: none"> 1. Log Loading 2. Log Furnace 3. Hot Sawing 4. Extrusion 5. Quenching 6. Sawing 7. Cooling 8. Stretcher
 <p>Plastic</p>	<ul style="list-style-type: none"> • Plastic Injection molding 		<ol style="list-style-type: none"> 1. Mix material 2. Loading 3. Insert trill part 4. Injection molding 5. Robot auto unload 6. Checking 7. Packaging
 <p>Metal panting</p>	<ul style="list-style-type: none"> • Spay surface preparation • Powder coating • Wet painting 		<ol style="list-style-type: none"> 1. Loading 2. Pretreatment 3. Dry off Oven 4. Powder Booth 5. Curing oven 6. Cooling 7. Inspection 8. Unloading

Reference Projects - FAS

Assembly



Electric Vehicle Power
Assembly line



Battery Packs assembly
line



Electronic component
assembly line

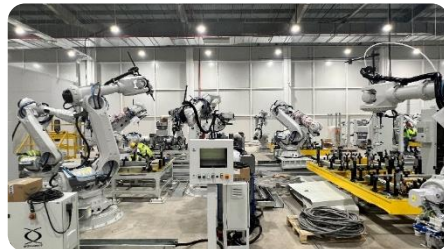


Water heater assembly
Line

Fabrication



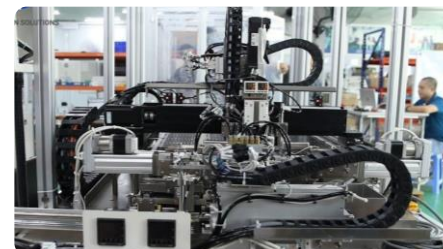
Aluminum Die Casting
Factory



Automatic welding line



Automatic Painting and
Coating line



Automatic Plastic Gate
Cutting Machine



FMCG
Computer
Communication,
Consumer
Electronics



Packing solution




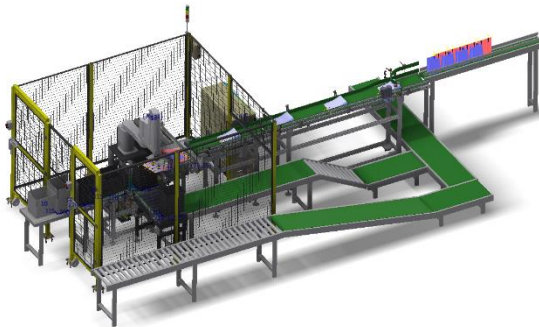
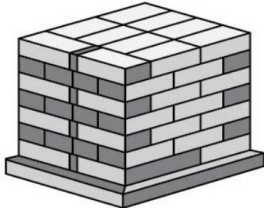

Overview

There are many things you consider while choosing your packaging partner.

- Quick response time enhances equipment uptime
- Local project management teams
- Provide solutions at optimal cost through license manufacturing strategy where possible
- Long term partners to customers, not mere suppliers

Customer & Partner



Product	Key Technology	Layout	Process
 <p>Primary packing</p>	<ul style="list-style-type: none"> • Computer vision • Robot pick and place • Data acquisition • WISE-PaaS 		<ol style="list-style-type: none"> 1. Bottle feeding 2. Filling 3. Wrapping 4. Sorting 5. Data printing 6. Inspection
 <p>Secondary packing</p>	<ul style="list-style-type: none"> • Robot pick and place • Flexible conveyor • Code 		<ol style="list-style-type: none"> 1. Case erecting 2. Case packing 3. Case sealing 4. Label printing 5. Weigh checking
 <p>Tertiary packing</p>	<ul style="list-style-type: none"> • Robot palletizer • Servo driven 		<ol style="list-style-type: none"> 1. Palletizing 2. Stretch wrapping 3. Top covering 4. Corner inserting 5. Pallet labeling

Reference Projects - FAS

Primary Packaging



Electric Vehicle Power
Assembly line



Tea Bags Packing



Gypsum Board Packing
Line



Cell Pin Packaging
Production line

Tertiary Packaging



Depalletizer



Palletizer



Stretch wrapping machine

Secondary Packaging



Automotive
& Components



FMCG



And more





Intralogistics

Overview

ETEK offers extensive expertise in Material Handling solutions, employing robots, gantries, conveyors (on floor/ overhead), EMS (Electrified monorail system), RGV, AGV's, high bay warehouses with rack supported buildings in pre-coated sheets/insulating panels and other solutions to meet the application and our customer's needs. Our turnkey solutions cover the following area

Customer & Partner



Product	Key Technology	Layout	Key Process
Production Line	<ul style="list-style-type: none"> Smart Convoyer. AGV: Slam, Qr Code AMR 		<ol style="list-style-type: none"> 1. Handerling 2. Bin-picking 3. Order picking 4. Pick & place 5. Pallet storage 6. Pallet transport
Raw material	<ul style="list-style-type: none"> AS/RS Vertical Stacker Cranes Software & Control Solutions Totes, Bins & Tray Storage Smart Convoyer. AGV: Slam, Qr Code AMR 		<ol style="list-style-type: none"> 1. Bin-picking 2. Container emptying 3. Destecking 4. Order picking 5. Pick & place 6. Stacking 7. Truck loading & unloading 8. Other handling & picking 9. Pallet storage 10. Pallet transport

Smart Factory

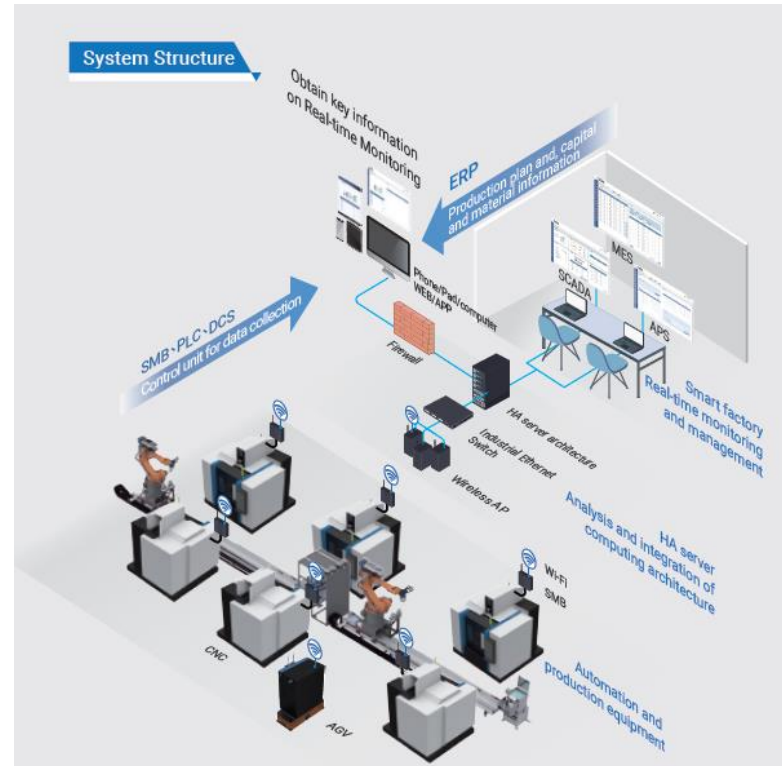
Overview

Develop a vision and roadmap for smart factory application
Data in the ecosystem is the key to adding value

Customer & Partner



Layout



Maintenance reminder

- Maintenance checklist
- Maintenance intelligent alarm

Analysis error and feedback

- Error alarm and analysis

Power System Monitor

- Time period energy analysis
- Peak power consumption statistics
- Optimal contract capacity suggestion

