PT. WE TECH

Technology - Innovation - Responsibility

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www.wetech.co.id

Company History

About Us

PT WE TECH is a engineering Fabrication company headquartered in Korea. Our businesses across Automation, AGV (Automated Guided Vehicle) , ICT Fixture, FCT Jig , Conveyor, Rack and others . PT WE TECH operates the company in accordance with international quality, and do improve quality to exceed our customers expectations.

Vission

More than the best better than the most.

Mission

- Highest Quality product
- On time Delivery
- Innovation

Milestone

2001
- Factory Establish in Indonesia.
- Started business with PT. LG Indonesia

2002
- Started FCT JIG Manufacture for PT. LG Electronic Indonesia (VCR).

2003
- Started business with PT. SAMSUNG Indonesia for supply ODD (CD Rom) FCT Jig.

2004
- Started business with PT. SAMSUNG Indonesia for supply LCD TV FCT Jig.
- Starting business with PT. LG Electronic Indonesia for supply LCD TV & Monitor FCT Jig.

2005
- Started Business with PT. EPSON Indonesia Industries (Printer FCT JIG).
- Starting Development and production Solder Pallet JIG.

2006
- Started Business with PT. Epson Indonesia Industries relation company (PT.KATOLEC Indonesia, PT. SMT Indonesia and others).

2007
- Started Export Product ICT Fixture , FCT Jig, Solder Pallet Jig to LG Iran , LG Brazil.

2008
- Started Export Product ICT Fixture, FCT Jig, Solder Pallet Jig to EPSON Philipines and relation company (SMT PHILIPINES, and others).

2009
- Started Development MFT Function (a combination of ICT and FCT).

2011
- Started MFT Production for PT. LG Electronic Indonesia.

2012
- Started Export MFT to LG Brazil, LG China.

2013
- Started Export ICT Fixture, FCT and MFT Jig to LG India.

2014
- Started development Conveyor System.

2016
- Started business with Automotive product company (relation company of TOYOTA, DAIHATSU, MITSUBHISI).

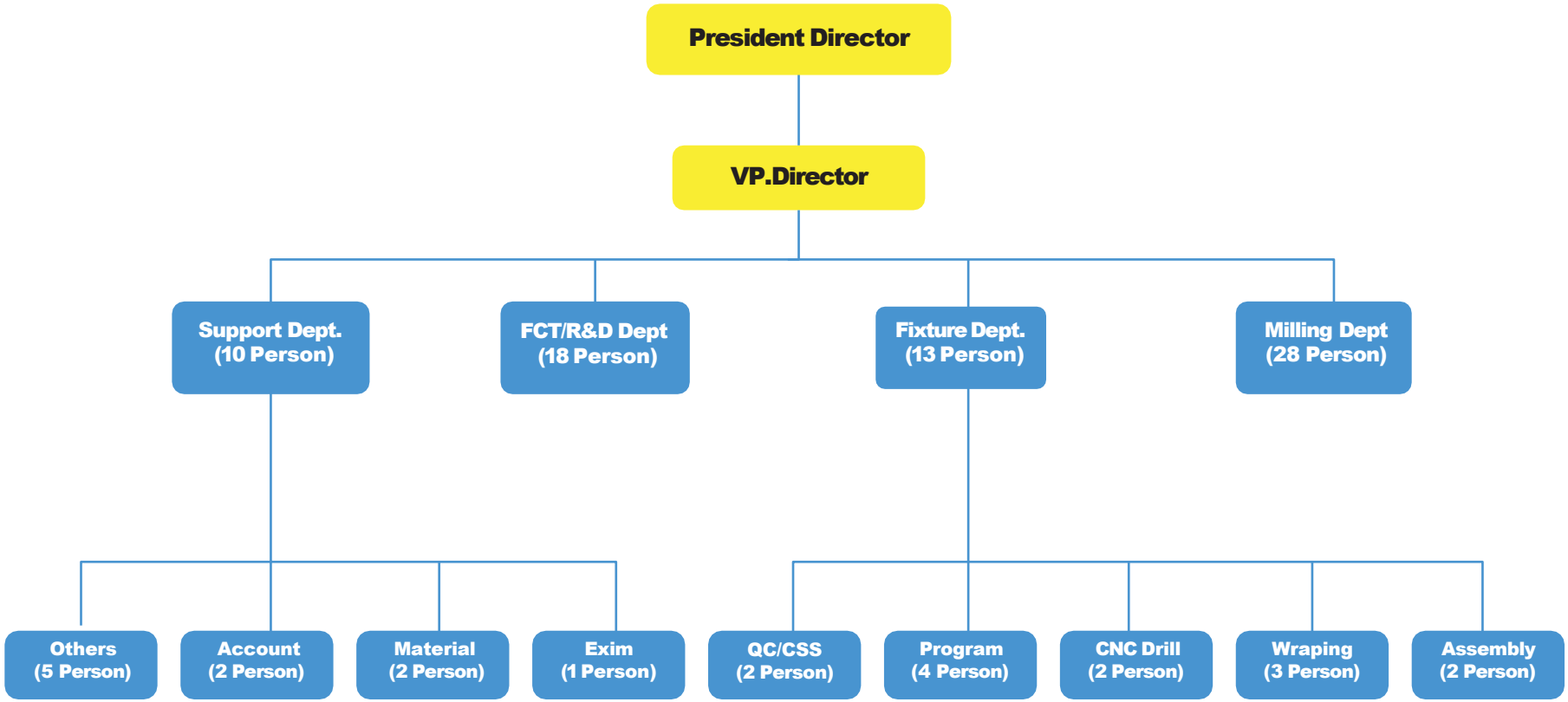
2017
- Started Business with Shoes Factory (relation company of Nike, Adidas).

