

FINEHOPE

FREE

DMF/ A report

3D Design

Mould

Product Inspection Standard Setting

Free Product Inspection Standard Setting:
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.

Free Mould Opening:
Large order quantity with mould cost free.

Free 3D Design:
Finehope help customer design the desired product or modify the design for free.

Free DFM/A Report:
Finehope will show details and solutions of manufacturability and assemblability through PPT to help customers reduce trouble.



Almofadas de troca personalizadas de alta densidade direto da fábrica para bebê

Categoria: almofada de PU, tapete

Material: Poliuretano PU - Espuma de pele integral

Densidade: 200-250kg/m³

Forma: De acordo com os requisitos do cliente para design de produto e molde personalizado

Cor: preto, cinza e outras cores podem ser personalizadas sob consulta.

Embalagem: caixa padrão

Condições de pagamento: depósito de 30%, pagamento e entrega.

MOQ: 1,000pcs

Local de envio: China • Fujian • Xiamen

Conheça a certificação: RoSH, REACH, EN71-3, ftálico 6P

Outros: fábricas chinesas de OEM e processamento, especializadas na produção de produtos PU, incluindo acessórios (ferro, madeira, plásticos, etc.).



A Finehope obteve o certificado ISO 9001 continuamente desde 2003.

Certificação IATF16949:

A Finehope passou na certificação de sistemas de gerenciamento de qualidade automotiva IATF16949 em 2021. Mais de 50 documentos garantem o progresso do desenvolvimento de novos produtos, a qualidade, o prazo de entrega e o custo dos produtos de teste e produção em massa.

Desde a cooperação entre a Finehope e a Caterpillar em 2007, a Finehope usou o sistema de gerenciamento de qualidade automotiva para a introdução de novos produtos, usando as cinco ferramentas de SPC, MSA, FMEA, APQP e PPAP, que ganharam elogios dos executivos da Caterpillar e estabeleceram um longo parceria de longo prazo até agora.

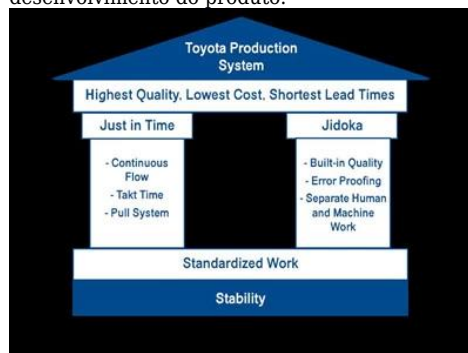
Our Advandages



Recursos de pesquisa e desenvolvimento de matérias-primas de PU

Desde 2002, a Finehope está comprometida com o design e fabricação de produtos de espuma moldada PU. Pesquisa independente e desenvolvimento de materiais de fórmula e capacidade de produção estável são a base para garantia de qualidade.

A Finehope pode ajustar a fórmula do produto a qualquer momento de acordo com as necessidades personalizadas dos produtos personalizados dos clientes, como os requisitos de dureza, elasticidade, suporte, sensação, densidade, cor e outras propriedades físicas e químicas, e pode fazer requisitos de formulação em conformidade com as leis e regulamentos de vários países. Claro, uma boa fórmula também deve considerar o melhor desempenho de custo. Para novos projetos, a capacidade de desenvolver formulações de PU é uma condição fundamental para garantir a qualidade, prazo de entrega e custo do desenvolvimento do produto.



Capacidade de gestão científica

Finehope enfatiza a importância do Sistema Toyota de Produção e do Modelo de Coaching Corporativo para otimizar a eficiência da gestão. Melhoria contínua a eficiência e a qualidade de todos os funcionários, o pessoal de gerenciamento e produção foi aprimorado de forma eficaz e contínua, os custos de gerenciamento e produção foram reduzidos continuamente, mas mais importante do que eficiência e custo é o cultivo do crescimento dos funcionários por meio da melhoria contínua, porque esse é o núcleo do desenvolvimento sustentável corporativo.

