

HPC HIGH-PRO COMPANY LTD.

A Professional Ignition Coil Manufacturer
www.hpccoil.com



Company Profile

Presented by: Management Team



Agenda

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HPC Company Milestone



Vision & Mission

Vision: To be a “first class” manufacturer, which the customers will think of and contact as a primary supplier when they need ignition coils.

Mission: Offer good value products and services with high quality, wide selection of product range, and competitive prices.



Our Products



Product Feature

1. 100% pure copper windings in primary and secondary windings provide higher resistance to internal shorts and dielectric breakdown.
2. Ignition module profile and feedback signal ensures proper OE form, and function.
3. Thermoplastic housing withstands heat stress for enhanced durability.
4. Core made from high quality silicon steel to ensure durability and longevity.
5. Neodymium magnet produces max high voltage output at all speeds.
6. Stainless steel spring resists corrosion.
7. Tin-plated brass terminals improve electrical contact and protect against corrosion.
8. High-dielectric epoxy injected into case and pulled into vacuum to eliminate air pockets and prevent moisture intrusion or thermal breakdown.



Product Feature

- 9. No O-Ring designed housing to improve moisture intrusion and longer coil life.
- 10. High temperature resistant coil connector to eliminate fracture caused by heat and thermal cycle.
- 11. High temperature resistant boot to prevent high-voltage leaks.
- 12. Reinforced bobbin design to prevent voltage flashover for stable performance and longer coil life.
- 13. 400-hour life test.
- 14. Open Circuit Test.
- 15. Thermal Shock Test.



Quality Certification

Certificate of Registration



This is to certify that the Quality Management System of

Shanghai Li-He Auto Parts Company

No. 23, Lane 3129, Shenzhuan Road, Sheshan Town, Songjiang District, Shanghai City, 201603, China.

applicable to

The manufacture of engine ignition coils

has been assessed and registered by

NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZX, Bedfordshire, England

against the provisions of

IATF 16949:2016

(Clause 8.3 product design of IATF 16949 : 2016 is justifiably excluded)

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA


Managing Director



NQA Certificate No: T9502
IATF Certificate No: 0435300
Date: 22 November 2021
Valid Until: 21 November 2024
Version: 1



HPC Automated Factory China Overview

High-Pro is a Taiwan-based company with headquarter in Taipei, Taiwan. Since 2002, we started providing more than 600 models of high quality ignition coil for the aftermarket; produced by our own IATF 16949: 2016 certified factory in Shanghai, China.

While expanding product selection, we believe quality and efficiency are the keys for long term success. With our semi-automatic production equipment and strict quality assurance, we deliver every piece with the best quality and efficiency.

Aside from our existing products, we also welcome customization and special applications based on request to fulfill variety of demands



Factory Introduction

We utilize automatic and semi-automatic equipment for most of our products to enhance production efficiency and product quality.

All products are inspected and tested by advance testing equipment under high quality standard before delivery; giving good user experience for our customers.



HPC Automated Factory China Profile

Factory Location: Shanghai, China

Factory Size: 4000m²

Factory Type: semi-automated factory

Production Equipment: Semi-automatic manufacturing machines

Core Product Line: ignition coil

Annual Production Capacity(estimated): 1,400,000pcs

Quality Certification: IATF16949

Time of Factory in Operation: Since 2002



HPC Smart Factory Taiwan Overview

For decades, HPC has been devoting in providing high quality ignition coils from our factory in Shanghai China. With a thought of continuous quality optimization and supply chain diversification, HPC initiated the new smart factory project in Taiwan.

Automotive ignition coil is considered as “traditional” industry. With our new manufacturing plant, we will produce the ignition coils with an advance and smart way.

Our Objective of Smart Manufacturing:

1. High production efficiency
2. Maximized production capacity
3. Real time data monitoring & management
4. Consistent, stable, and optimized product quality



HPC Smart Factory Taiwan Schematic

Manufacturing Building



Office Building



HPC Smart Factory Taiwan Profile

Factory Location: ChangHua, Taiwan

Factory Size: 6902.23m²

Factory Type: smart factory

Production Equipment: Intelligent manufacturing with IoT solutions, linking automatic machines such as winding machine, welding machine, potting machine....etc. with data monitoring management.