2018
- Started development and supply AGV (Automatic Guide Vehicles).

2019 - 2021
- Automation development system.

2022
- Started Business with relation company of Hyundai Motor Indonesia.

Organization Structure



Technical Human Source Breakdown

Man Power		Technical Development					Others	Total
Mechanical	Fixture	FCT	AGV	ME Designer	EE Designer	SE Designer		
28	11	13	5	3	3	2	4	69

Name	Working Years	Working Experience
Mechanical	5 – 15 Years	Experience in mechanical assembly, Machine operate (CNC, Milling, Lathe, Cutting, Laser Cut, others)
Fixture	10 – 15 Years	Experience to make Single side/double side, BBT (Bare board Tester JIG)
FCT	10 – 15 Years	Experience for FCT JIG (Printer Check, AV check, LED light color check, MFT and others)
AGV	5 – 10 Years	Already supply 500 set AGV to Customer (Shoes & electronic factory)
ME Designer	10 – 15 Years	Have Experience in ICT/FCT/PLC Progamming and automation field
EE Designer	10 – 15 Years	Have Experience in ICT/FCT/PLC Progamming and automation field
SE Designer	10 – 20 Years	Have Experience in ICT/FCT/PLC Progamming and automation field

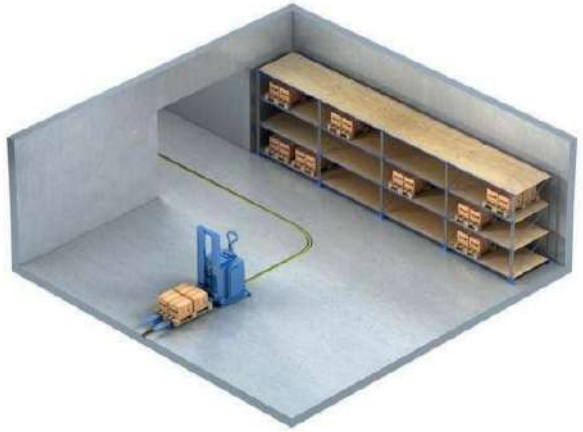
Facility

Automated Guided Vehicle (Magnetic line tape system)

The way it works is that AGVs receive magnetic induction signals from the tape laid on the target path. Then, the magnetic navigation sensors on the equipment enables the vehicle to navigate.