Function

Systematic management

- Material and warehouse management
- Order management
- Production recipe management

AI production scheduling

- Automatic scheduling
- Order and production scheduling

Job Report System

- Designing job report system by user process
- Controlling production status according job report system

Tracking WIP real-time status

- Input and output statistics
- Progress management
- Yield statistics

Customized board with real-time display for factory production status

Real-time monitoring equipment information

- Equipment OEE
- Health diagnosis
- Important real-time information

Reference Projects - FAS

Intralogistic



Automated storage and retrieval systems



Smart Conveyor System



Automation Guided Vehicle

Smart Factory



Manufacturing Execution System – MES



EcoStruxure™ Augmented Operator Advisor

 Automotive & Components



 FMCG

 And more



ETEK 's Vocational training equipment

Overview

In providing vocational training equipment that meets the standards for vocational schools, intermediate vocational colleges, and vocational colleges, enabling students to easily grasp the lessons and achieve learning outcomes

Customer & Partner



OEM MMS 4.0

- Smart workstations
- Interactive communication platform
- RFID in production



1. Sorting
2. Pick and place
3. Inserting
4. Auto screw
5. Packing and palletizing.



ETEK 's device

- Electronics
- Microprocessors and microcontrollers
- Industrial Electrical
- Power Transmission and Distribution



- Industrial Electrical Engineering
- Power and Electronics
- Power Electrical And Electronic Machine
- Signal Processing and Control



ETEK 's device set

- Engines
- Mechatronics And Automation
- Pneumatic - Hydraulic



- Mechatronics
- Automation
- Pneumatics and Hydraulics
- Refrigeration

ETEK 's research equipment

Overview

Teaching and research
Equipment

Designs and manufactures
market-leading engineering
teaching equipment used by
Universities and Colleges around
the world.

Giving students at universities,
colleges, schools and training
centres, real life understanding to
match the skills sets required for
the engineering labour market.

Customer & Partner



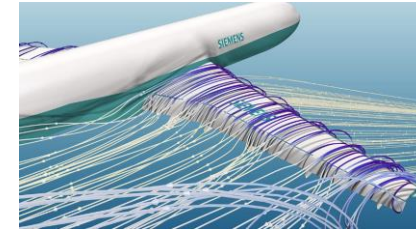
Product



Educational field

- Aerodynamics
- Alternative energy
- Control engineering
- Electrical Power system
- Engineering Science
- Engines
- Environmental control
- Fluid mechanics
- Material testing and properties
- Next generator structure
- Process control
- Statics fundamental
- Theory of machine
- Thermodynamics

Industry-related activities outside of daily life



Key Technology

- Aerospace
- Agriculture
- Automotive
- Chemical and pharmaceutical
- Civil
- Construction
- Defence
- Food and Drink
- Marine
- Metal
- Mining
- Oil and gas
- Power
- Rail
- Renewable energy

ETEK 's practical training equipment

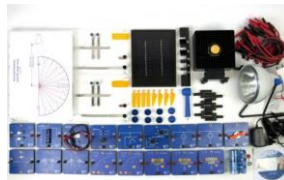
Overview

Renewable energy is on everyone's lips. Nowadays wind and sun energy are taken for granted. But how exactly does this new technology work? And how many further opportunities for the energy production are there? Pupils, students and adults will get closer to the topic in a clear and practical way and will get enthusiastic thanks to durable products and experiments that really work in everyday school life. The main focus is our credo: "Together with you, we'll develop enthusiasm for renewable energy and will contribute to the energy transition."

Customer & Partner



Product



Educational field

- Photovoltaic
- Wind wind energy
- H2 fuel cell technology
- ThermalEnergy heat technology
- SmartGrid interplay of energy
- E-Save energy saving
- BioFuel biomass fuel technology
- Emobility/Estore
- NewEnergy World
- Hydropower

Industry-related activities outside of daily life

Key Technology

Applications



- Solar energy
- Wind energy
- Hydroelectric energy
- Thermal energy technology
- Electrical grid system
- Energy conservation
- Bioenergy
- Energy storage system
- Renewable energy
- Hydropower

Reference Projects - ETS



Distributed Control System



Smart electrical devices



Pneumatic training equipment



Electrical equipment practice room



Hydraulic equipment practice room



Hydraulic equipment practice laboratory



Flexible Manufacturing System - FMS



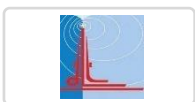
Industrial Robot Demo



Robotic Practical laboratory



Electrical safety practice equipment



Car Parking

Overview

ETEK is a leading company in the field of developing automatic parking systems. With advanced technology and a team of experienced experts, we have provided customers with advanced smart parking solutions, with a scale of up to 1000 parking locations and received many good feedback from customers. row.

Customer & Partner



Products

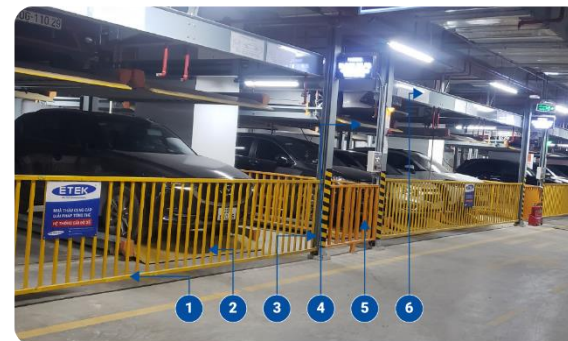
Key Technology

Layout

Key Process



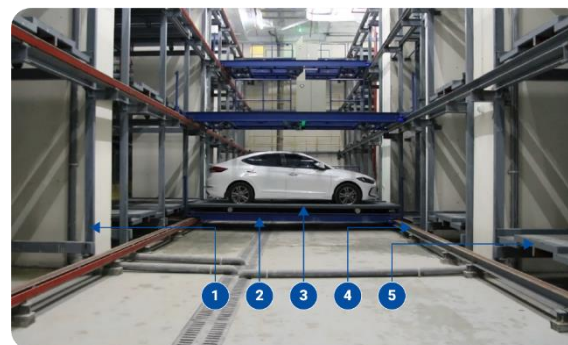
Automatic Parking Puzzle



1. Automatic door
2. Large car carrier on the 1st floor
3. Plinth
4. Large car carrier on the 2nd floor
5. Safety fences
6. Horizontal beam



