



TOKYO RICH INDUSTRY (THAILAND) CO., LTD.

COMPANY PROFILE: TOKYO RICH INDUSTRY (THAILAND) CO., LTD.

| Company Name | TOKYO RICH INDUSTRY (THAILAND) CO., LTD. |
|--|---|
| Address | 49/4 Moo 6 Kubangluang Ladlumkaew, Pathumthani 12140, Thailand |
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| Fax | 66 (0) 2979 4440 |
| Website | http://www.trico.co.jp/ |
| Key Personnel | President Kenzo Yonemori Director Ryuichi Kumagai |
| Nature of Business | We are specializing in Prototype and Master Piece Products:- |
| | * Head lamp and Rear combination lamp for automobiles* Pipe parts for automobiles* Master Model |
| Main Shareholders/Parent Company | Tokyo Rich Industry Co., Ltd |

Our Products









Head lamp & Rear combination lamp for automobiles

Lens material; expoxy resin.

Reflector parts material: urethane resin.

Master model is manufacutured by optical molding and MCtechnologies

In special occasion, silicone mold technology can be used for production of master models

Pipe parts for automobiles

Material: polyurethane rubber resin.

Master models are manufactured by optical molding technology. They are called silicone molds. Then, silicone molds are used to manufacture actual products.

Master Model



Material: UV resin by SLA machine

Rapid prototyping is a techniques used to quickly fabricate a scale model of a part assembly.

Material: Acrylic ABS POM Bakelite Wood



and other by CNC machines, maximum finish tool, R=0.1





Material: Urethane resin

Automotive Parts Assembly

Master model from CNC machines

and SLA and silicone mold used for products.



CAD CATIA V5

Equipment

STL data editor

3

1

CAM SPACE-E and NX

2









and Assembly Receive data from customers **Input data** through on-line.

Planning of the processing method

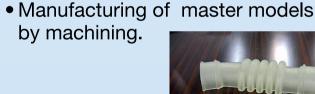
 Creating NC data (for machining) Creating laminating data (STL) for optical rapid molding machines

3-dimensional-CAD data

SLA or/and MC

Adjustment

 Manufacturing of master models by optical rapid molding.



Surface treatment

Inspection



Pre-heated

Weighting

Color coordination

 Compound liquid resin Liquid resin Injection Remove air-bubbles

Taping

Take off support

 Cleansing Paper polish

Painting

The master models manufactured by the SLA



Prepare Die

Teeming liquid resin



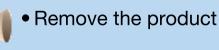




Open die







Surface treatments

Partial adjustment













Nest top manufacture

Planning of the manufacturing method

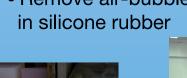






Gate setting

 Measurement Remove air-bubbles





Placing master model



Cut and open silicone

die







Remove master