Magnetic Tape Advantages :

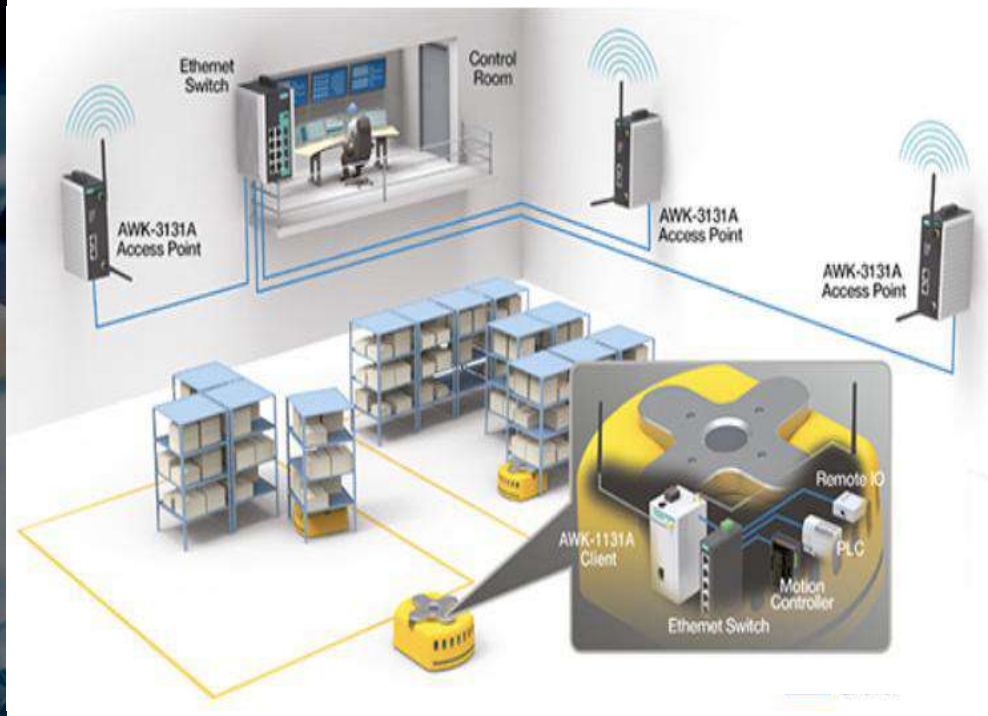
- **Simple installation** with low technical requirements
- **No Interference** caused by light or sound
- **Easy to modify or expand paths,** low cost of modification, always for short modification cylces
- AGV path of operation is **readily visible**