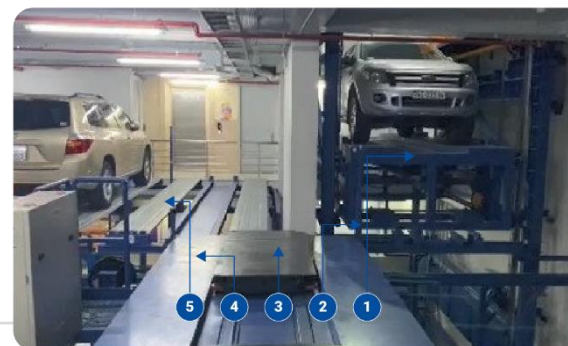
Automatic parking Robocar



1. Steel frame
2. Vehicle compartment
3. Cart
4. Car carrier deck
5. Ray navigation



Automatic parking Robotic



1. Lifting machinery
2. Ray navigation
3. Vehicle clamping robot
4. Cart
5. Vehicle compartment

Reference Projects – LAS

Fully automatic parking system



Robotic technology parking system



Robocar technology parking system

Management software



The controlling system



EcoStruxure™ Augmented Operator Advisor

Semi-automatic parking system



Puzzle technology parking system



Puzzle technology parking system



Puzzle technology parking system



Puzzle technology parking system



Reference Projects – LAS

Car lift



Scissor Lifts



4-pillar lift



2-pillar lift



1 post lift

Motorcycle lift



2-storey motorbike parking system

Car turntable



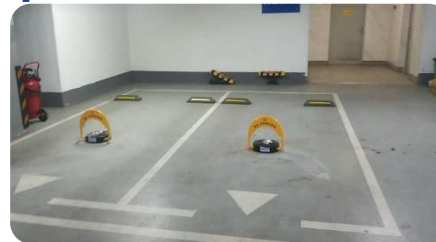
Turntable parking system

EV Charging



EV Charging systems

Lock parking position



Lock parking position

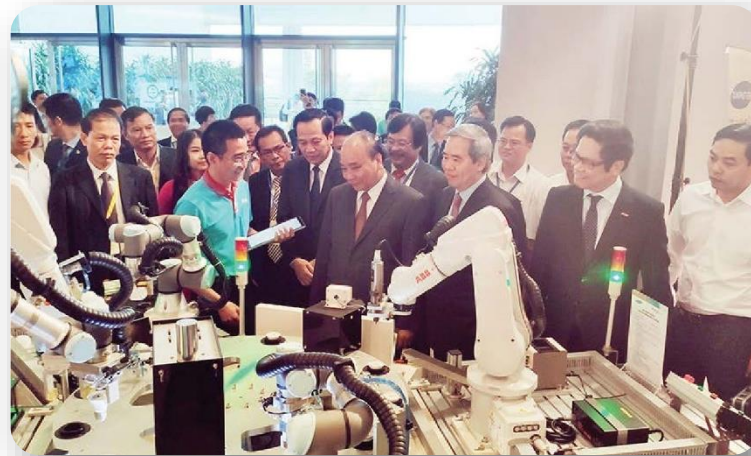


Vending Machine



Our Activities

Cooperate





Our Activities

Internal

Our Activities

Community




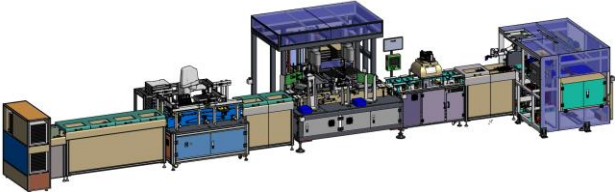

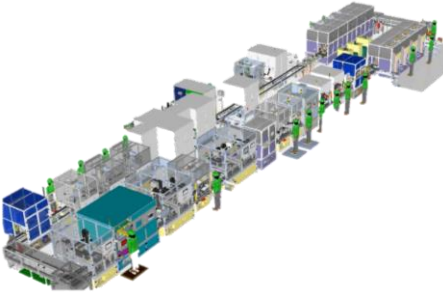

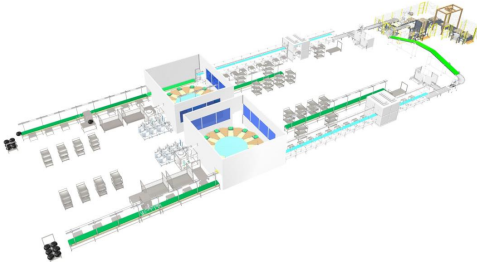
Assembly

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Customer & Partner



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 <p>Medium</p>	<ul style="list-style-type: none"> Precision Handling & Positioning Assembly & Joining Measurement & Testing Machine Vision Part Traceability & Quality Data Management 		<ol style="list-style-type: none"> 1. Dispensing 2. Loading 3. Laser Marking 4. Positioning 5. Press-Fitting 6. Gluing 7. Assembly & Coating 8. Vision 9. Mounting
 <p>Large</p>	<ul style="list-style-type: none"> Flexible Manufacturing Large Interlinked System Software Enterprise Manufacturing Systems Integration 		<ol style="list-style-type: none"> 1. Sorting 2. Insert 3. Leak test 4. Vision check 5. Cleaning 6. Metal Plate Top inse 7. Screwing

Projects – Assembly Line

STT	Name of Projects	Industry	Application	Scope	Capacity	Year
1	Turnkey project Controller of Engine assembly line	Automotive & Accessories, Electronic	Assembly	Provide Turnkey solution to assembly Controller box of electric motor for VF5 - VF6 – VF7 - VF8 - VF9	40 JpH	2021-2023
2	Battery pack assembly line	Automotive & Accessories, Electronic	Assembly	Change layout, modify conveyor, make new Fixtures for the current assembly line to match the new concept design of the new battery model	20 JpH	2022
3	Electric motorbike battery assembly line	Automotive & Accessories, Electronic	Assembly	Assembly Line to matching as new requirement for New E-scooter Battery Pack (New Product use Prismatic Cell)	LFP E-scooter : 200,000 pack/year	2020
4	Water heater assembly line	Automotive & Accessories, Electronic	Assembly			

CONTROLLER OF ENGINE ASSEMBLY LINE

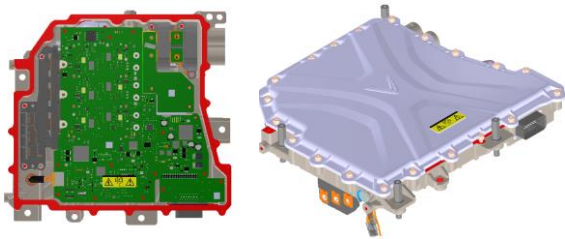


Overview

- Application: Cell sorting, Screwing, gluing, assembly, EOL test,
- Capacity: 40 JpH
- Part material: Battery cell, plastic part,...
- Layout Area: 20x50 meter square
- Automatic rate 85%

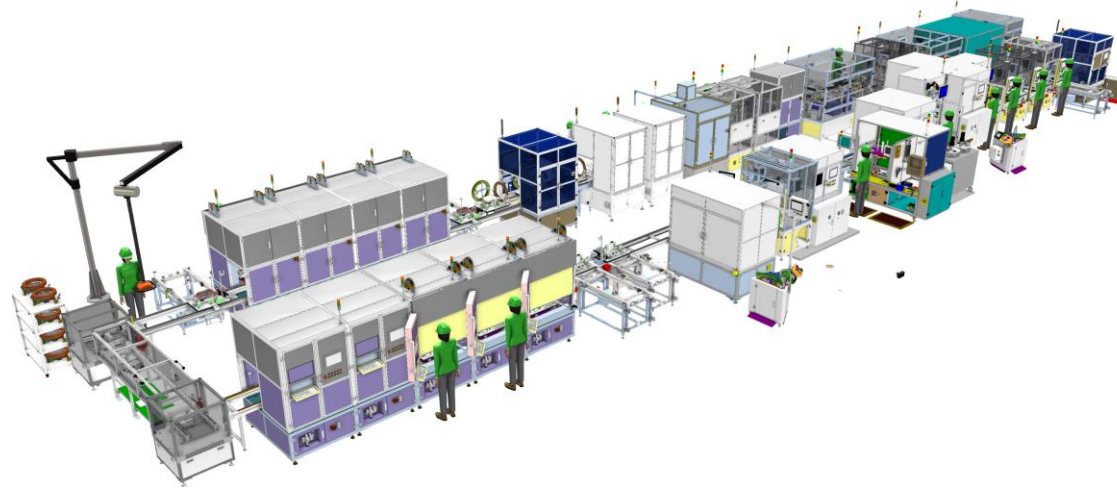


Products & Industrial



Industrial

- Automotive & Accessories, Electronic



Detail

Process Involved:

- Dispensing
- Loading
- Laser Marking
- Positioning, Press-Fitting
- Gluing
- Assembly & Coating
- Vision
- Mounting
- Welding
- Loading/unloading
- EOL Test
- MES Systems



