



Company Background

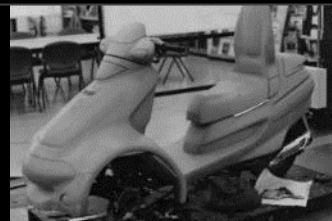
History

1984

Company founded 公司創立



Strategic alliance with **YAMAHA TAIWAN**
YAMAHA 2輪事業部策略聯盟



1990

CNC workflow introduced
CNC工作模式導入



1996

Head/ tail lamps mockups
頭尾燈逼真模型製作工藝導入



2000

Strategic alliance with **KOITO**
上海小系車燈策略聯盟



2005

Formal prototype supplier
a Japanese car manufacturer



2005

Tokyo Motor Show concept car for **FORD**
福特東京車展概念車製作



History

2007 ISO/TS 16949 introduced

2009 **SUZUKI SX4 and SWIFT special edition**
鈴木 SX4 & SWIFT 特別仕様車 設計開發

2009 **Tokyo Motor Show** concept car for **FORD**
福特 東京車展展車

2009 **Shanghai Motor show** concept car for **LUXGEN**
納智捷上海車展 電動概念車製作

2010 **Tier one** supplier for **CHINA MOTOR**
中華汽車一階供應商

2012 **5 Axis CNC machine** joined the service
5軸加工服務導入

ODM project for **NISSAN Taiwan** constantly
裕隆日產常態性設計工作

current **Tier one** supplier for **NISSAN Taiwan**
裕隆日產一階供應商

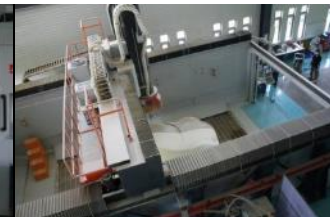
ISO/TS 16949



LUXGEN



中華汽車



裕隆汽車

- Area : 15,000 square meter
- High speed CNC machine ,30 sets
- 3 axis 5 side machine : 4 sets
- 5 axis CNC machine * 1 set
- EDM machine * 3 sets
- Injector: 2200T * 1 set
- Injector: 1600T * 1 set
- Injector: 1000T * 1 set
- Injector: 600T * 1 set
- Injector: 80T-420T * 7 sets
- 3 dimension platform
- Dust-free painting room
- Car painting booth * 3 rooms , automatic robot arm painting line
- Assembly line * 3