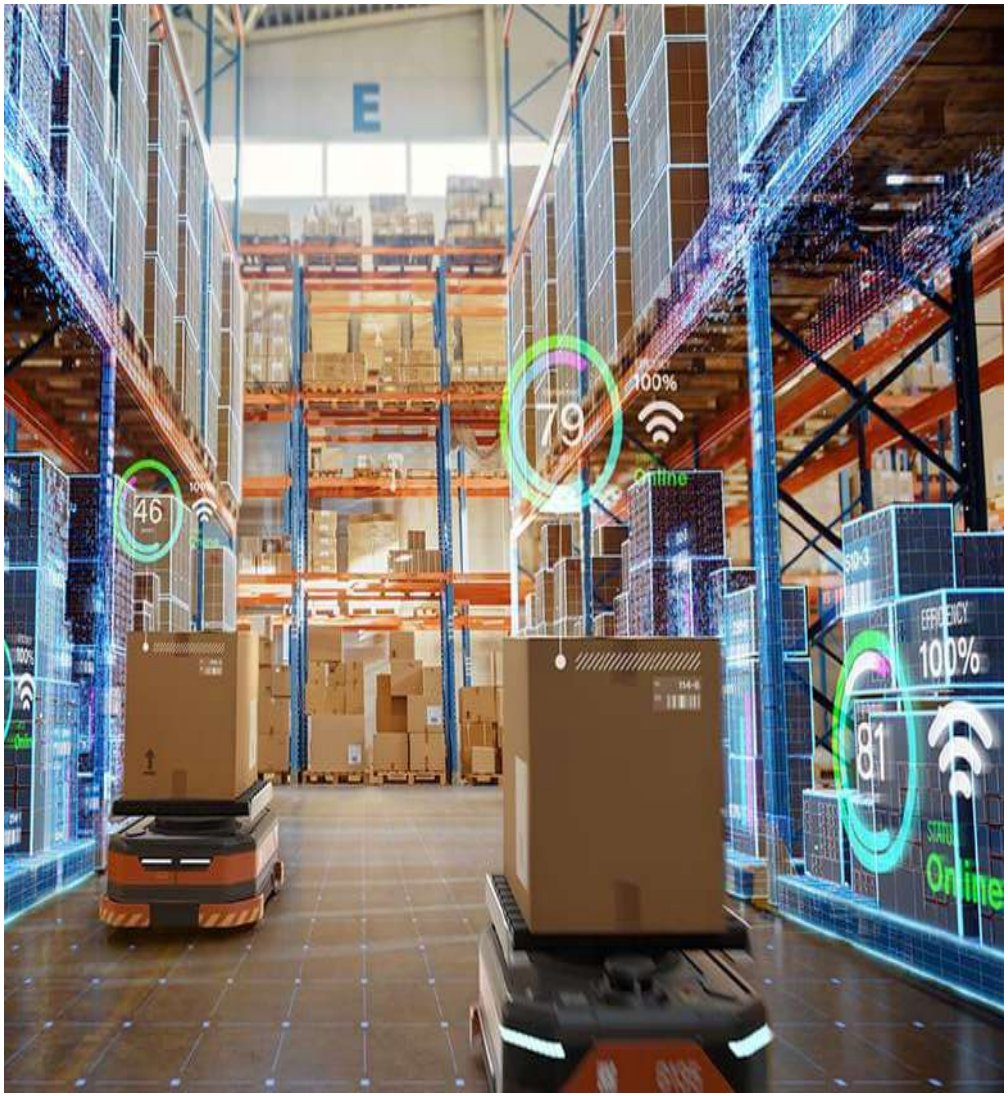


Magnetic Tape Navigation

Automated Guided Vehicle (Magnetic line tape system)

Automated Guided Vehicle (Wireless system)





AGVs use wireless devices to communicate with the control system, allowing coordination and synchronization of operations with the central system

Flexibility

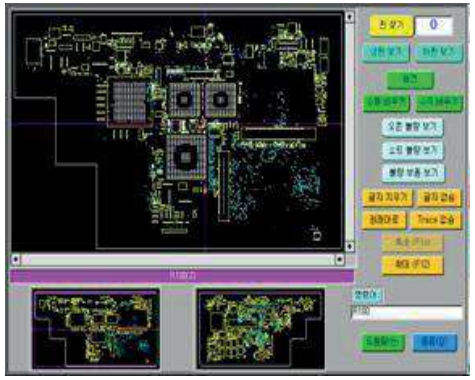
Allows easy adjustment of AGV paths and settings since there are no cables to restrict movement.

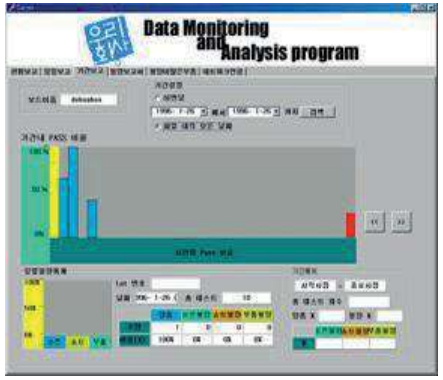
Safety

Reduces the risk of damage from tangled cables and increases safety in the work area.

