



<b>LIBERO</b>			
<b>DFM/A Report</b>	<b>Free 3D Design</b>	<b>Libero Mould Opening</b>	<b>Free Product Inspection Standard Setting</b>
Finehope will show details and solutions of manufacturability and assemblability through PPT to help customers reduce trouble.	Finehope help customer design the desired product or modify the design for free.	Large order quantity with mould cost free.	In addition to the usual quantification of product physical properties and appearance standards, we will add REACH, RoHS, FDA, CA-65, or CFC Free to the standards according to customer needs.



## ISO 9001 Certificate

Finehope has obtained ISO 9001 certificate continuously since 2003.



## IATF16949 Certification

Finehope passed the IATF16949 Automotive Quality Management Systems Certification in 2021. More than 50 documents guarantee the progress of new product development, the quality, delivery time and cost of trial and mass production products.

Since the cooperation between Finehope and Caterpillar in 2007, Finehope has used the automotive quality management system for the new product introduction, using the five tools of SPC, MSA, FMEA, APQP and PPAP, which have won praise from Caterpillar executives and established a long-term partnership so far.

## I nostri Advantages

1.

### Automation equipment design and manufacturing capabilities

[China polyurethane Pu Memory Foam Mat supplier](#) Finehope 's ability to design and manufacture automation equipment is rare in the industry. Di participating in the design of new PU injection mixing equipment and the automation transformation of the production line, to ensure that under the competition of China's demographic dividend is reduced and labor costs continue to rise, the production efficiency also can be improved, labor and material costs can be reduced. In addition, the continuous design and manufacturing capabilities of key equipment such as fixtures, special equipment, and automatic molds are also the reasons why Finehope is in a leading position in tutti gli aspetti.

Finehope 's ability to continuously reduce costs and innovate products can help customers bring

greater value. Therefore, it is a reliable long-term partner of many Fortune 500 companies and leading companies in the industry.



2.

### **PU raw material research and development capabilities**

Since 2002, Finehope has been committed to the design and manufacture of PU moulded foam products. Independent research and development of formula materials and stable production capacity are the basis for quality assurance. [Fabbrica della cina tappetini da cucina](#)

Finehope can adjust the product formula at any time according to the customized needs of customers' personalized products, such as the requirements for hardness, elasticity, support, feel, density, color and other physical and chemical properties, and can make formulation requirements in compliance with the laws and regulations of various countries. Of course, a good formula must also consider the best prestazione di costo. For new projects, the ability to develop PU formulations is a key condition for ensuring product development quality, delivery time and cost.



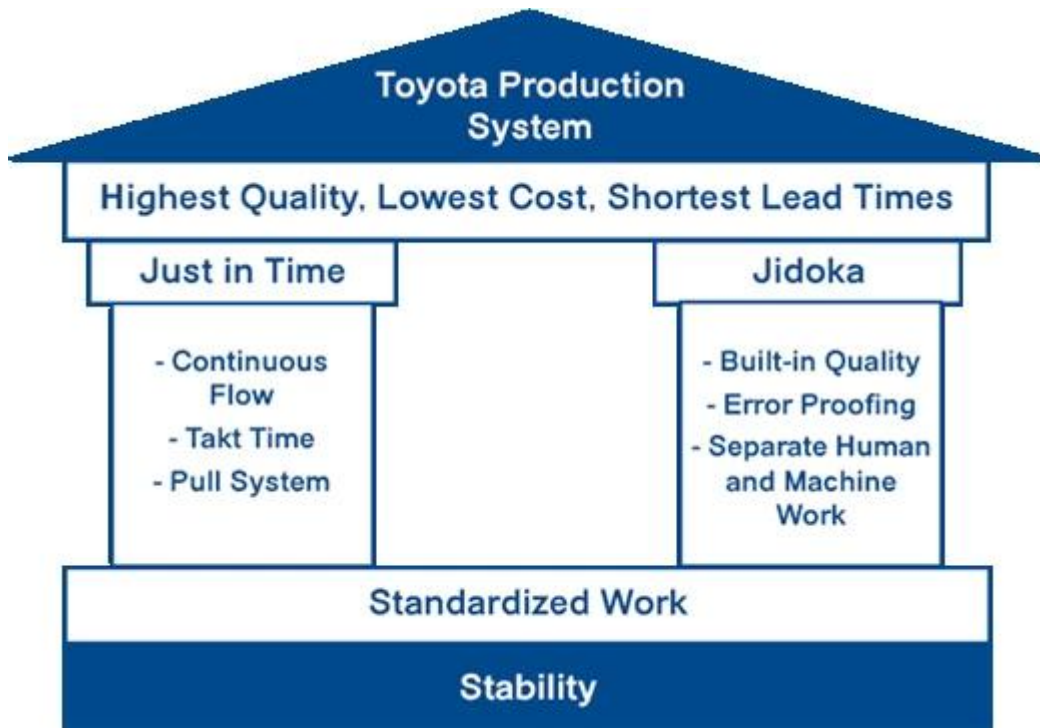
3.

### **Gestione scientifica capacità**

Finehope emphasizes the importance of the Toyota Production System and Corporate Coaching Model to optimize management efficiency. Continuous improvement the efficiency and quality of all employees, management and production personnel have been effectively and continuously improved, management and production costs have been continuously reduced, but more important than efficiency and cost is the cultivation of employee growth through continuous improvement, Because this is the core of corporate sustainable development. [Porcellana Produttore decorativo dei tappetini antipatica](#)

Finehope 's refinement reduces the trouble for customers, because it reduces the negligence on the human process system and the ability to continuously accumulate professional experience, which can ensure that all new projects are completed in the shortest time.