Recursos de design e fabricação de equipamentos de automação

A capacidade da Finehope de projetar e fabricar equipamentos de automação é rara na indústria. Ao participar do projeto de novos equipamentos de mistura de injeção de PU e da transformação de automação da linha de produção, para garantir que, sob a concorrência da China, o dividendo demográfico seja reduzido e os custos de mão-de-obra continuem a aumentar, a eficiência da produção também pode ser melhorada, os custos de mão-de-obra e materiais podem ser reduzidos. Além disso, as capacidades contínuas de design e fabricação de equipamentos-chave, como acessórios, equipamentos especiais e moldes automáticos, também são as razões pelas quais a Finehope está em uma posição de liderança em todos os aspectos.

A capacidade da Finehope de reduzir custos continuamente e inovar produtos pode ajudar os clientes a agregar maior valor. Portanto, é um parceiro confiável de longo prazo de muitas empresas da Fortune 500 e empresas líderes do setor.



O refinamento da Finehope reduz o problema para os clientes, porque reduz a negligência no sistema de processo humano e a capacidade de acumular continuamente experiência profissional, o que pode garantir que todos os novos projetos sejam concluídos no menor tempo possível.

Famous customer

Cooperation experience

Engineering Vehicle



Medical Equipment



Baby Supplies



Fitness Equipment



Other



Perguntas frequentes

1. Por que você escolhe Finehope?

Finehope é o fabricante de PU mais profissional da China, que possui uma equipe profissional de P&D, equipamento avançado de produção de PU, equipamento de teste profissional e sistema de gerenciamento de qualidade perfeito. Temos 12 anos de experiência em cooperação com CAT, FIAT, TVH, STIGA e outras empresas famosas. Fornecemos a eles um serviço de uma etapa, de P&D à produção, para satisfazer suas necessidades de personalização.

2. Quais são as vantagens de escolher Finehope?

- 1) garantia de qualidade do produto, garantia de entrega, bom serviço pós-venda.
- 2) eficiência de desenvolvimento rápida e econômica, operação profissional com integridade.
- 3) A Finehope conduzirá todas as análises de teste e, em seguida, elaborará padrões de teste para reduzir a disputa de padrão de qualidade entre clientes e fabricantes.
- 4) Modo de gerenciamento de produção enxuta.
- 5) Ajude os clientes a desenvolver e projetar novos produtos.
- 6) Possui vasta experiência em design e processamento de produtos PU.
- 7) Finehope é uma empresa de alta tecnologia na China com tecnologia doméstica e internacional de patentes de invenção e intelectual propriedade.

3. Quais são as diferenças entre Finehope e pares domésticos?

- 1) Garantia da qualidade: planejamento avançado da qualidade (APQP).
- 2) Finehope tem uma vasta experiência em atender grandes empresas internacionais.
- 3) Possui equipe profissional de pesquisa científica de material de poliuretano.
- 4) Possui capacidade independente de design, fabricação e inovação de equipamentos e moldes de produção.
- 5) Possui equipe de engenheiros responsáveis pelo sistema de garantia de qualidade e controle de qualidade.

4. Quais são as diferenças entre o Finehope e os pares europeus e americanos?

- 1) Possui uma cadeia de suprimentos de suporte perfeita e madura.
- 2) Custos de molde mais baixos.
- 3) Alta eficiência de desenvolvimento e capacidade de design e tempo de processo curto.
- 4) Vantagem de custo e boa atitude de serviço.

5. Quais são as aplicações dos produtos PU?

Carro, máquinas de engenharia, equipamentos de ginástica esportiva, máquinas médicas e utensílios domésticos diários e assim por diante.



About us







Our Certification





Alibaba Verified Supplier Certificate

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.



Integration of 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. It is a proof that Finehope stands out among thousands of small and medium-sized enterprises in the city.



