

Industrial 3D Printing for Optimization & Customization



Sindoh Wisdom3D® - 3D Cell Monitoring System

"Give it a green light as it's ready to go any time"

- ① 3D Printer Mgmt (Product Type, Qty, Location, Status Monitor)
- ② 3D Printer Real Time Monitoring on Filament and Usage Status
- ③ Print Status and Result Monitoring per Device/Machine
- ④ G-Code file upload and Remote Print Function

HIGH SPEED 3D PRINTING

It's proud to develop the highest speed (300mm/sec) among existing FDM / FFF machines. Significantly reduced output and working time with doubled -up eight (8) spool. (Build Size: 740 x 490 x 150)

OPTIMIZATION & CUSOMIZATION

A tailor-made machine for a purpose desired by the client / customer. (7X model is ready-made) Depending on the material and application it is to increase productivity with the optimal design for technical requirements.

FARM/CELL MONITORING

It is equipped with a Web monitoring system WISDOM3D®, so you can check out the machines' working status in real time by mode.

Click on to watch video clips how it works

1. [The Application Use Case: Jigs & Fixtures process](#)
2. [The Machine Introduction: Prototyping build-up](#)

Company

Cxxx Co., Ltd.

Industry

Manufacturing Factory

Cxxx Co., Ltd. – Introduction

Cxxx Co., Ltd, which has been driving only the shoemaking industry for 40 years since it has set up as Dxx Trading in Busan, Korea in 1981, has grown as the best sports shoes company leading the industry as a partner of X company, the global leading sports brand, based on the best technology.

Solution

- It is a 3D machine for different jigs & fixtures components including various sizes, shapes, designs, men's, women's and children's.
- It is a reusable, eco-friendly material that eliminates the risk of industrial waste that is essential to the manufacturing site.
- WISDOM3D® is effective in saving labor costs and increasing efficiency by monitoring and supervising work status 24 hours a day.

It has been producing and supplying the best footwear of X to the global market with the continuous technology leadership and quality assurance since its foundation.

Innovation of Cxxx Co., Ltd to be re-born as a 21th century the world first & the best company will be foot-stepped with Sindoh's tailor-made 3D printing solution.

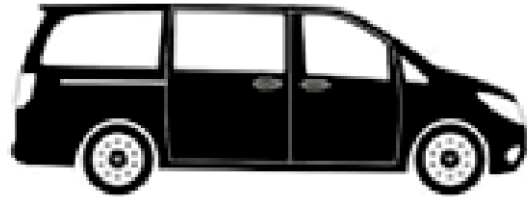
CHANGES IN MANUFACTURING WITH **SUPPLY CHAIN MANAGEMENT**

- TIME & COST SAVINGS, LIGHTWEIGHTING AND ECO-FRIENDLY -



Customization

Unlike conventional mass production, it is possible to build a variety of materials and functional 3D printing farms / cells optimized for small batch production (small quantity) that can be personalized and customized.



Production Efficiency

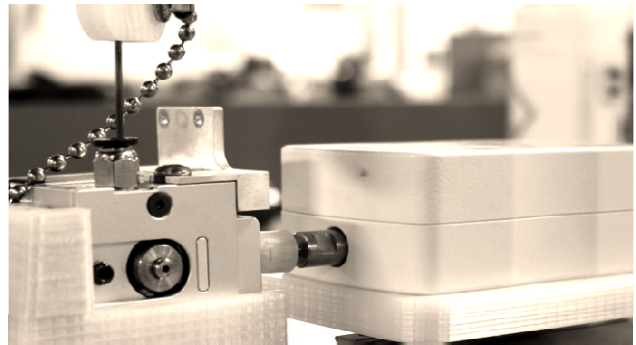
It replaces conventional wooden/urethane jigs & fixtures, which is effective in reducing cost and production time saving. In addition, the weight is significantly reduced, and the workability on the production line is excellent.

Reusability

PLA is an eco-friendly, biodegradable material, and is a waste and renewable filament unlike traditional wood production tools. Meet eco-friendly and harmless factories!



Automotive interior and exterior materials



3D Printed Jigs and Fixtures for shoemaking



About Sindoh

Founded in 1960 with a printing heritage of innovations including photocopier, faximilie and digital multi-function products(MFP), Sindoh is the very first Office Automation solution provider with number one (1) market share - M/S(%) No.1 – 2D & 3D printing player in Korea.

It, 60year history company in Korea, has long-term product & technology road map trying to catch up fast in the 3D printing global market. For personal/desktop line up is focused on, simplified & automated, Plug & Play, easy to use (user-friendly UX) – ready-made standard products – and Professional/Industrial models are customization & optimization i.e. tailor-made machines depending on application needs in the field. As a ICT strong country, software compatibility is something that it is proud of. A to Z for 3D printing. It started with FDM, SLA now, SLS soon in 2nd half of 2020 and SLM metal in a few years (product lineup coverage).



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