ICT Machine

ICT MACHINE CMS-9000-S-II
High AccuracY / High Test Coverage



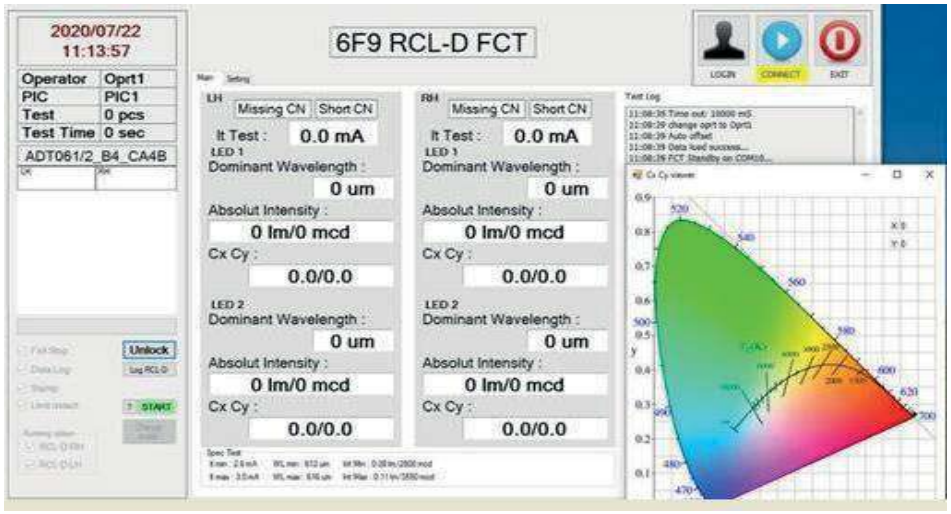


ICT Fixture

CMS 9000 ICT
OKANO ICT
TESCON ICT
FOCUS ICT
Others

FCT JIG

Led Lighting & Color Check Jig



FCT JIG for Printer

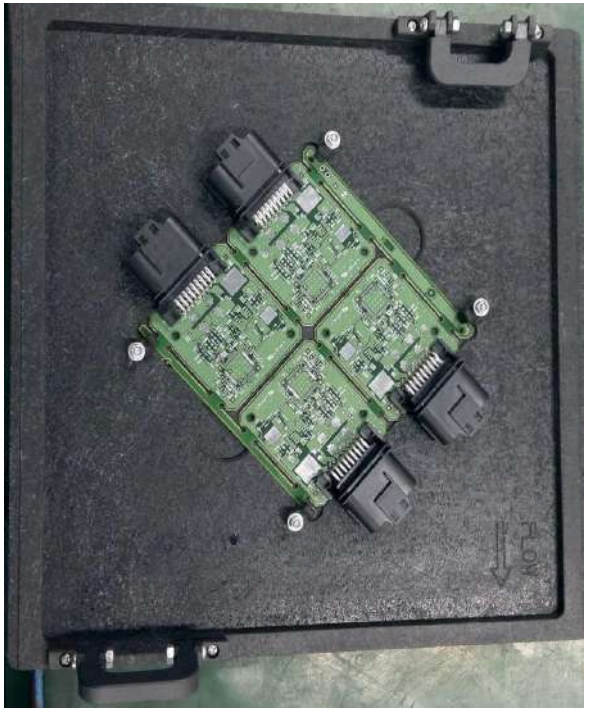
Semi Automation

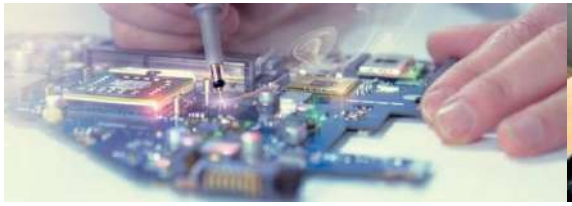
Lead Check Jig

Oven Jig

Pipe Rack & Conveyor

Solder Pallet (Wave Solder JIG)