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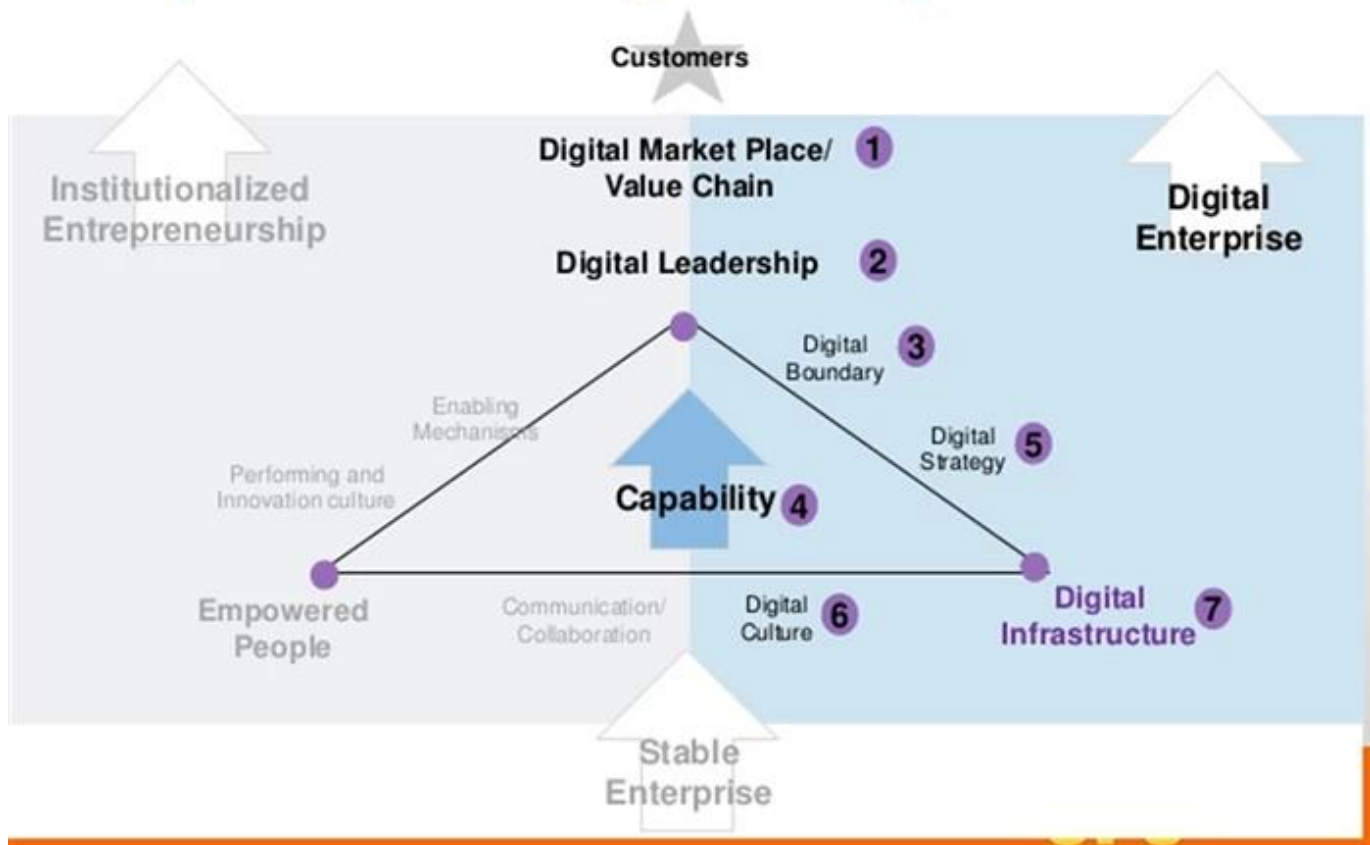
4.

#### Enterprise digital capabilities

Finehope has invested heavily in the research and development of software systems to digitize business process management and industrial manufacturing. Digitale transformation allows

Finehope to use new technologies to enable customers to have a more positive experience, while reducing the workload of the company's employees and ultimately reducing costs.

## 7 Aspects Define a Digital Enterprise



## Famous customer

### Cooperation experience



## FAQ

### 1. Why you choose Finehope ?

Finehope is the most professional PU manufacturer in China, which has a professional R&D team, advanced PU production equipment, professional testing equipment and perfect quality management system. We have 12-year cooperation experience with CAT, FIAT, TVH, GGP and other famous enterprises. We provide them with one-step service from R&D to production to satisfy their customization needs.

### 2. What are the advantages of choosing Finehope ?

- 1) Product quality assurance, delivery guarantee, good after-sales service.
- 2) Cost-effective, fast development efficiency, professional operation with integrity.
- 3) Finehope will conduct all testing analysis and then work out testing standards to reduce quality standard dispute between customers and manufacturers.
- 4) Lean production management mode.
- 5) Help customers to develop and design new products.
- 6) Has rich experience in the design and processing of PU products.
- 7) Finehope is a high-tech enterprise in China with domestic and have international invention patents technology and intellectual property.

### 3. What are the difference between Finehope and domestic peers?

- 1) Quality assurance: advanced quality planning (APQP).
- 2) Finehope has rich experience in serving international large enterprises.
- 3) Has professional scientific research team of polyurethane material.
- 4) Has independent design, manufacturing and innovation ability of production equipment and molds.

5) Has engineer team who is responsible for the quality assurance system and quality control.

#### 4. What are the differences between Finehope and European and U.S peers?

- 1) Has perfect and mature supporting supply chain.
- 2) Lower mold costs.
- 3) High efficiency of development and design ability and short process time.
- 4) Cost advantage and good service attitude.