BATTERY PACK ASSEMBLY LINE

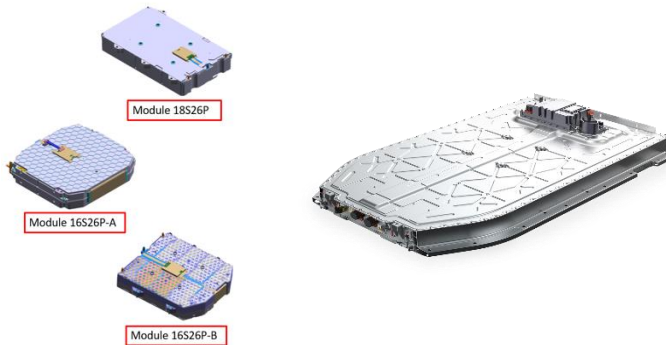


Overview

- Application: Assembly – Turnkey
- Producing Pack VF8, VF9 Premium batteries from battery cells.
- Cell Sorting – Module Assembly – Pack assembly



Products & Industrial



- Automotive & Accessories, Electronic



Detail

Process Involved:

- Sorting Cell
- Insert Cells
- Assembly Cooling Pipe
- Leak test
- Vision check
- Cleaning
- Metal Plate Top insert
- **Spot Welding**
- Screwing
- Pack EOL Test

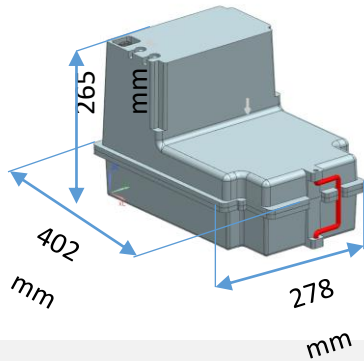


ELECTRIC MOTORBIKE BATTERY ASSEMBLY LINE

Overview

- Application: Cell sorting, Screwing, EOL, Air leak test, Assembly,
- Capacity: 200.000 pack/year
- Area: 15x50m

Products



Industrial

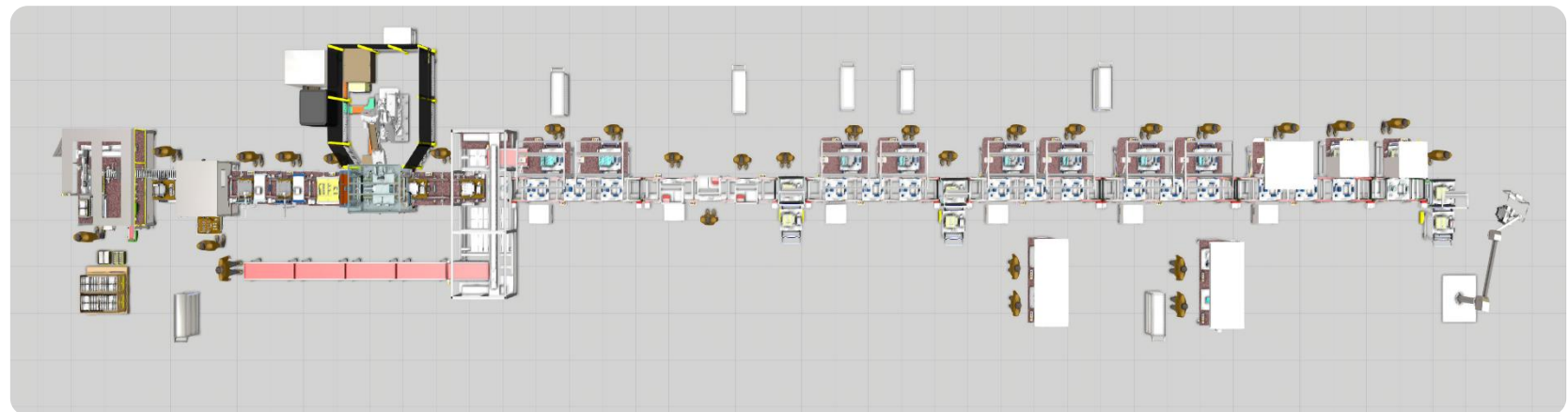
- Automotive & Accessories
- Metal
- Electronic



Detail

Process Involved:

- Sorting Cell
- Assembly
- Gluing
- Leak test
- Dispensing
- Loading
- Laser Marking



WATER HEATER ASSEMBLY LINE



Overview

- Electric water heater assembly line, gas wall-hung boiler production line, wall-hung boiler assembly line, suitable for wall-hung boiler assembly production test packaging.



Products & Industrial



Industrial

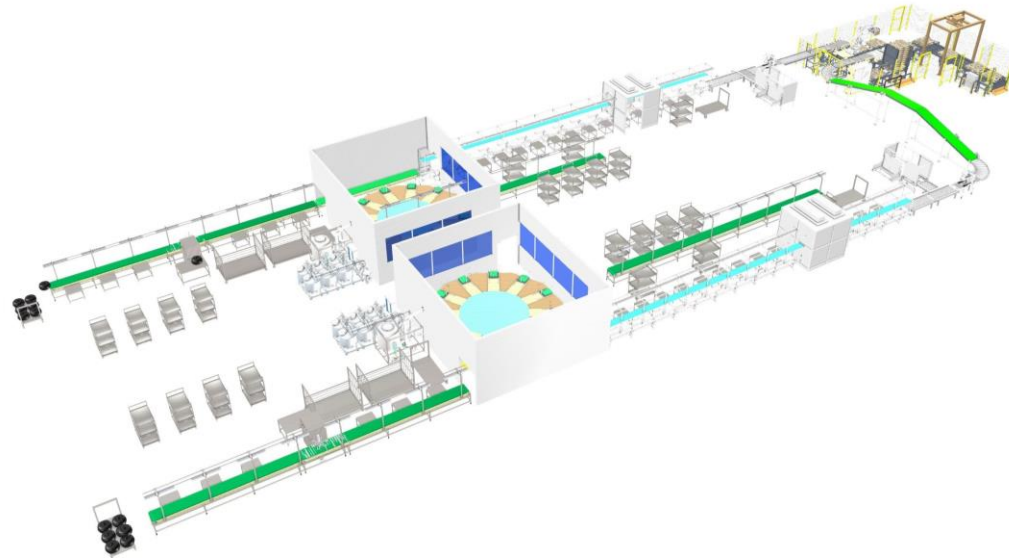
- Industry: Home Appliance



Detail

Process Involved:

- Assembly
- Palletizer
- Robotic Picking
- Packaging



ASSEMBLY MACHINE



GATE CUTTING MACHINE



Gate cutting machine

- Model: TPAD.F0100



Specification

- Machine dimensions: 1350 x 1340 x 1600mm
- Capacity: 1.8 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 16s
- Accuracy: 0,1mm



Product & Industry



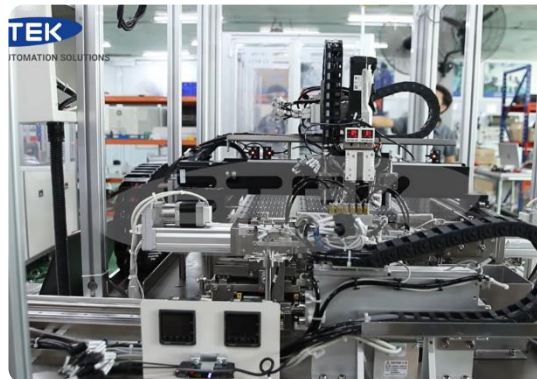
- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Part feeder: Mechanical design
2. Transferring : Robot 1axis
3. Inserting : Mechanical design
4. Screw : Screwdriver HIOS