Core Product Line: ignition coil

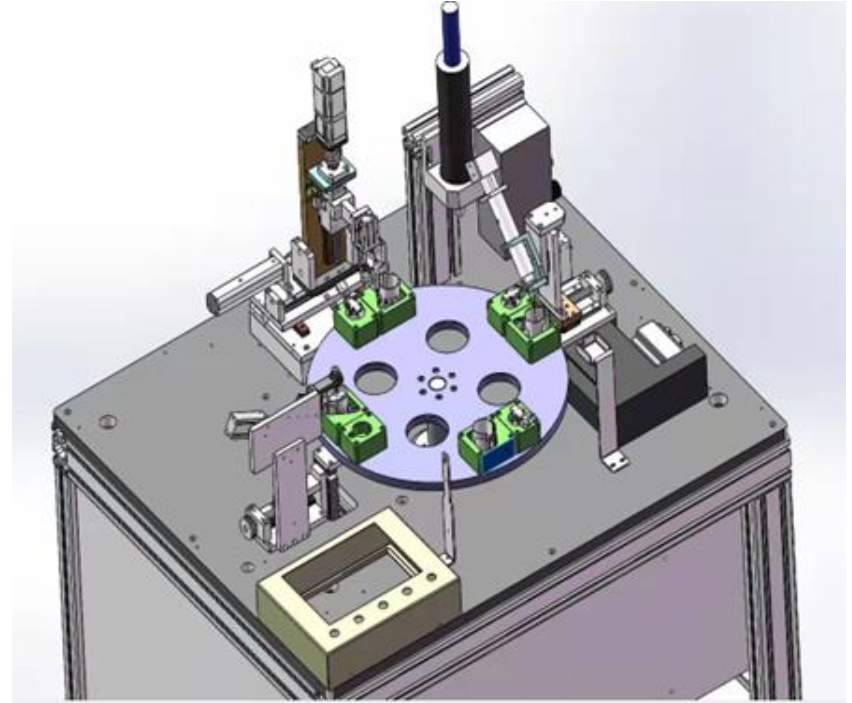
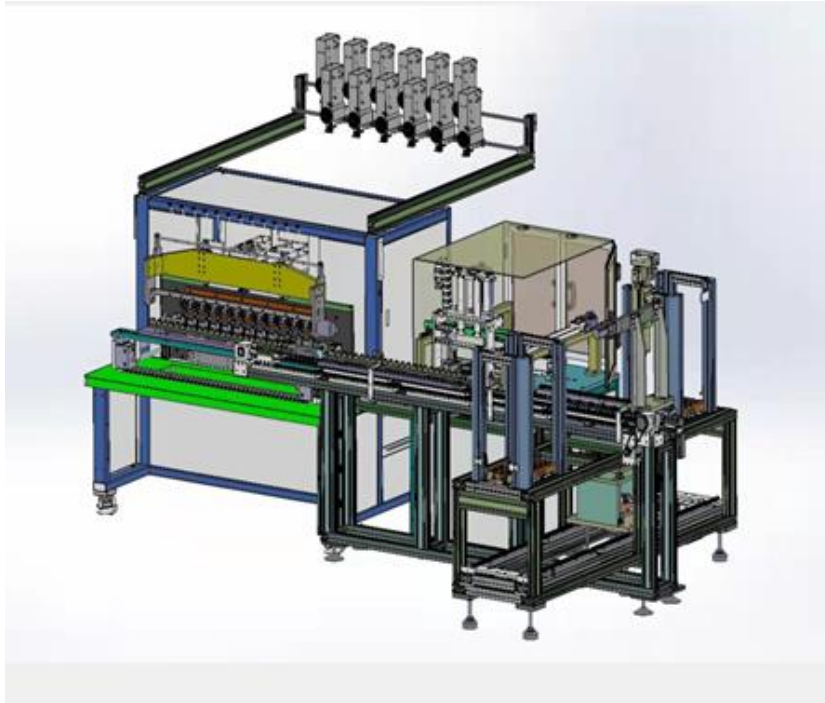
Annual Production Capacity(estimated): 1,200,000pcs(estimate)