#### 5. What are the applications of PU products?

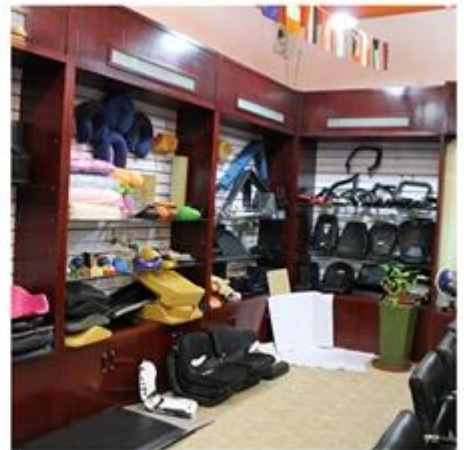
Car, engineering machinery, sports fitness equipment, medical machinery and daily household items and so on.

### Chi siamo



Ufficio





Campione camera



## Attività

## I nostri Certificazione



## Alibaba Verified Supplier Certificato

Since 2007, Finehope has continuously passed TUV certification and has become an Alibaba Verified Supplier.

Verified Supplier is a high-quality supplier verified by the authoritative strength of Alibaba platform. Through online and offline on-site audits, the merchants' corporate qualifications, product qualifications, corporate capabilities, and other comprehensive strengths are reviewed and verification.



## Integrazione di Informationization and Industrialization Management System Certificate

The certificate is assessed by the Xiamen Municipal Government and issued by the Shanghai Academy of Quality Management Science. This certificate reflects the level of Finehope 's in-depth integration of informatization and industrialization. Finehope will continue to take a new path of industrialization; use information technology as the support to transform and upgrade traditional kinetic energy, cultivate new kinetic energy, and pursue a sustainable development model.





### **Xiamen Growth-oriented Micro, Small & Medium Enterprises**

Finehope has been rated as “Xiamen Growth-oriented Micro, Small & Medium Enterprises” since 2019. It is the scoring result of the Xiamen Municipal Government based on Finehope’s various comprehensive indicators, growth models, brand strength in the industry, and good corporate reputation, then issue this certificate. È un proof that Finehope stands out among thousands of small and medium-sized enterprises in the city.





### Lavora in sicurezza Standardization Certificate

Manufacturing safety is important to prevent or lessen the risk of workplace injury, illness, and Morte.

Finehope General Manager Tiger Side: "Only those manufacturing facilities which continue to emphasize safety as a top-level issue will remain highly productive and competitive in today's marketplace."

Finehope must be proactive about employee safety. Without a focus on safety, can place their employees at risk, cause fire and face expensive property damagend and affect delivery.



## Xiamen Science And Technology Little Giant Leading Enterprise

Dal 2019, Finehope ha been selected as the leading company of Xiamen Science and Technology Little Gigante. This certificate was jointly issued by five departments of the Xiamen Municipal Governo. The selection criteria focus on strategic emerging industries such as new generation information technology, high-end equipment, new materials, new energy, biology and new medicine, energy saving and environmental protection, and marine high-tech. Winning this honor shows that Finehope is at the forefront of the industry in new information technology and new materials.



## Fujian Province Pollution Discharge Permit

Pollution discharge permits are the "identity cards" of all entities involved in the discharge of pollutants and are issued by the Xiamen Municipal Environmental Protection Bureau.

General Secretary Xi Jinping emphasized that "the ecological environment should be protected like the eyes, and the ecological environment should be treated like life." Premier Li Keqiang said: "Environmental pollution is a hazard to the people's livelihood and the pain of the people's hearts. It must be dealt with an iron fist." The Chinese government's determination to improve the environmental quality of the atmosphere, water bodies, and soil cannot be ignored. Pollution permits are an important factor that must be considered in international procurement. Otherwise, the factory has hidden dangers and will be ordered to stop production, which will affect the delivery

date.

It can be seen that Finehope is a manufacturer with long-term cooperation and stable delivery.



### **Xiamen Specialized, Refining, Differentiate, Innovative SMEs**

Finehope has been rated as "Xiamen Specialized, Refining, Differentiate, Innovative SMEs" since 2020. "Specialized, Refining, Differentiate, Innovative" refers to SMEs with outstanding main business, strong professional capabilities, strong R&D and innovation capabilities, and development potential. Mainly concentrated in the new generation of information technology, high-end equipment manufacturing, new energy, new materials, biomedicine and other mid-to-high-end industries.

Leading in the same industry in terms of market, quality, efficiency or development, with advanced and exemplary.

Through this certificate, the government emphasizes and recognizes finehope 's "specialization, special innovation" is to encourage innovation and achieve specialization, reform, and specialization.

Finehope should continue to take "specialization, special innovation" as the direction, focus on their main business, practice hard work, strengthening innovation, and build the company into a "single champion" or "supporting expert" with unique skills.



Fiscal Year 2020

## CERTIFICATION OF REGISTRATION

This certifies that:

**Finehope (Xiamen) New Material Technology Co., Ltd.**  
NO. 466 Jiu-tian-hu Road Ninglin , Jimei, XIAMEN, Fujian, 361022,  
CHINA  
has completed the FDA Establishment Registration (as manufacturer , foreign exporter,  
contract manufacturer ) and Device Listing with the US Food & Drug Administration,  
through

U.S. Agent for FDA Communications: SUNGO TECHNICAL SERVICE INC.  
6050 W EASTWOOD AVE APT 201, CHICAGO,  
ILLINOIS 60630, USA  
Telephone: +1 455-957-7779 / E-mail: [sungogroup@yahoo.com](mailto:sungogroup@yahoo.com)

Registration Number: **3014535570**

Device Listing#: See annex

*SUNGO Technical Service Inc. will confirm that such registration remains effective upon request and presentation of this certificate until the end of the calendar year stated above, unless said registration is terminated after issuance of this certificate. SUNGO Technical Service Inc. makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate-holder's device or establishment by the U.S. Food and Drug Administration. SUNGO Technical Service Inc. assumes no liability to any person or entity in connection with the foregoing.*