Work Safety Standardization Certificate

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

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 damage and affect delivery.



Xiamen Science And Technology Little Giant Leading Enterprise

Since 2019, Finehope has been selected as the leading company of Xiamen Science and Technology Little Giant. This certificate was jointly issued by five departments of the Xiamen Municipal Government. The selection criteria focus on strategic emerging industries such as a 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.



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 produced by Finehope have obtained foreign government certificates (CFG) and can enter the global market smoothly.



Quality Assurance



UNIVERSAL TESTING MACHINE(UTM)



Tensile Test



Tear Resistance Test

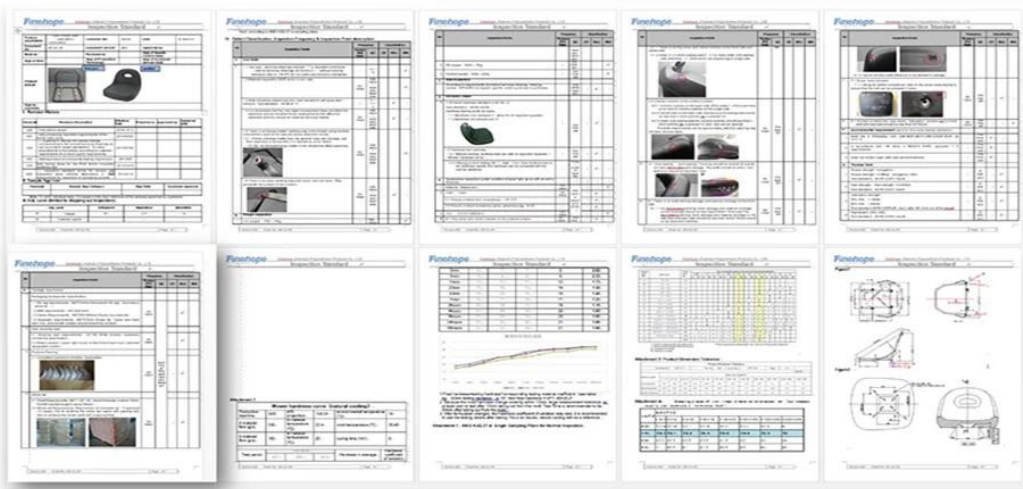


Compressive Strength



Indentation Force Deflection

INSPECTION STANDARD



MATERIAL PERFORMANCE TEST REPORT



Customer			
Location	New Zealand		
Customer Code	G1019		
Risk Assessment	New: Site ☐ Technology ☐ Process ☐ Other Risks ☐		

Project			
Finehope Contact	Wendy Yang		
Part No.			
Part Name	G1019Y04		
Change Level/Date			
User Plant(s)	Finehope		

Core Team Members	Company/Title	Phone/Fax/E-Mail
Tiger Xu	G.M.	
Yibin Lim	Vice G.M.	
Cindy Wu	Sales Manager	cindy@finehope.com
Liangquan Wan	Project Manager	
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
AIAG APQP Phase 2 - Product Design and Development								
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	2080	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)	2220	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	
AIAG APQP Phase 3 - Process Design and Development								
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	
AIAG APQP Phase 4 - Product and Process Validation								
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	
AIAG APQP Phase 5 - Feedback, Assessment and Corrective Action								
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	

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

Product 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/mechanism of failure	frequency (O)	Current prevention process control	Current detection process control	detection (D)	RPN	recommended measures	Responsibility and target completion date	Action Taken	severity (S)	frequency (O)	difficult to check (D)	RPN
scaphus	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	6	1	1	6
scaphus	warping of scaphus 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	4	2	1	8
scaphus	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 bit, 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 packing control the direction of the lateral dimension of no force, stipulate the way of packing	8	1	3	24

H-R-P-001-1

Process Failure Mode and Effects Analysis

(PFMEA)