WATCH VIDEO



COMPONENT ASSEMBLY MACHINE



Component assembly

- Model: TPAD.F0100



Specification

- Machine dimensions: 1350 x 1340 x 1600mm
- Capacity: 1.8 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 16s
- Accuracy: 0,1mm



Product & Industry



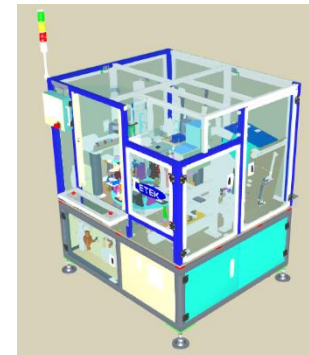
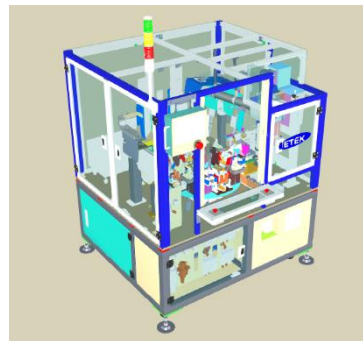
- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Part feeder: Mechanical design
2. Transferring : Robot 1axis
3. Inserting : Mechanical design
4. Screw : Screwdriver HIOS

WATCH VIDEO



LOADING & UNLOADING PLASTIC TRAY MACHINE



Loading & unloading tray

- Model: TPAD.F0136



Specification

- Machine dimensions: 2142 x 1795 x 1500mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 8s
- Accuracy: 0,3mm



Product & Industry

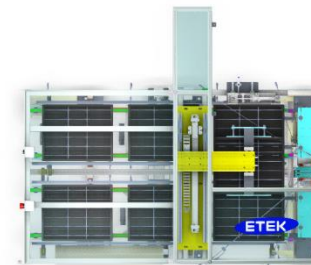
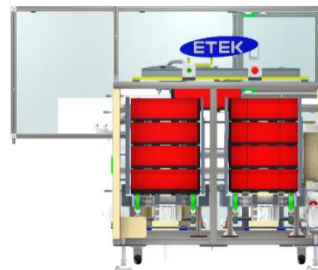
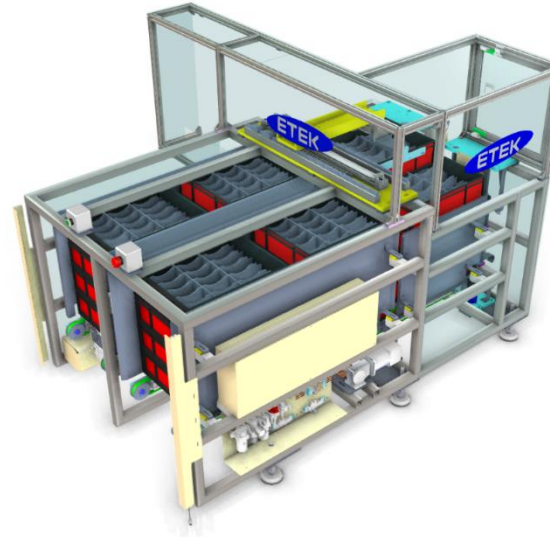


- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Roller conveyor
2. Robot 1 axis
3. Loading: mechanical design
4. Positioning: mechanical design
5. Pick and place: mechanical design



LOADING & UNLOADING MACHINE



Loading & unloading

- Model: TPAD.F0138



Specification

- Machine dimensions: 3720 x 3300 x 1620mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 5s
- Accuracy: 0,3mm



Product & Industry

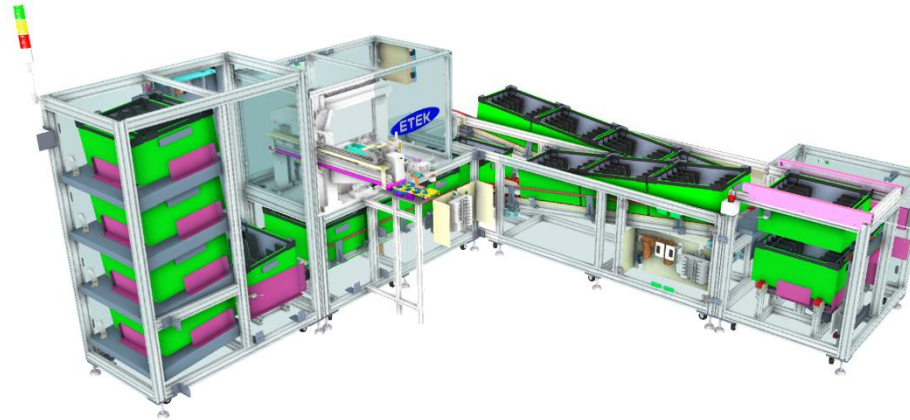


- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Roller conveyor
2. Robot 1 axis
3. Loading: mechanical design
4. Stacking: Lifting unit
5. Positioning: mechanical design
6. Pick and place: mechanical design



LABELLING FILM PHONE SCREEN MACHINE



Labelling film screen

- Model: TPAD.F0250

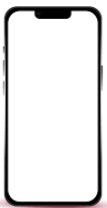


Specification

- Machine dimensions: 2710 x 1551 x 2345mm
- Capacity: 3 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 4s
- Accuracy: 0,2mm



Product & Industry



- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Roller conveyor
2. Robot 1 axis
3. Loading: mechanical design
4. Stacking: Lifting unit
5. Positioning: mechanical design
6. Pick and place: mechanical design



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Specifications

- Voltage: 1 Phase 220V 50Hz
- Gas pressure: 0.4 - 0.6 MPa
- Power: 3kW
- Product output: 10 - 20 products/minute
- Accuracy: 0.2mm
- Product size: 200 x 100 x 2 (Customized according to customer requirements)



SOLUTION: AUTOMATIONS - SURFACE PROTECTION FILM TAPPING MACHINE



LABELLING TAPE PHONE SCREEN MACHINE



Labelling tape screen

- Model: TPAD.F0276



Specification

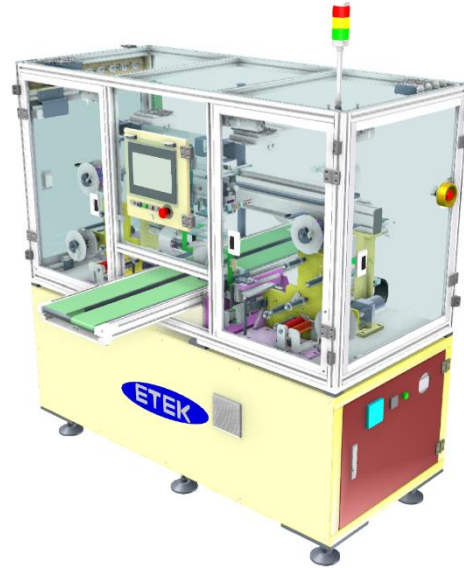
- Machine dimensions: 1790 x 1885 x 2141mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 4s
- Accuracy: 0,2mm



Product & Industry



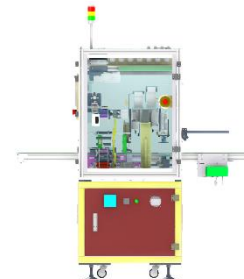
- Automotive & Components
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Roller conveyor
2. Robot 1 axis
3. Pick and place: mechanical design
4. Alignment : Cognex
5. Software : ETEK

WATCH VIDEO



TOWEL ROLLING MACHINE



Towel rolling

- Model: TPAD.0380



Specification

- Machine dimensions: 1110 x 982 x 320mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 3s
- Accuracy: 0,2mm