*Pursuant to 21 CFR 807.39, "Registration of a device establishment or assignment of a registration number does not in any way denote approval of the establishment or its products. Any representation that creates an impression of official approval because of registration or possession of a registration number is misleading and constitutes misbranding." The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. SUNGO Technical Service Inc. is not affiliated with the U.S. Food and Drug Administration.*



Executive Director  
Issued: Dec. 19 2019  
Cert. No.: 200608756528  
Expiration Date: Dec. 31 2020

SUNGO CHINA OFFICE Tel: 021-68628522 Email: [Shago2006@126.com](mailto:Shago2006@126.com) Website: [www.sungoglobal.com](http://www.sungoglobal.com)  
Add: 13<sup>th</sup> Floor, No.1000 Century Avenue, Shanghai 200122, P.R.China

## FDA certification

Food and Drug Administration (FDA) established in 1906 is a government agency under the passage of the Federal Food and Drugs Act. The FDA Certification is mandatory for placing the products in the USA.

This major responsibility of FDA is protecting and managing public health and related authorities by assuring the safety and security of human and biologically generated product. The FDA regulates products including biological products, medical services, cosmetics, prescription drugs and non-prescription drugs, veterinary drugs, tobacco and other radiation emitting products.

Finehope has passed FDA certification every year since 2018. FDA approval means that the products Prodotto da Finehope hanno ottenuto certificati del governo straniero (CFG) e può entrare in modo fluido il mercato globale.



## Qualità Assicurazione





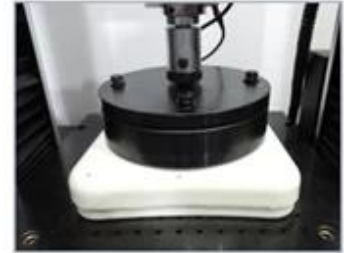
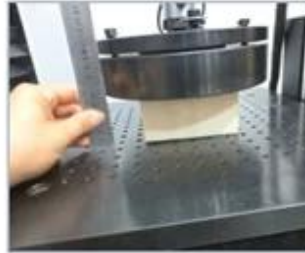
### Tensile Test



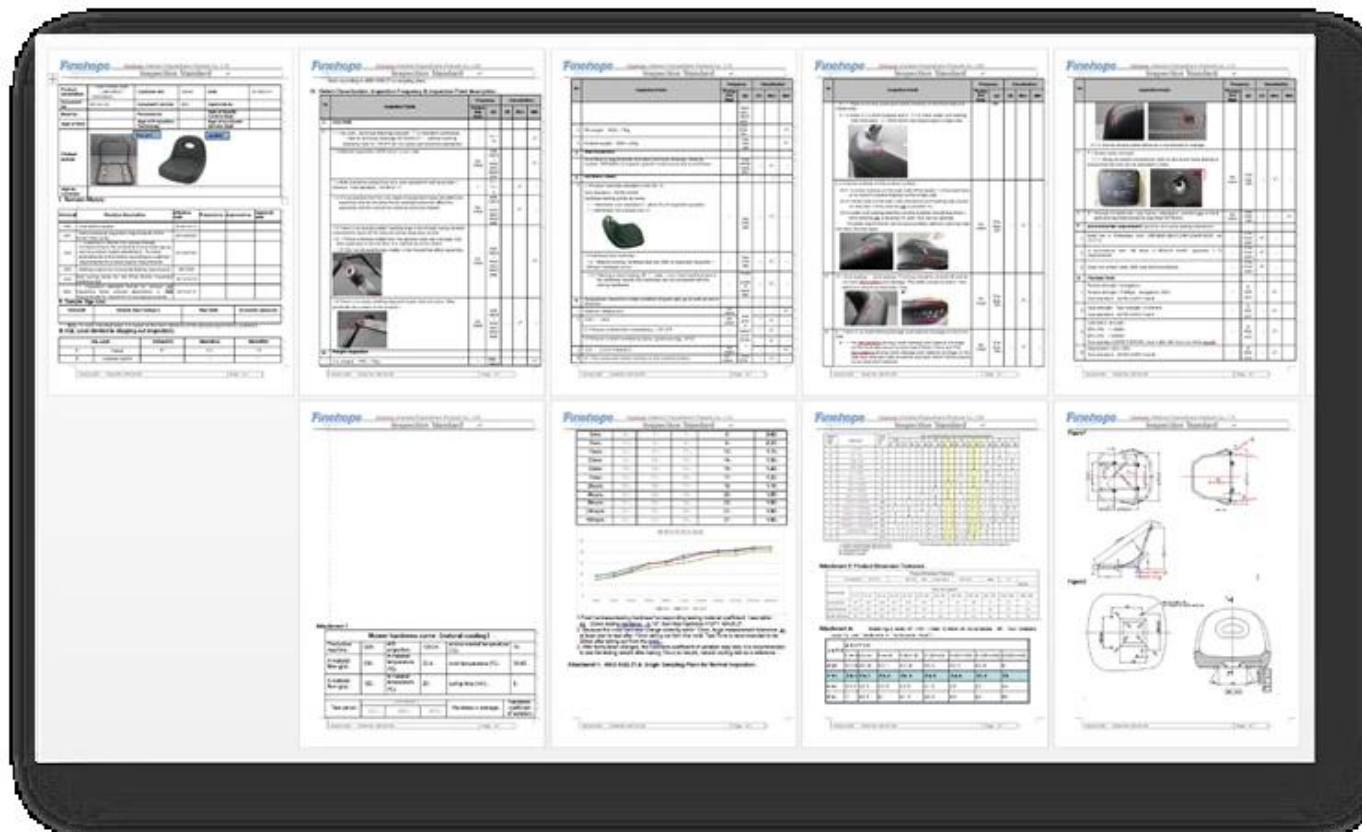
### Tear Resistance Test



### Compressive Strength



### Indentation Force Deflection



**Finehope**

**Test Report** No. CE001457201

Customer: CUSTOMER SERVICE DEPT

The following samples were tested:

Sample Description: 1

Style/Part No.: 2

Other Info: 3

Sample Processing Date: 4

Testing Period: 5

Test Method: 6

1) A01

2) A02

3) A03

4) A04

5) A05

6) A06

7) A07

8) A08

9) A09

10) A10

**Finehope**

**Test Report** No. CE001457201

Customer: CUSTOMER SERVICE DEPT

**Test Result:**

No.	Test Item	Unit	Test Standard	Test Result
1	Thickness	mm	AUTM 00040-0000	mm 6
2	Hardness	HA	AUTM 00040-0000	Test A
3	Specific Gravity	g/cm <sup>3</sup>	AUTM 00040-0000	Test A
4	Tensile	MPa	AUTM 00040-0000	Test E
5	Elongation	%	AUTM 00040-0000	Test E
6	Tear	N/mm	AUTM 00040-0000	Test E
7	Strength	%	AUTM 00040-0000	Test E
8	Resilience	%	AUTM 00040-0000	Test E

PS:

1. In order to make the strength of two of thickness (about 1mm) and have also in one


2. For the specific gravity value in the above actual value of the whole sample

**Finehope**

**Test Report** No. CE001457201

Customer: CUSTOMER SERVICE DEPT

**Picture of testing procedure:**



Hardness Test



Tensile Test


This picture is only used for reference.

**Finehope**


**Test Report** No. CE001457201

Customer: CUSTOMER SERVICE DEPT

**Picture of testing procedure:**



Density Test




Tensile Test

**Finehope**

**Test Report** No. CE001457201

Customer: CUSTOMER SERVICE DEPT

**Picture of testing procedure:**



Resilience (Ball Rebound) Test

"End of Report"

## Processo di pianificazione della qualità del prodotto avanzato (APQP)

Il processo APQP fornisce coerenza attraverso l'industria automobilistica e consente a tutti i fornitori di livello di livello Parla la stessa lingua durante il processo di sviluppo. Senza un comune. Le lingue Finehope Designs non sarebbero altrettanto efficienti e saremmo stati impantanati con numerosi incontri che cercano di spiegare il nostro lavoro e ciò che è necessario. L'APQP. Il processo fornisce Finehope gli strumenti e le procedure comuni che dobbiamo sviluppare pienamente e lancia un prodotto con l'industria automobilistica e incontrare tutti i governi requisiti.

**Finehope**

**Advanced Product Quality Planning**

Date: 01-Oct-17

<p><b>Customer</b> [Redacted]</p> <p><b>Location</b> New Zealand</p> <p><b>Customer Code</b> G1019</p> <p><b>Risk Assessment</b></p> <p><b>New:</b> Site <input type="checkbox"/> Technology <input type="checkbox"/> Process <input type="checkbox"/></p> <p><b>Other Risks:</b> <input type="checkbox"/></p>	<p><b>Project</b> [Redacted]</p> <p><b>Finehope Contact</b> Wendy Yang</p> <p><b>Part No.</b> [Redacted]</p> <p><b>Part Name</b> G1019Y04</p> <p><b>Change Level/Date</b></p> <p><b>User Plant(s)</b> Finehope</p>
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Core Team Members	Company/Title	Phone/Fax/E-Mail
Tiger Xu	G.M.	[Redacted]
Yibin Lim	Vice G.M.	[Redacted]
Cindy Wu	Sales Manager	cindy@finehope.com
Liangquan Wan	Project Manager	[Redacted]
Wendy Yang	Sales	wendy@finehope.com

Build Level	Material Required Date	Quantity	No. Concurrent	
			SRCs	Majors
Product Design and Development	21-Jun-21	10		
Product and Process Validation	25-Jun-21	15		