潜在失效模式和后果分析

FMEA No.FMEA20150325-01

Page 3

Maker:Wenhong-Huang

FMEA Date (Original):2015.03.25

Item:Welding Improvement

Process Responsibilities: Production welding group

Model year/project

Key Dates

Item	Potential failure mode	Potential consequences of failure modes	Severity	Grade	Potential causes of failure	Occurrence degree	Current process control and prevention	Current process control detection	Detection rate	RPN	Suggest measures	Responsibility and target completion date	Measure results	Severity	Incidence rate	Detection degree	RPN
Request	Size/NG	Size/NG	6	B	● Staff negligence ● Failure for bad ● Failure for bad	4	● Make the operation standard book ● Make maintenance standards, regular maintenance ● Make the operation standard book	● Visual inspection ● Finished 100% full inspection ● Visual inspection	6	144	● Pre-service training of staff ● Regular maintenance ● Make inspection checklist for future			6	3	4	72
Clamping is not in place	Welding error, leak welding, affect the assembly or use function	Welding error, leak welding, affect the assembly or use function	8	A	● Staff negligence ● Failure for bad ● Failure inaccurate ● Failure inaccurate	4	● Make the operation standard book ● Make maintenance standards, regular maintenance ● Regular checking of future	Visual inspection	6	192	● Pre-service training of staff ● Regular maintenance ● Make inspection checklist for future			8	3	4	96
Attachmate missing	Affect product strength or influence the assembly	Affect product strength or influence the assembly	8	A	Staff negligence	3	Make the operation standard book	Visual inspection	4	96	Final inspection personnel do 100% full inspection for each bead with man			8	2	2	32
Attachmate error	Influence assembly	Influence assembly	7	A	No mistake proofing future	3	Make the operation standard book	Visual inspection	6	126	● Increase the mistake proofing devices ● Inspection for final inspection tools			7	2	4	56
False welding	Lack of strength, affect the use of function	Lack of strength, affect the use of function	9	A	Current, voltage, welding angle, speed setting is not reasonable	4	● Welding process guidance ● Condition confirmation check ● Confirm the failure test on a regular basis	Destructive testing	8	288	After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed			9	3	4	108

Production Device

KRAUSS MAFFEI

Finehope has successively introduced many of the world's most advanced German KraussMaffei high-pressure injection machines since 2010.



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



Self-invented fully automatic production line

Finehope has independently developed a number of fully automatic P-U injection production lines since 2010. These production lines reduce production costs and meet customer delivery requirements.



Welding Robots



Since 2016, Finehope has continued to purchase welding robots and automatic fixture turntables for welding metal parts. The independent processing of accessories saves the waiting time and procurement cost of outsourcing processing.

CNC Machine

Finehope has continued to purchase CNC equipment since 2016. CNC (Computer Numerically Controlled) machining is a manufacturing process in which pre-programmed computer software dictates the movement of factory tools and machinery. Using this type of machine versus manual machining can result in improved accuracy, increased production speeds, enhanced safety, increased efficiency and most importantly, help customers save costs and improve product quality.



Mould Release Agent Painting Robot



Since 2019, Finehope has purchased robots for spraying water-based release agents to improve the working environment, improve spraying quality and material utilization, and reduce labor costs.

3D printer

Finehope started to purchase 3D printers in 2015. 3D printing can realize rapid proofing of new product prototypes and templates for resin molds, and can also be used for faster and cheaper small batch production.





Social Responsibility

- **Audited by Sedex**

(Supplier business ethics information
exchange)

Labor standard · health and safety · Environmental
protection · Business ethics practice

- **Public-spirited**



Voluntary tree planting after Super Typhoon Meranti in 2016

A VALUE-BASED COMPANY

CUSTOMER FIRST

TEAMWORK

EMBRACE CHANGES

PASSION

INTEGRITY

COMMITMENT

Precisa de produtos de espuma de poliuretano, seja bem-vindo, entre em contato conosco.

Amanda



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