5 Axis CNC



SALT SPRAY TESTER



PROGRAMABLE
TEMP & HUMI CHAMBER



XENON ARC
WEATHER METER

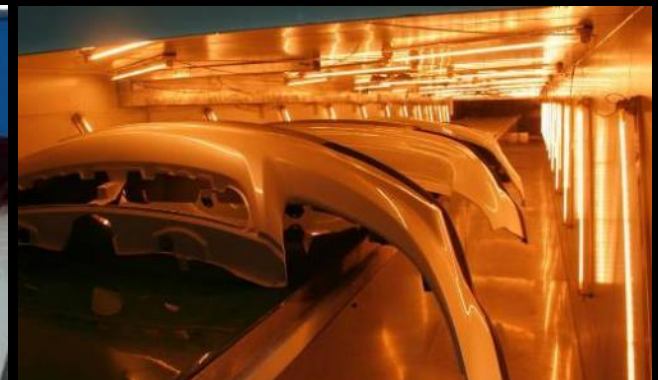


THERMAL SHOCK
TESTER



IR CHAMBER

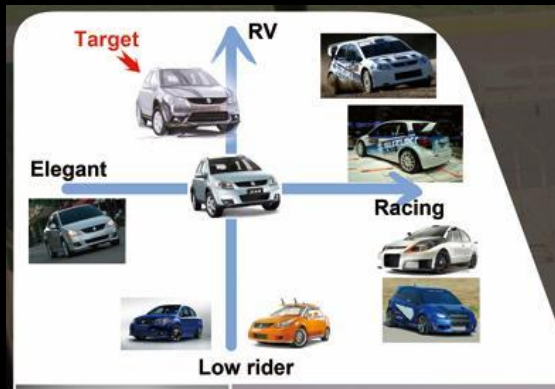
Painting



Facilities

Our service

- Design
- Engineering
- CAD/CAM
- Prototyping
- Tooling
- Production



Work flow of automotive design development

Concept

Communication
Ideation
Theme study

Visualize

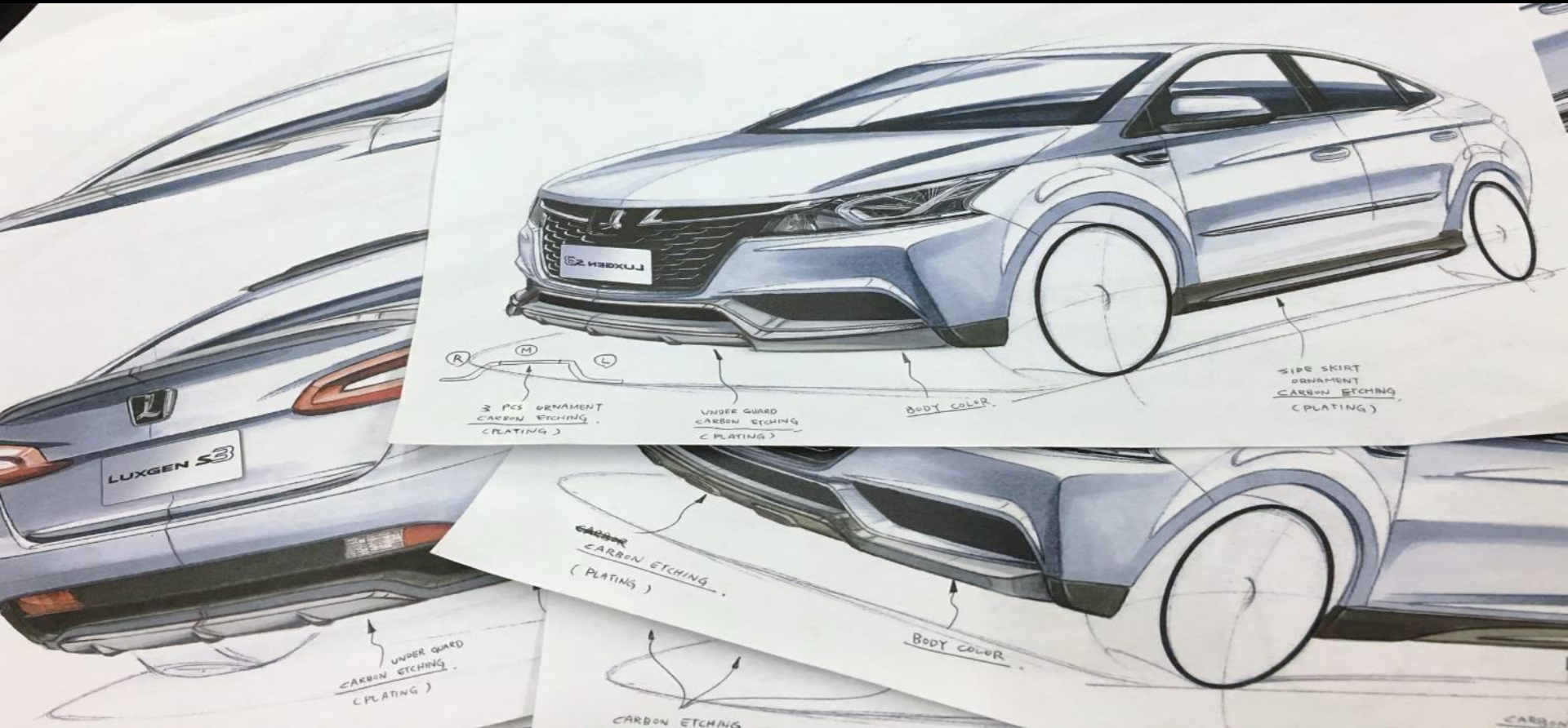
Idea sketches
CG Rendering
Communication
3D surface data