Product & Industry

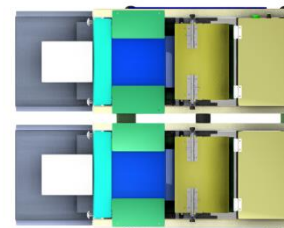
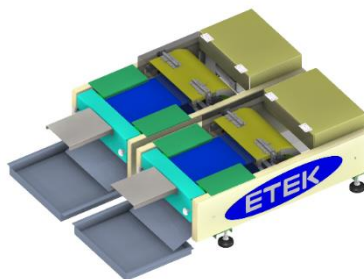
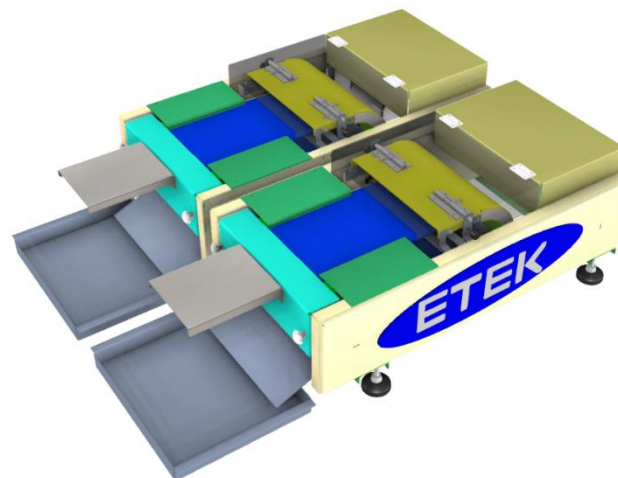


- Packaging
- Consumer good



Detail Equipment

1. Description : Cotton, cloth
2. Dimensions : 200 x 200 x3



WATCH VIDEO



SPEAKER ASSEMBLY LINE



Speaker assembly

- Model: TPAD.0600



Specification

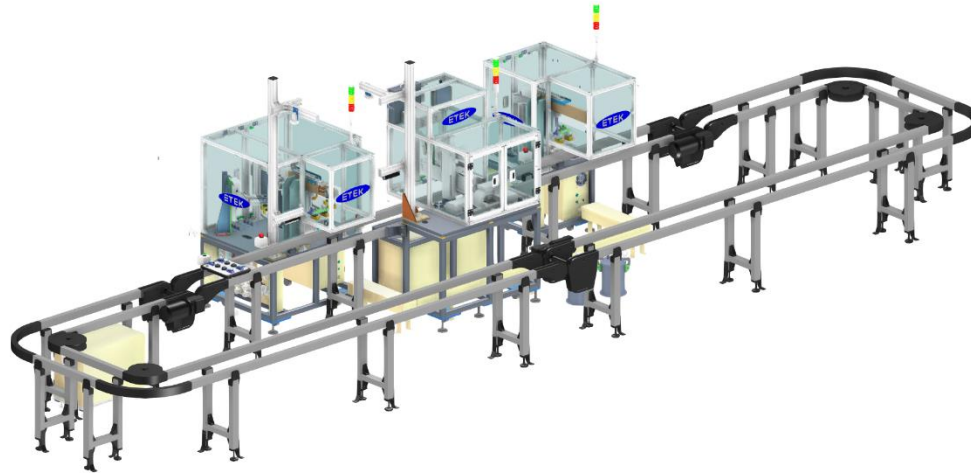
- Machine dimensions: 9142 x 2705 x 2149mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 3s
- Accuracy: 0,15mm



Product & Industry



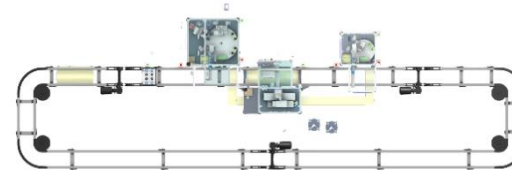
- Packaging
- Consumer good



Detail Equipment

1. Description : Cotton, cloth
2. Dimensions : 200 x 200 x3

WATCH VIDEO



CARTOMIZER GLUE DISPENSER MACHINE



CARTOMIZER GLUE DISPENSER MACHINE

- TPAD.F1200



Specification

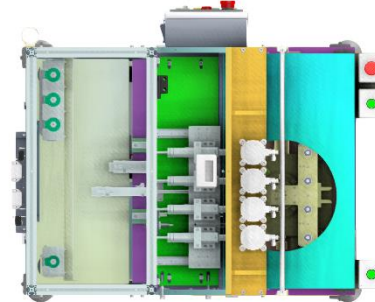
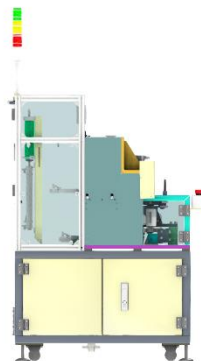
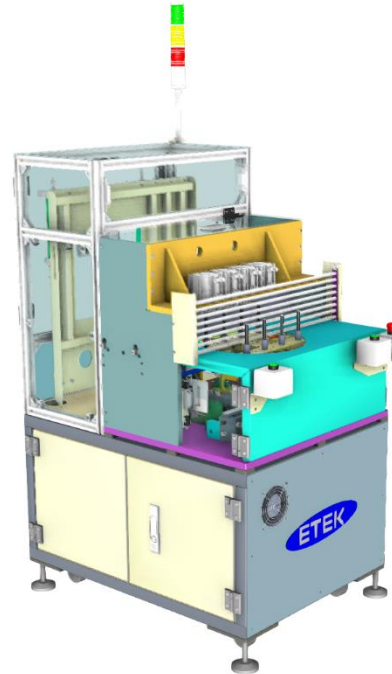
- Machine dimensions: 933 x 700 x 1888mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 1.25s
- Accuracy: 0.06mm



Product & Industrial



- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Glue supply
2. Tool rotate table
3. Tool rotate product
4. Tool transfer dispensing
5. Glue
6. Insert product

OUTSITE CHECK MACHINE



OUTSITE CHECK MACHINE

- TPAD.F2060



Specification

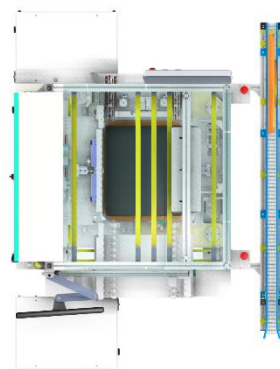
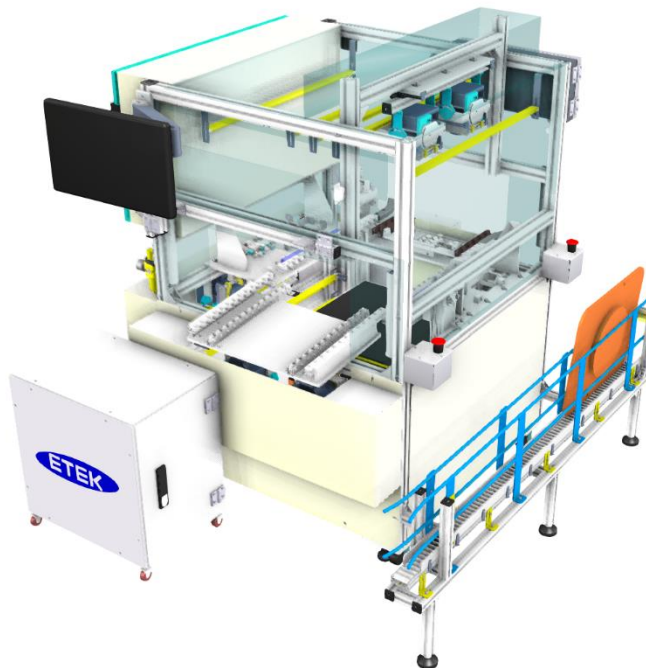
- Machine dimensions: 1811 x 1362 x 1551mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 10s
- Accuracy: 0.4mm



