Shoe Mould  Mould Industry

3D DIGITIZING TECHNOLOGY
Shoe mould is the core for the shoe industry. The traditional shoe mould companies can hardly meet the fast shoe styles changing requirements with their old design skills and equipments.

With Shining3D-Scanner, shoe sole, shoe tree, shoe mould, human feet can be scanned quickly to obtain the point cloud data of the object surfaces. CAD 3D data mould can be secured after the data is processed. This can be applied in various areas such as shoe sole, shoe tree mould design, 3D inspection, quality control, customized order, etc.
Nowadays, people not only pay attention to the beautiful outlook of the shoes, but also the shoe sole functions and comforts. In order to meet this demand, the design and manufacturing technique on the shoe sole and shoe heel must be improved drastically. The application of 3D measuring technique in the shoe sole, shoe heel design and development indicates the new era of shoe design industry.
Rapid Feet 3D Measurement

Customized shoe making is expected to be a trend in the coming future. Shining3D-Scanner is competent for the precise 3D measuring at the beginning of the customized order. In addition, the 3D feet data can be stored with the help of database storing function, supplying the shoe design process with more reliable data support.

Shoe-last Rapid 3D Measurement & Inspection

With Shining 3D’s special 3D digitizing comprehensive solution for the shoe mould industry, shoe-last digitizing technology and CNC shoe-last machine can make a complete package. We can set up the customized shoe-last data base, combing the feet scanning and the shoe-last design and production. Based on the customers’ special requirements, we can carry out modifications conveniently through the human-machine interactive interface, making sure that all the customers’ requirements can be met in terms of size, physical features, etc. Thus, the customized order cycle can be dramatically shortened.
Rapid Manufacturing Service Center

Introduction

Hangzhou Rapidise Co., Ltd., which is the Hangzhou Center of National Engineering Reasearch Center of Rapid Manufacturing with advanced innovative rapid manufacturing technique and industrial design platform, belongs to Hangzhou Shining 3D Tech Co., Ltd. We specialize in offering comprehensive solutions like 3D measurement, quality inspection, industrial product design, product rapid development, rapid manufacturing, rapid modeling, rapid casting and manufacturing process development, etc. We are provided with hi- end rapid manufacturing and precise mold manufacturing equipment. With professional technical team, and strict quality inspection system, our quality product and one- stop good service have gained great reputation and recognition from the customers.

Technical Advantages

The technology of rapid prototyping and rapid manufacturing is a new mode for product development and production, which can be widely applied in the industry areas of aerospace, car & shipping, model, electronic appliance, medical & health, literature & art and daily consumer goods. Compared with the traditional technology, this new technology can help reducing the development and production cycle to 1/3 or even 1/10, save the costs to 70% to 50%. As a result the mechanical processing efficiency has been improved by 3 to 5 times. With the development of society, the technology of rapid prototyping & rapid manufacturing together with 3d scanning, detection, and customized design have been applied and developed more and more widely in the modern advanced manufacturing technology times.

Shining 3D Rapid Manufacturing Service Center owns complete equipments and comprehensive technology. The company consists of vacuum type engineering department, rapid prototyping engineering department, reaction injection molding department, CNC processing engineering department, rapid casting engineering department, quality control department, post- processing engineering department and painting room. Thus it can provide one- stop prototyping & manufacturing services for customers to help shortening the development and production period of new products and decreasing the cost. It will definitely enhance the competitive ability of your company.

New Product Rapid Development Procedure

Rapid Prototyping/Rapid Manufacturing Samples

Shoe sole samples of SL technique

Comparison between VCM and SL technique sample:
Company Profile

Hangzhou Shining 3D Tech Co., Ltd is a leading high-tech enterprise specialized in providing a whole 3D digitizing solution. Shining 3D now owns various proprietary intellectual property rights, including Rapid 3D imaging, Large-scale 3D measuring, 3D dynamic display, High precision modeling & reconstruction and so on. The White light 3D digitizing technology has advantages of high efficiency and high accuracy, now is widely used in fields of 3D measurement, reverse engineering, 3D inspection, customization, rapid prototyping, 3D display, 3D digital entertainment, etc.

Shining 3D manufacture system is strictly based upon ISO9001 and ISO14000, maintains standard and scale manufacturing & QA guarantee system, offers security of quality stability and manufacturing efficiency.

Aiming at creating value for customers, Shining 3D provides 3D digitizing solution with higher precision, efficiency and stability to many industries in global market. Nowadays, our 3D products are applied in more than 50 countries and regions, such as USA, Europe, Southeast Asia, Middleeast, Oceania, etc.

Company Honor

- National Innovative and High-technology & Software enterprises
- Undertake national large project of new product & innovation fund projects
- R&D Center of 3D Imaging in Hangzhou
- Undertake more than 10 research projects in China
- Pass the ISO9001 comprehensive quality system & ISO14000 environmental quality system authentication
- Gain CE, FCC & FDA certification

SHINING 3D®    HANGZHOU SHINING 3D TECH CO., LTD.

Contact Us

Address: 18th Floor, Block A, HuaRui Center, No. 66, JianShe Yi Road, Xiaoshan, Hangzhou, China
Tel: +86- 571- 82999050
Fax: +86- 571- 82999539
Post Code: 311215
Email: sales@shining3d.com
Web: www.shining3d.com

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