Mockup

Engineering
Examination
Modification

Production

Rapid-Tooling
Injection
Delivery



Design Portfolio

Design proposal



原案



三圖案



Design proposal



原案



三圖案



Design proposal

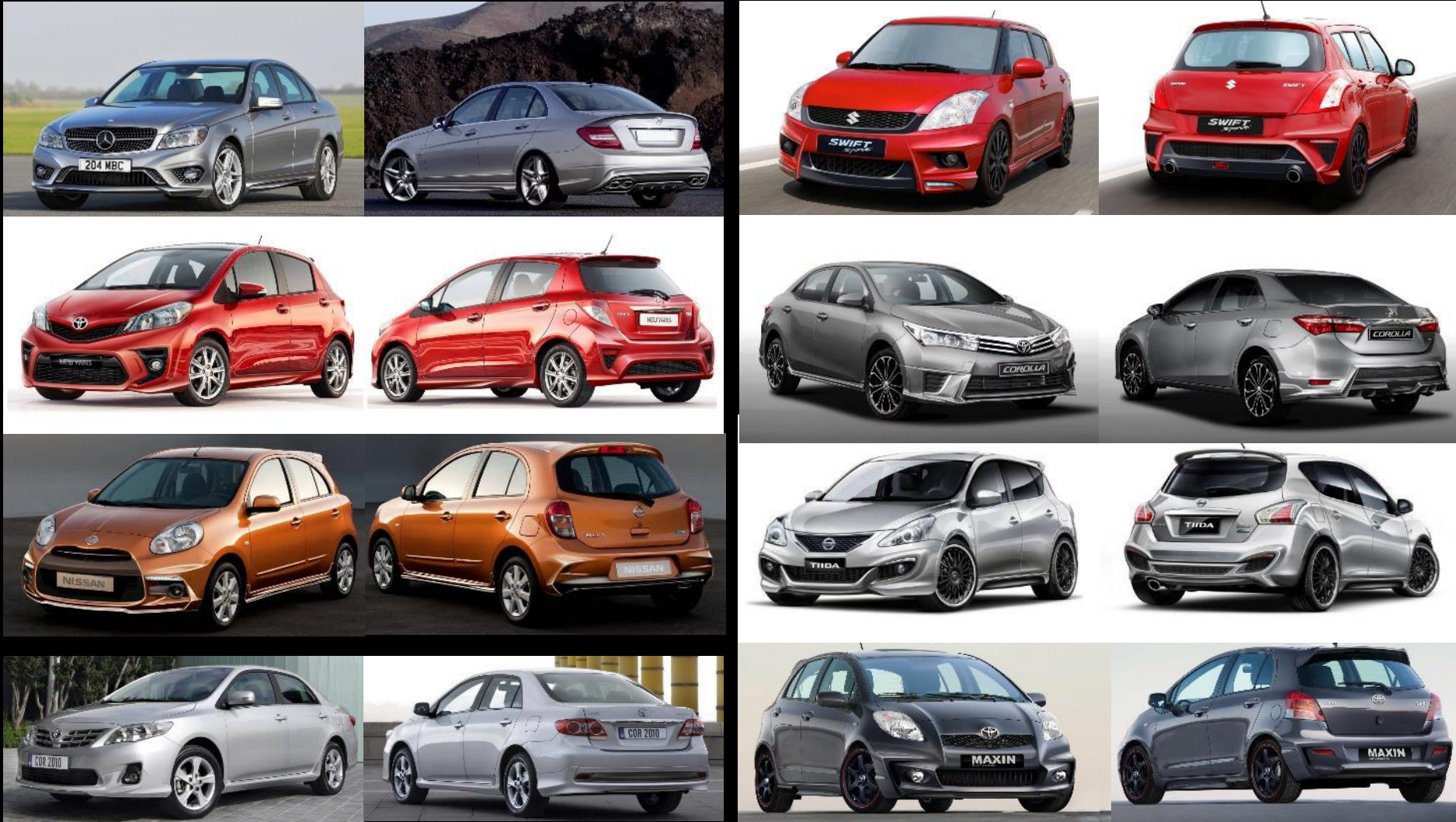
原案



三圓案



Design proposal

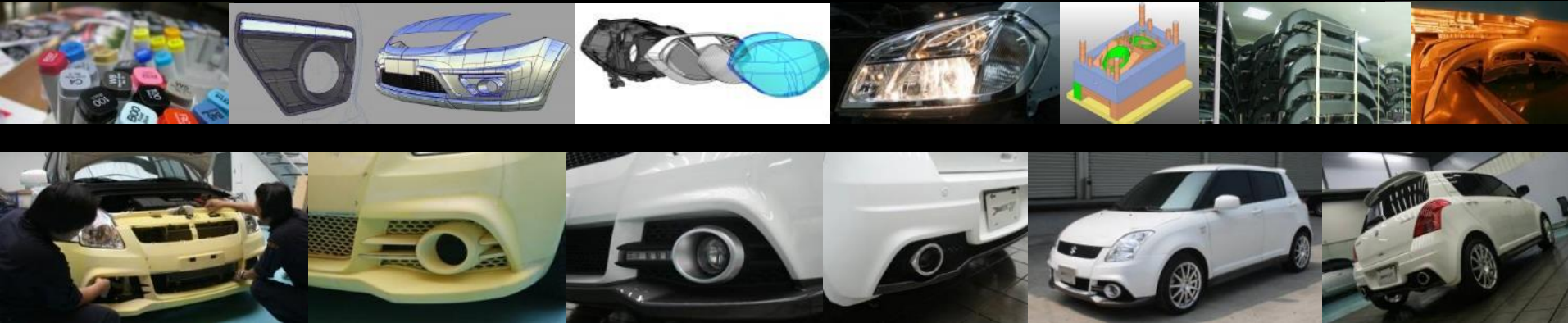


And a lot more...

Facilities

Our service

- Design
- Engineering
- CAD/CAM
- Prototyping
- Tooling
- Production



Prototyping

Prototyping

Work flow of automotive mockups

Instruction

Color/Trim
Quotation
Design conference
Orders confirm

Digital stage