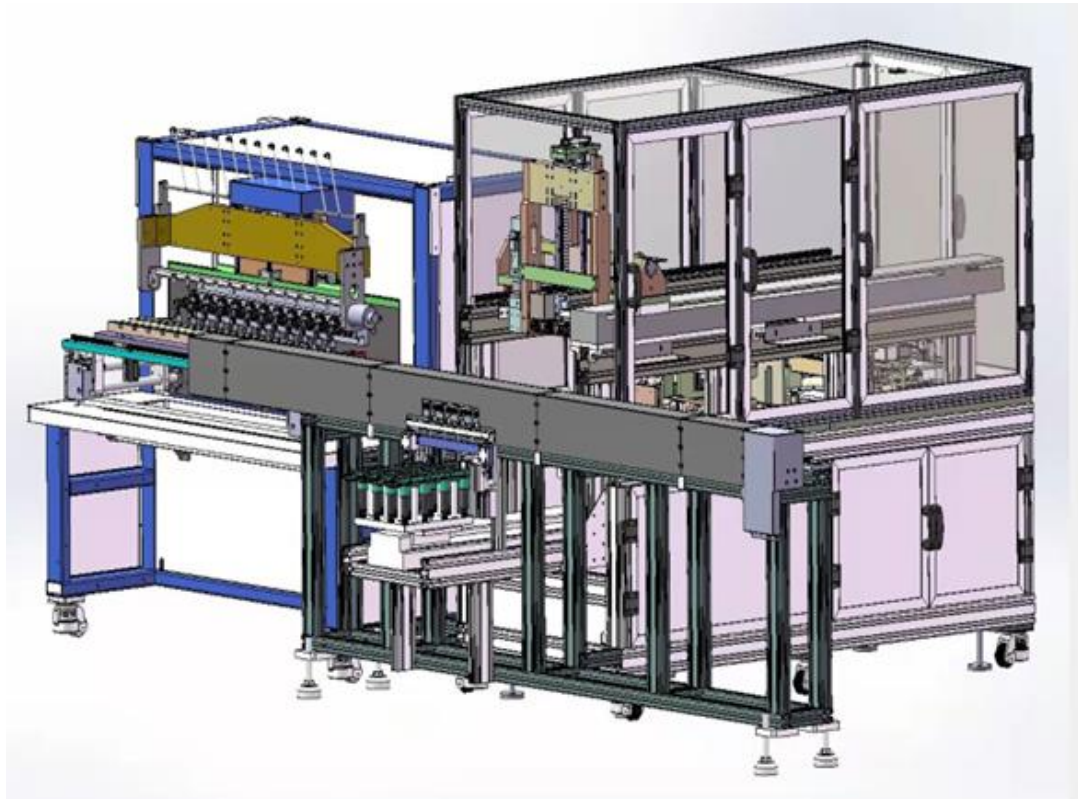
Quality Certification: IATF16949(time to be determined)

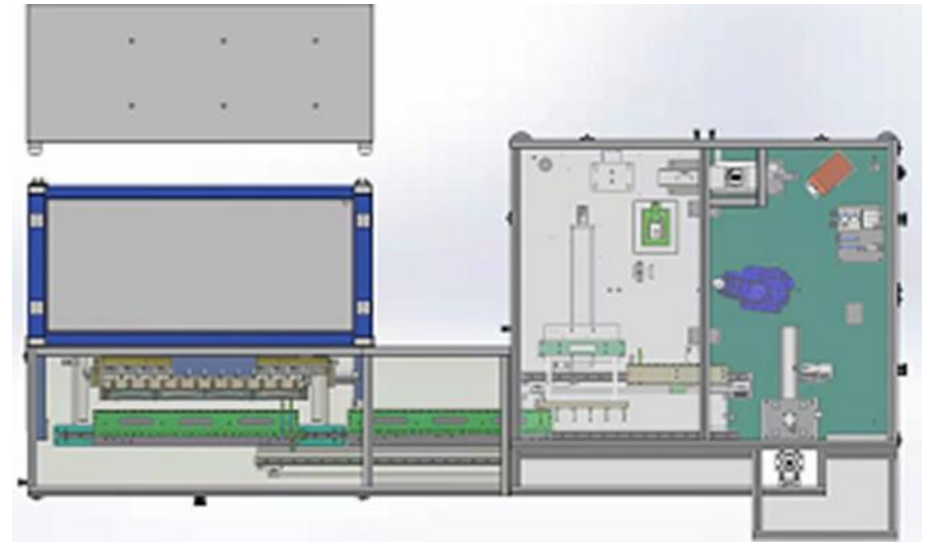
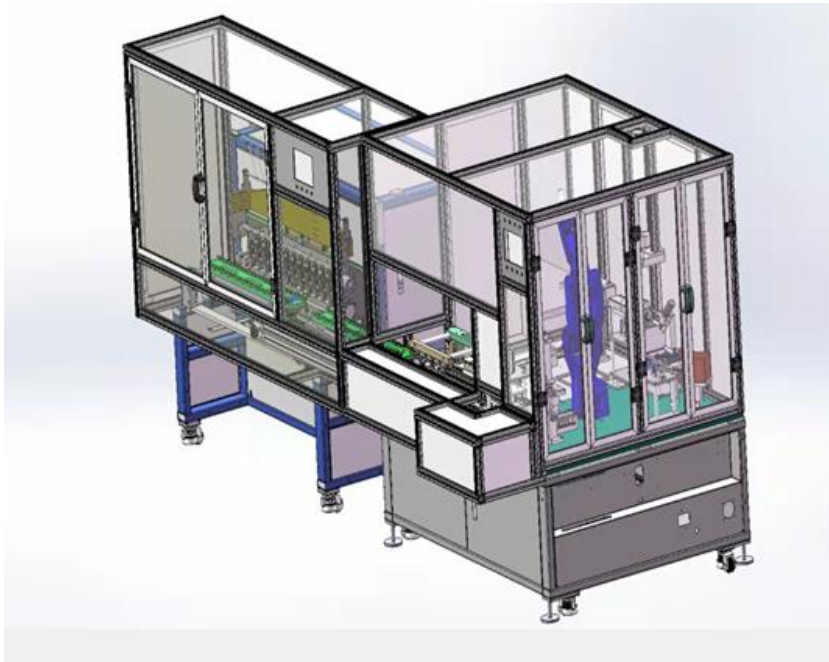
Time of New Factory in Operation: estimated around 2025