APQP Deliverable	Finehope APQP Reference Only	G Y R	Project Need Date	Supplier Timing Date	Actual Closure Date	Supplier Lead Resp Initials	Finehope Acceptance Complete	Remarks or Assistance Required
<b>AIAG APQP Phase 2 - Product Design and Development</b>								
1. Project Timeline (Synchronized w/Production Time Plan)	2030	G	20-Jun-21	21-Jun-21	21-Jun-21	22-Jun-21	23-Jun-21	/
2. Customer Inputs / Requirements	2030	G	23-Jun-21	24-Jun-21	24-Jun-21	25-Jun-21	26-Jun-21	/
3. Warranty & Quality Mitigation Plan	2030	G	24-Jun-21	25-Jun-21	25-Jun-21	26-Jun-21	27-Jun-21	/
4. Customer Specific Requirements	2030	G	25-Jun-21	26-Jun-21	26-Jun-21	27-Jun-21	28-Jun-21	/
5. Design FMEA	2030	G	26-Jun-21	27-Jun-21	27-Jun-21	28-Jun-21	29-Jun-21	/
6. Preliminary Bill of Materials (BOM)	2030	G	27-Jun-21	28-Jun-21	28-Jun-21	29-Jun-21	30-Jun-21	/
7. Prototype Control Plans	2110	G	28-Jun-21	29-Jun-21	29-Jun-21	30-Jun-21	1-Jul-21	/
8. Prototype Builds	2110	G	29-Jun-21	30-Jun-21	30-Jun-21	1-Jul-21	2-Jul-21	/
9. Design Verification Plan & Report (DVP&R)	2120	G	30-Jun-21	1-Jul-21	1-Jul-21	2-Jul-21	3-Jul-21	/
10. Design / Process Review	2130	G	1-Jul-21	2-Jul-21	2-Jul-21	3-Jul-21	4-Jul-21	/
11. Team Feasibility Commitment	2130	G	2-Jul-21	3-Jul-21	3-Jul-21	4-Jul-21	5-Jul-21	/
12. APQP Status Sub-Supplier	2130	G	3-Jul-21	4-Jul-21	4-Jul-21	5-Jul-21	6-Jul-21	/
13. Production Drawing & Specifications	2220	G	4-Jul-21	5-Jul-21	5-Jul-21	6-Jul-21	7-Jul-21	/
14. Subcontractor Purchase Orders (Customer Tooling)	2230	G	5-Jul-21	6-Jul-21	6-Jul-21	7-Jul-21	8-Jul-21	/
15. Facilities, Equipment, Tools and Gages	2260	G	6-Jul-21	7-Jul-21	7-Jul-21	8-Jul-21	9-Jul-21	/
<b>AIAG APQP Phase 3 - Process Design and Development</b>								
16. Product/Process and Quality System Review	3030	G	9-Jul-21	10-Jul-21	10-Jul-21	10-Jul-21	11-Jul-21	/
17. Manufacturing Process Flow Chart	3040	G	11-Jul-21	12-Jul-21	12-Jul-21	12-Jul-21	13-Jul-21	/
18. Process FMEA	3100	G	13-Jul-21	14-Jul-21	14-Jul-21	14-Jul-21	15-Jul-21	/
19. Pre-Launch Control Plan	3110	G	15-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21	17-Jul-21	/
20. Process Work Instructions	3120	G	17-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21	19-Jul-21	/
21. Measurement Systems Evaluation	3130	G	19-Jul-21	20-Jul-21	20-Jul-21	20-Jul-21	21-Jul-21	/
22. Packaging Specifications & Approvals	3160	G	21-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21	23-Jul-21	/
23. Manufacturing Team Training	3170	G	23-Jul-21	24-Jul-21	24-Jul-21	24-Jul-21	25-Jul-21	/
<b>AIAG APQP Phase 4 - Product and Process Validation</b>								
24. Subcontractor PPAP Approval	4005	G	9-Jul-21	10-Jul-21	10-Jul-21	10-Jul-21	11-Jul-21	/
25. Production Control Plan	4008	G	11-Jul-21	12-Jul-21	12-Jul-21	12-Jul-21	13-Jul-21	/
26. Production Readiness Review (PRR)	4009	G	13-Jul-21	14-Jul-21	14-Jul-21	14-Jul-21	15-Jul-21	/
27. Production Trial Run (PTR)	4010	G	15-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21	17-Jul-21	/
28. Process Capability Studies	4030	G	17-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21	19-Jul-21	/
29. Production Validation Plan & Report (PV&R)	4090	G	19-Jul-21	20-Jul-21	20-Jul-21	20-Jul-21	21-Jul-21	/
30. Production Part Approval (PPAP)	4110	G	21-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21	23-Jul-21	/
<b>AIAG APQP Phase 5 - Feedback, Assessment and Corrective Action</b>								
31. Initial Production Shipment	5005	G	28-Jul-21	30-Jul-21	30-Jul-21	30-Jul-21	31-Jul-21	/
32. Production Ramp-up Plan	5005	G	31-Jul-21	2-Aug-21	2-Aug-21	2-Aug-21	3-Aug-21	/
33. Full Production Date	5005	G	5-Aug-21	7-Aug-21	7-Aug-21	7-Aug-21	8-Aug-21	/
34. Conduct Lessons Learned	5005	G	8-Aug-21	10-Aug-21	10-Aug-21	10-Aug-21	11-Aug-21	/

Molti clienti scelgono Finehope è il loro partner perché Finehope segue il processo APQP, permettendo loro di partecipare al progetto durante tutto il processo, vedere sempre il progresso del progetto e la garanzia della qualità di ciascuno collegamento.

## Modalità di errore ed effetti Analisi (FMEA).

La FMEA è utilizzata da entrambi Ingegneri di progettazione e produzione (DFmea e PFmea) per guardare potenziali problemi con un design o un processo determinano la gravità del problema, la frequenza può verificarsi e se il problema può essere rilevato o meno e applicare i punteggi a ognuno. Quando l'analisi FMEA è completata i problemi di punteggio elevati sono quindi Rivistiti e corretti o corretti sono fatti per mitigare tali rischi.

Finehope Project Manager. Wan ha detto: "FMEA aiuta il progetto a evitare molti errori e aiutato i clienti Salva il nuovo ciclo di sviluppo del progetto ".



## Design Failure Mode and Effects Analysis (Design FMEA)

FMEA No.:  
DFMEA-001

Page: page 1, totally 3 pages

Made: Xiaodong Qiu

FMEA Date: Nov.10th.2015

Project Name: Injection moulding

Procedure responsible dept: Production Dept

Model year/vehicle types: CRV

Soybean Milk Maker

Important date: Nov.10th.2015

People participated: Develop dept:Gaolin Wei

Sales:Haiyan Wu

PC:Jiannan Yan

Technology Dept:Jianyu Zhou

Purchaser:Yuanyuan Gou

Production dept:Shuwen Dong

QC:Bingxiang Zheng

procedure function requirements	Potential failure mode	Potential effects analysis	severity (S)	grade	potential causes/mechanisms of failure	frequency (O)	Current prevention process control	Current detection process control	detection (D)	RPN	recommended measures	Responsibility and target completion date	action results
scyphus	size changes of handle	handle cover fall off	6	A	PP size change	6	By adjusting the product of the injection molding process, and measure or test the clasp of product size	measure and test product size	3	108	Add the number of button bit in handle design, in order to keep the connection strength	Xiaodong Qiu 2015/08/25	By adjusting the product of the injection molding process, and measure or test product size
scyphus	warping of scyphus handle	Poor appearance break	4	C	high handle wall	6	Add the stiffener to handle wall to prevent deformation	measure and test product size	2	48	If this problem appears, make improvement by Adding the stiffener	Xiaodong Qiu 2015/09/30	Add the stiffener to handle wall to prevent deformation
scyphus	Deformation of cup-mouth	Micro switch without power	8	A	PP material deformation. Resulting in a perpendicular direction to connect the cup and handle inward deformation. So that both sides of the tilt, the micro switch column opposite sink, and	3	Adjust the injection molding process, to prevent extrusion	measure and test cup-mouth size	3	72	in the cup packing control the direction of the lateral dimension of no force, stipulate the way of packing	Xiaodong Qiu 2015/09/10	stipulate the cup use egg cell methods to put the packing which do not squeeze each other