Product & Industry



- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Pallet
2. Transfer product
3. Camera check
4. Display

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PCB INSPECTION MACHINE



PCB INSPECTION MACHINE

- TPAD.F2128



Specification

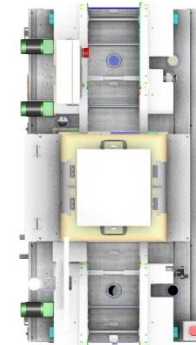
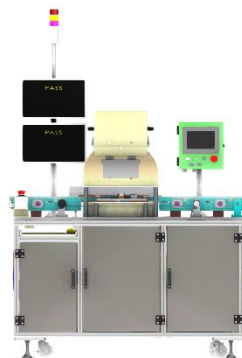
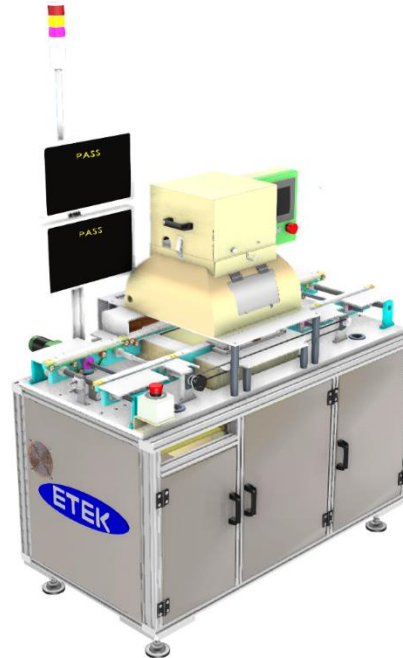
- Machine dimensions: 1300 x 750 x 1981mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 3s



Product & Industry



- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Conveyor
2. Camera
3. Jig

WATCH VIDEO



TUBE BENDING MACHINE



TUBE BENDING MACHINE

- TPAD.F2306



Specification

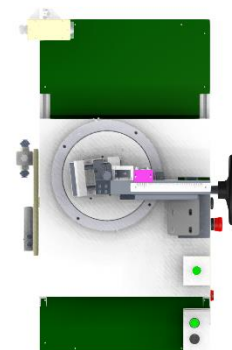
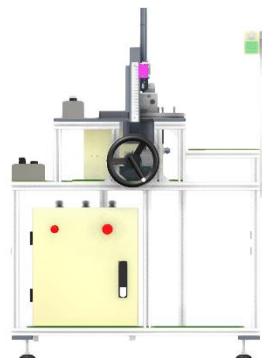
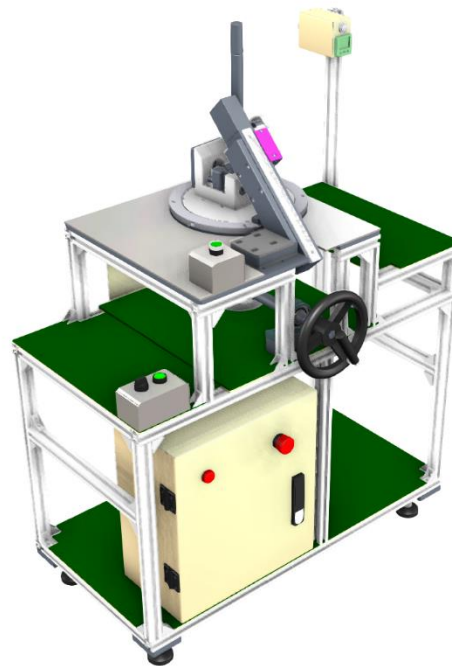
- Machine dimensions: 940 x 660 x 1330mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 2s



Product & Industry



- Auxiliary equipment



Detail Equipment

1. Rotary cluster
2. Cable head
3. Calmps
4. Blocking

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AUTOBOXING MACHINE



AUTOBOXING MACHINE

- TPAD.F4072



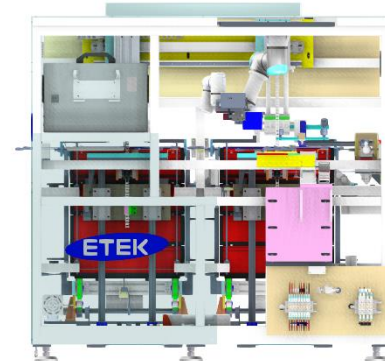
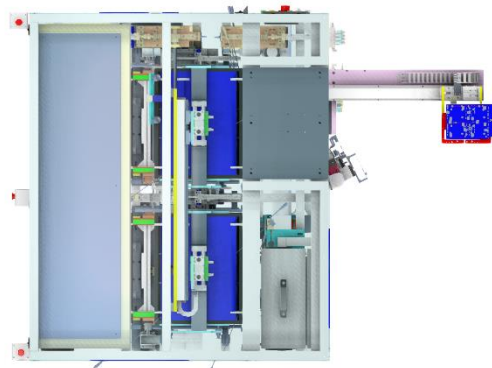
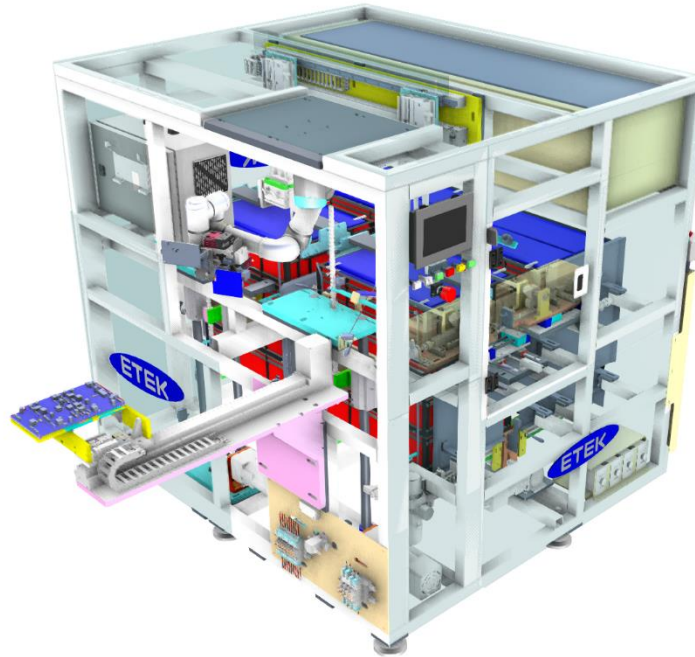
Specification

- Machine dimensions: 2188 x 1492 x 1560mm
- Capacity: 1 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 6s
- Accuracy: 0.3mm



Product & Industry

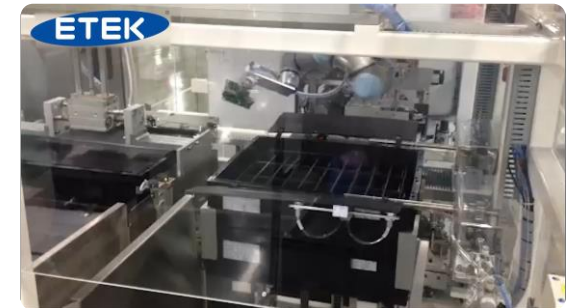
- 3C (Computer, Communication, Consumer Electronics)
- Plastic, Plastic components