CONVEYOR SYSTEM

A conveyor system is a mechanical handling apparatus used to move materials or objects from one location to another. It is a common piece of equipment in various industries, such as manufacturing, warehousing, logistics, and transportation. Conveyor systems are designed to automate the process of moving items, which can be heavy, large, or cumbersome, in an efficient and controlled manner.

AUTOMATION LINE CONVEYOR

Automation Line Conveyor is a type of conveyor system designed for use in manufacturing and production environments to automate the movement of object products. These conveyor systems are an integral part of assembly lines and production processes, helping to streamline the manufacturing process, improve efficiency, and reduce man power costs.

HANDLING ROBOTIC SYSTEM

A handling robotic system, often referred to as a material handling robotic system, is a type of automation system that uses robots to perform various tasks related to the movement, transportation, and manipulation of materials or objects within a manufacturing or industrial environment. These robotic systems are designed to enhance efficiency, reduce man power, and improve precision in material handling processes.

ELEVATE CONVEYOR

An elevate conveyor, also known as an inclined conveyor or vertical conveyor, is a type of material handling system designed to move items or materials from one level to another at an incline or a vertical angle. Unlike horizontal conveyors that transport materials on a flat plane, elevate conveyors are specifically engineered to handle the challenge of moving items up or down between different elevations within a facility. These conveyors are commonly used in industries such as manufacturing, distribution, warehousing, and logistics.

OBM ROLLER CONVEYOR

A OBM roller conveyor is a type of conveyor system designed for the efficient movement of materials or objects from one location to another within a facility. It uses a series of cylindrical rollers, typically made of metal or plastic, mounted on a frame to facilitate the transportation of items. Roller conveyors are widely used in various industries, including manufacturing, distribution, warehousing, and logistics, and they come in several configurations to suit different applications.

SKY LINE CONVEYOR

A sky line conveyor is a type of conveyor system that is designed to transport materials or goods over long distances, typically in an elevated manner. It consists of a series of interconnected belts or chains that are supported by overhead beams or structures.

PRESS JIG

A press jig, also known as a pressing jig or simply a jig, is a specialized tool used in manufacturing and assembly processes to hold and guide components or materials during the application of pressure. It is typically designed to provide support, alignment, and stability to ensure accurate and consistent results.