H-R-P-001-1

## Process Failure Mode and Effects Analysis (PFMEA)

FMEA No.FMEA20150325-01

Page 3

Maker:Wenrong-Huang

FMEA Date (Original):2015.03.25

Item:Welding Improvement

项目:焊接改善

Process Responsibilities: Production welding group

过程职责: 生产组焊接组

Model year/project

型号年/项目

Key Dates

关键日期

Item 项目	Potential failure mode 潜在失效模式	Potential consequences of failure modes 失效的后果/潜在后果	Severity 严重度	Grade 等级	Potential causes of failure 失效的潜在原因	Occurrence degree 发生度	Current process control and Prevention 现行过程控制/预防	Current process control detection 现行过程控制检测	Detection rate 检测率	RPN	Suggest measures 建议措施	Responsibility and target completion date 职责及目标/完成日期	Measure results 措施结果
Clamping (clamping required is in place, no missing or wrong loaded) 锁紧 (锁紧需到位, 无漏装, 错装)	Clamping is not in place 锁紧不到位	Size NG 尺寸NG	6	B	● Staff negligence 人员作业疏忽 ● Fixture for bad 夹具定位不良	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准, 定期保养, 维护	● Visual inspection 目视检查 ● Finished 100% full inspection 完成100%全检	6	144	● Pre-service training of staff 人员岗前培训 ● Regular maintenance 工器具定期维护		6 3 4 72
	Welding error, leak, deviation, affect the assembly or use function 焊接错误, 漏装, 偏差, 影响装配或使用功能		8	A	● Staff negligence 人员作业疏忽 ● Fixture for bad 夹具定位不良 ● Fixture inaccurate 夹具定位不准确	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准, 定期保养, 维护 ● Regular checking of fixture 对夹具定期点检	Visual inspection 目视检查	6	192	● Pre-service training of staff 人员岗前培训 ● Regular maintenance 工器具定期维护 ● Make inspection checklist for fixture 制定夹具点检表		8 3 4 96
	Attachment missing 附件漏装	Affect product strength or influence the assembly 影响产品强度或影响装配	8	A	Staff negligence 作业人员疏忽	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检查	4	96	Final inspection personnel do 100% full inspection for each bead with mark 最终人员100%全检, 并做标识		8 2 2 32
	Attachment error 附件错装	Influence assembly 影响装配	7	A	No mistake proofing fixture 并无防错装置	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检查	5	126	● Increase the mistake proofing devices 增加防错装置 ● Inspection for final inspection tools 对最终检验工具		7 2 4 56
False welding 假焊	Lack of strength, affect the use of function 强度不足, 影响使用功能		9	A	Current, voltage, welding angle, speed setting is not reasonable 电流, 电压, 焊接角度, 速度设定不合理	4	● Welding process guidance making 制作焊接工艺指导书 ● Condition confirmation check 加工条件确认表 ● Confirm the failure test on a regular basis. 定期进行失效测试	Destructive testing 破坏性试验检测	8	288	After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed. 流程设置完成后需确认加工条件, 并做失效测试		9 3 4 108



## Production Device <<<



Reaction Injection Molding (RIM)  
High Pressure Machine  
KRAUSS MAFFEI  
Made in Germany!



### **Krauss Maffei.**

Finehope ha ha introdotto successivamente molti dei Kraussmaffei tedeschi più avanzati del mondo  
Macchine per iniezione ad alta pressione dal 2010.



### **Auto-inventato linea di produzione completamente automatica**

Finehope ha Sviluppato indipendentemente un numero di produzione di iniezione di PU completamente automatica linee dal 2010. Queste linee di produzione riducono i costi di produzione e si incontrano Requisiti di consegna del cliente.

0.



### **Robot di saldatura**

Dal 2016, Finehope ha Continua a acquistare robot di saldatura e giradischi automatici per i giradischi per Parti metalliche di saldatura. L'elaborazione indipendente degli accessori consente di risparmiare il In attesa del costo del tempo e degli appalti del trattamento in outsourcing.