Detail Equipment

1. Transferring boxing
2. Cylinder block
3. Pick and place
4. Stacking boxes
5. Transferring
6. Robot pick and place

WATCH VIDEO



SPEAKER CONE FORMING MACHINE



SPEAKER CONE FORMING MACHINE

- TPAD.F5720



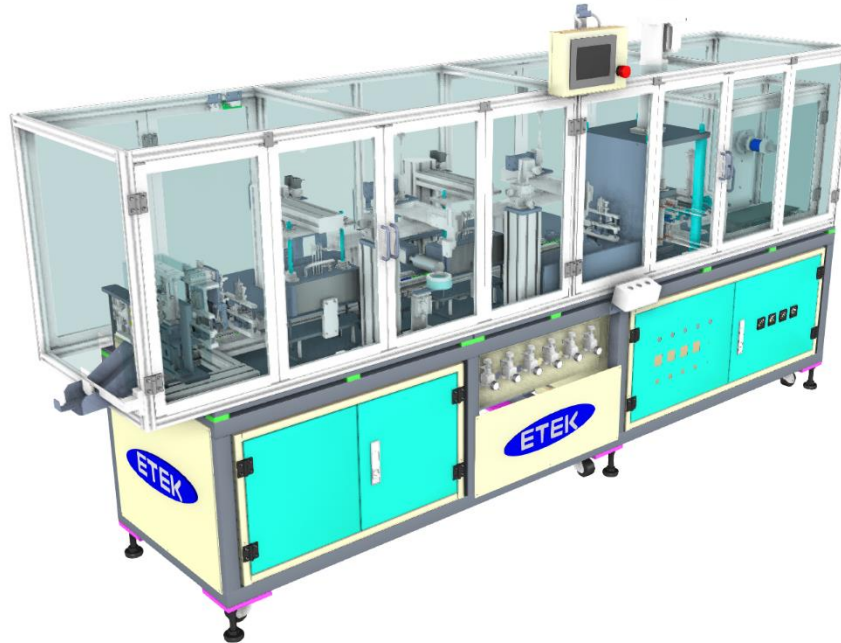
- Machine dimensions: 3348 x 1000 x 1755mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 4s
- Accuracy: 0.3mm



Product & Industry



- 3C (Computer, Communication, Consumer Electronics)



Detail Equipment

1. Loading
2. Thermal pressing
3. Drying and Dispensing
4. Unloading

BODY CUTTING MACHINE



BODY CUTTING MACHINE

- TPAD.F5721



Specification

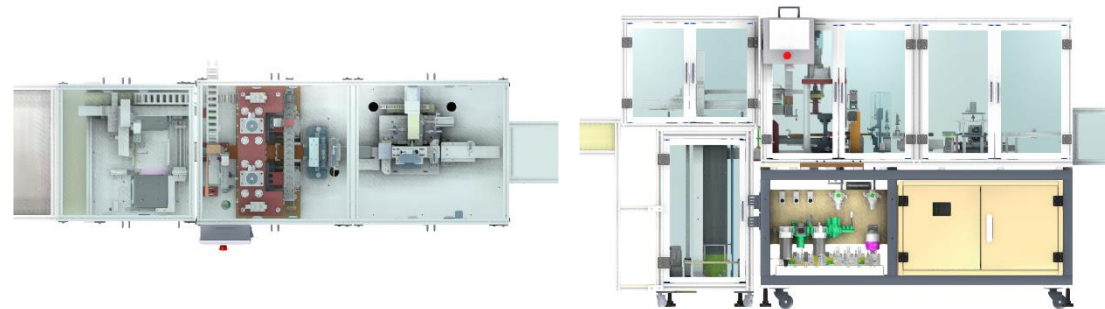
- Machine dimensions: 2751 x 870 x 1478mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 4s
- Accuracy: 0.2mm



Product & Industry



- 3C (Computer, Communication, Consumer Electronics)



Detail Equipment

1. Cut lengthwise
2. Cut horizontally
3. Cut the bavia edge
4. Transferring
5. Trays

WATCH VIDEO



AUTO CUTTING MACHINE



AUTO CUTTING MACHINE

- TPAD.F5850



Specification

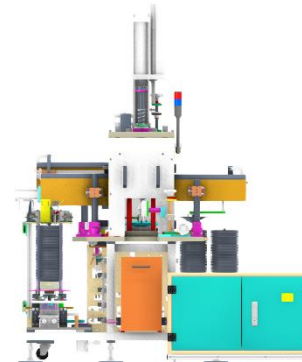
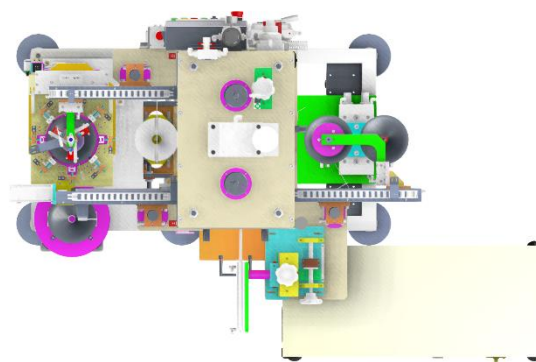
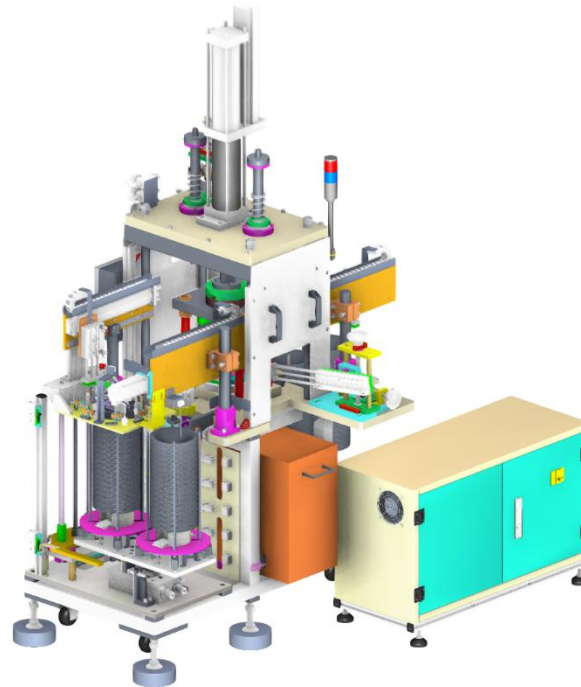
- Machine dimensions: 2751 x 870 x 1478mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 8s
- Accuracy: 0.2mm



Product & Industry



- 3C (Computer, Communication, Consumer Electronics)



Detail Equipment

1. Input products
2. Transferring 01
3. Cutting
4. Transferring 02
5. Output products

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LASER CUTTING & SEWING MACHINE



LASER CUTTING & SEWING MACHINE

- TPAD.F8050

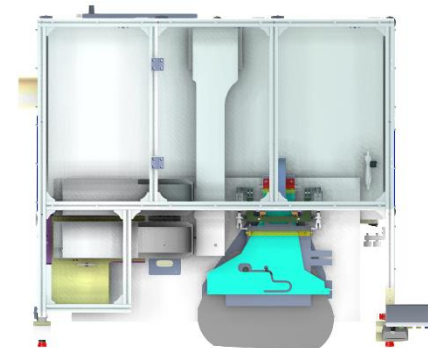


Specification

- Machine dimensions: 2661 x 2200 x 1478mm
- Capacity: 2 kw
- Pressure: 0,4-0,6 MPa
- Cycle time: 16s
- Accuracy: 0.3mm



Product & Industry



Detail Equipment

- Robot 6 axis

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Thank you!

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