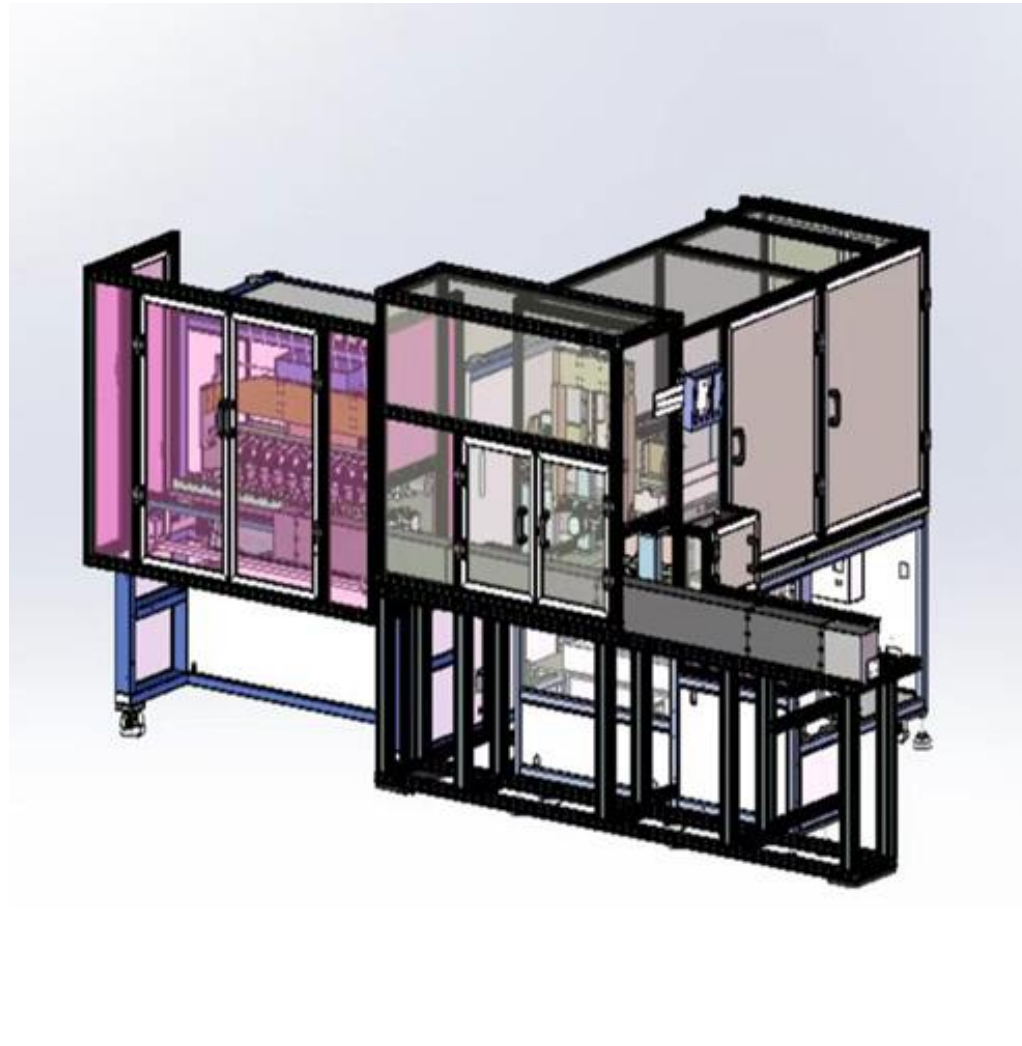


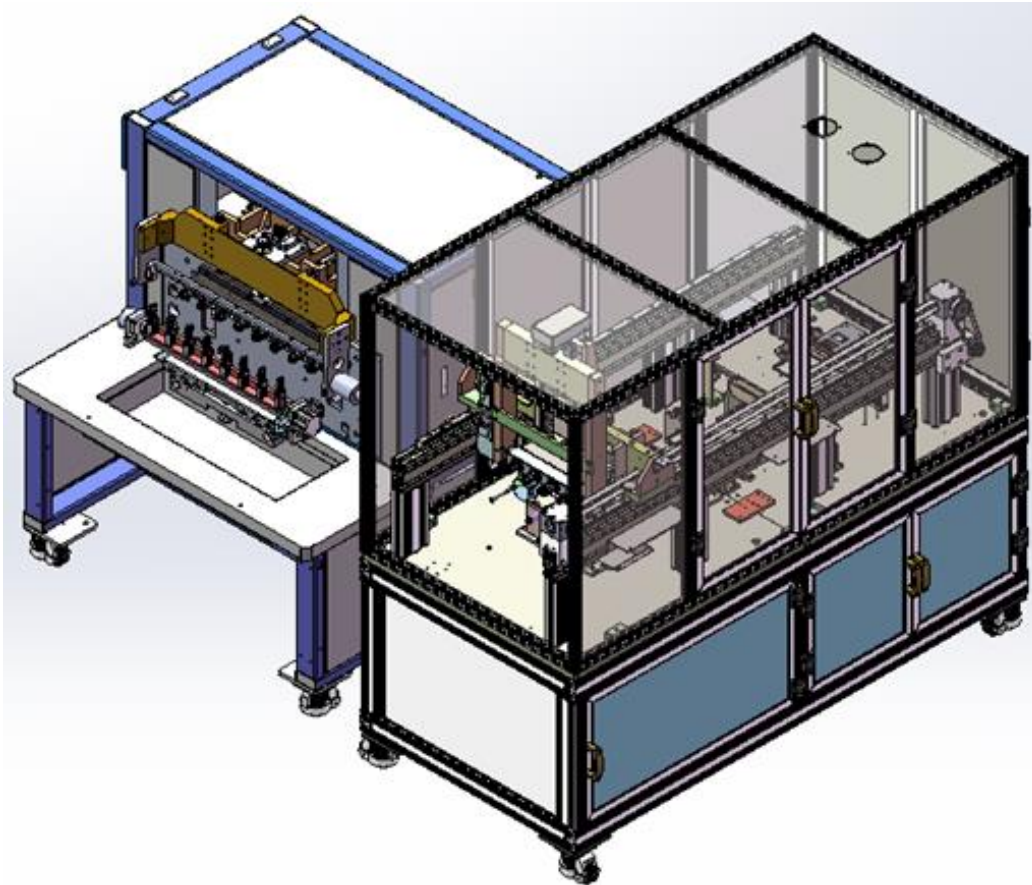
Automatic Production Equipment - (Equipment Diagram)











Automatic Production Equipment

We will be utilizing automatic and semi-automatic equipment with integration to the monitoring and management system to implement smart manufacturing.

Our new smart factory will achieve high production efficiency, maximized production capacity, and optimized product quality. Our goal is to bring high product quality, prompt lead time, and good buying experience for our customers.



Thank you!

To know more about our company or products,
please visit us at www.hpccoil.com or send us email at hipro@high-pro.com.tw.