### **Macchina cnc.**

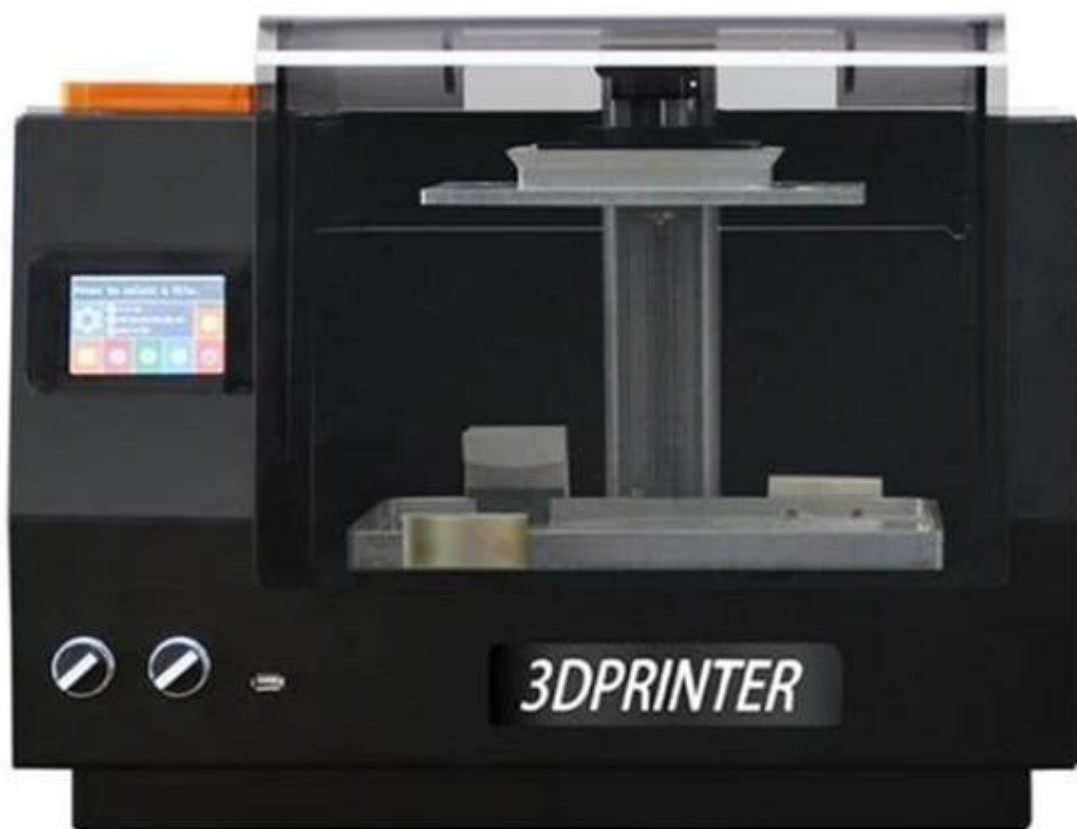
Finehope ha continuato a Acquistare apparecchiature CNC dal 2016. CNC (computer controllato numericamente) La lavorazione è un processo di produzione in cui software per computer pre-programmato Detta il movimento degli strumenti e dei macchinari di fabbrica. Usando questo tipo di La macchina contro la lavorazione manuale può causare una migliore precisione, aumentata Velocità di produzione, sicurezza avanzata, maggiore efficienza e soprattutto, Aiuta i clienti a risparmiare sui costi e migliorare la qualità del prodotto.



### **Agente di rilascio della muffa Robot di pittura**



Dal 2019, Finehope ha Robot acquistati per spruzzare agenti di rilascio dell'acqua per migliorare il funzionamento Ambiente, migliorare la qualità di spruzzatura e l'utilizzo dei materiali e ridurre costi del lavoro.



### **stampante 3d**

Finehope è iniziato Acquista stampanti 3D nel 2015. La stampa 3D può realizzare una prova rapida di nuovi Prototipi del prodotto e modelli per stampi in resina e possono essere utilizzati anche per Produzione di lotti più veloce e più economica.

### **INOLTRE**

Oltre a quanto sopra, Abbiamo anche più potenti funzionalità di gestione della catena di fornitura di 19 anni, con Supporta attrezzature per l'elaborazione e funzionalità che non elencate sopra. Noi avere regolamenti e requisiti rigidi per la loro revisione della qualifica, Piano di controllo della qualità e gestione batch di qualità in entrata.

Possiamo fare fibre di carbonio, Fibra di vetro, prodotti in legno, hardware, ecc. In grandi quantità, abbiamo Fornitori con qualità e produzione stabile per cooperare.

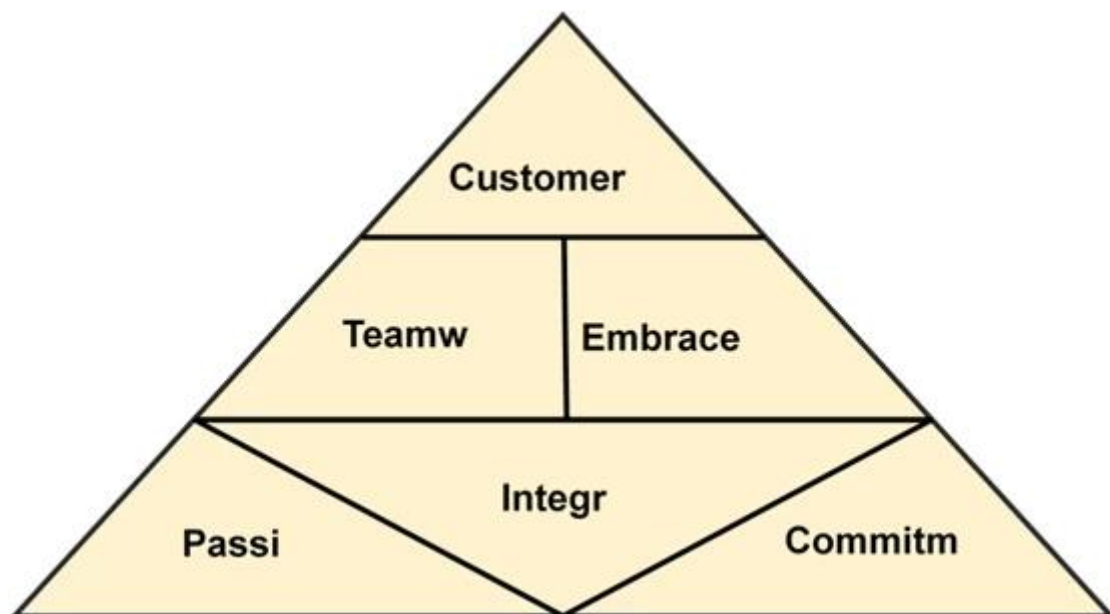
### **Sociale Responsabilità**

- Strictly follow SA8000
- public-spirited



Voluntary tree planting after Super Typhoon Meranti 2016

### UN Azienda basata sul valore



Poliurathane.schiumaprodottiBisogno,benvenutocontattonoi.

Amanda



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