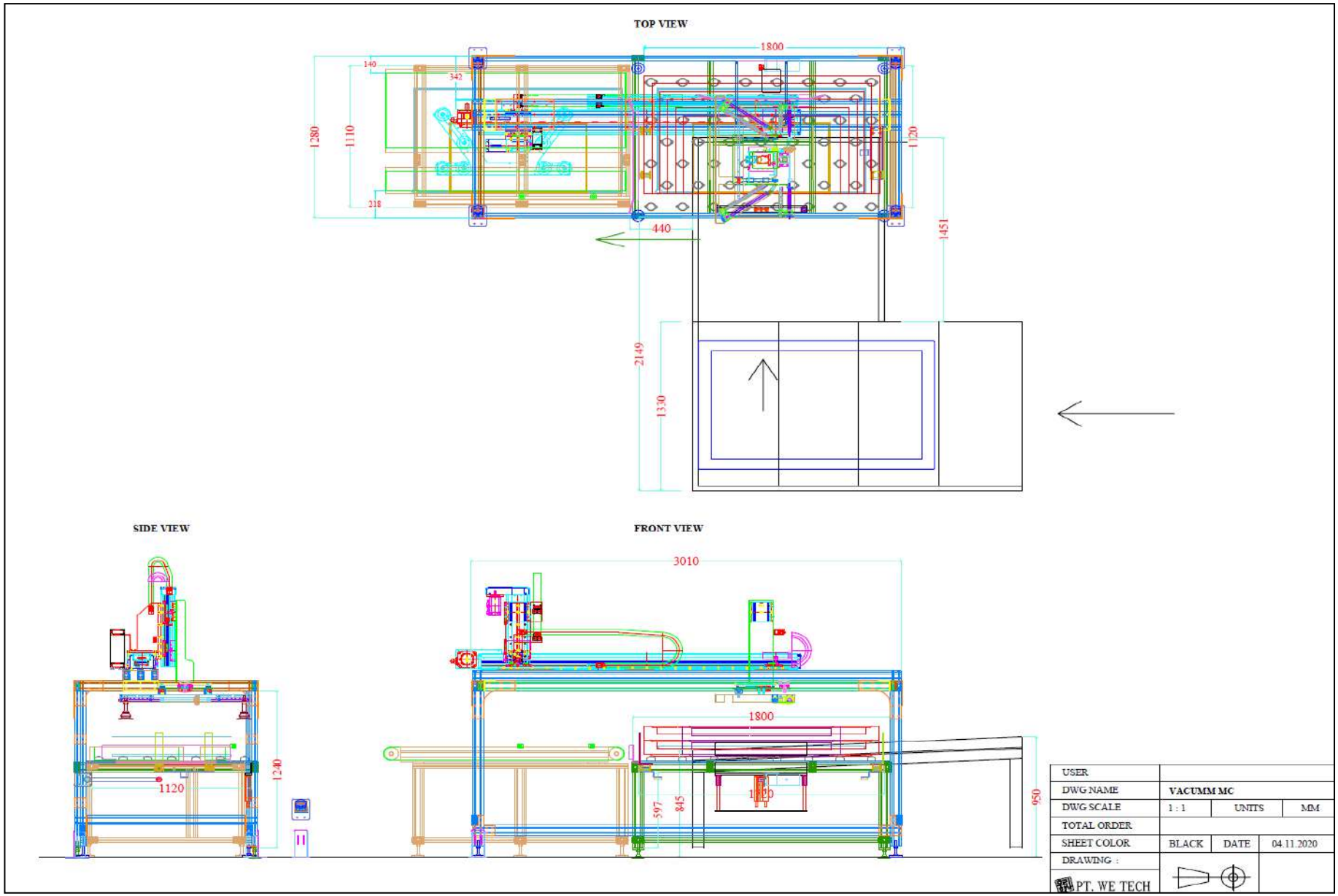
TOOLING ASSY CONVEYOR

A tooling assembly conveyor, also known as a tooling assembly line or tooling assembly system, refers to a conveyor system specifically designed for transporting and handling tooling assemblies during assembly or manufacturing processes.

ALT TOOLING ASSY

An alternator is a device in a vehicle that generates electrical power to charge the battery and power the electrical systems. Alternator tooling assembly refers to the various tools and equipment used in the manufacturing.

MODULE Supply Vaccume MC



Our Customers

PT Katolec Indonesia
"Electronics Factory."

PT. SAMSUNG
"Electronics Factory."

PT. PANASONIC
"Electronics Factory."

PT. SANKEN INDONESIA
"Electronics Factory."

PT. New Balance
"Shoes Factory."

PT. SIIX EMS Indonesia
"Electronics Factory."

PT. EPSON INDONESIA, CIKARANG

PT Haeng Sung Raya Indonesia

PT. Park Land World Indonesia

PT. LG
"Electronics Factory."

PT. TOSHIBA
"Electronics Factory."

PT. Hyundai Motor Indonesia
"Otomotif Factory."

PHILIPPINES EPSON EXCEED YOUR VISION

METCO

LG 스포츠

DENSO

Valeo

Faurecia

HEESUNG ELECTRONICS LTD.

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