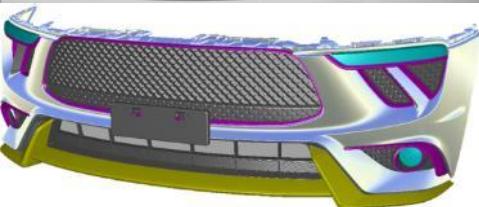
Design conference
Encrypted network
CAD/CAM
CNC

Assembly 1

Styling check
Modification
Handcraft
Model Pre-fit

Assembly 2

Final fitting
Quality check
Shipping



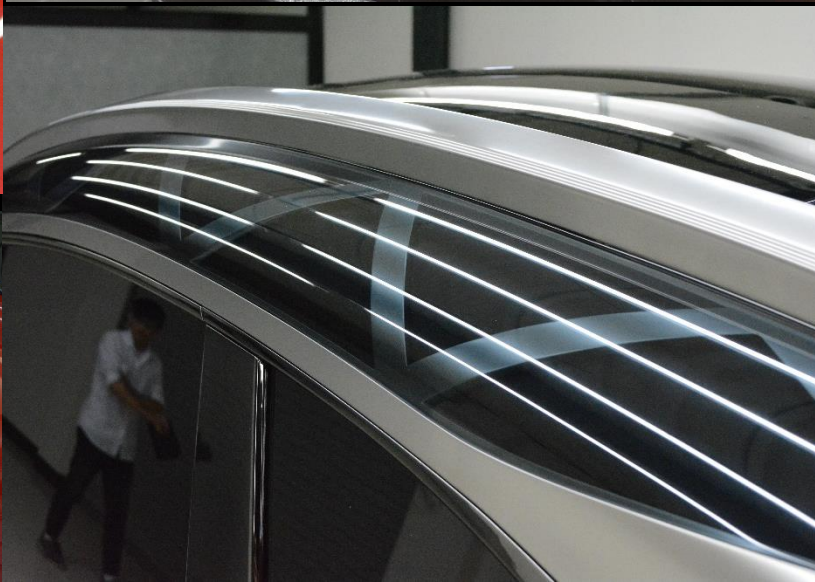
Concept car Model



Concept car Model



Prototype



Prototype



Prototype



Prototype



ODM/OEM Services

OEM / ODM 服務

概念發想

客戶溝通
產品分析
使用情境建立
設計主題研究

概念實現

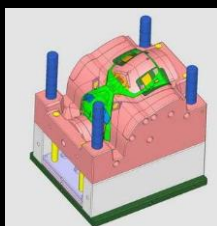
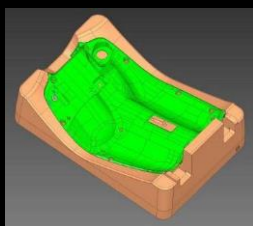
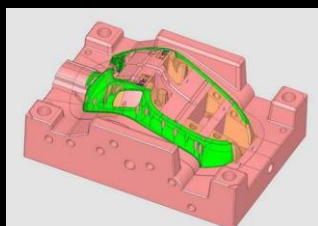
概念草繪
概念檢討
細部設計
設計渲染圖
數模製作

產品開發

模型驗證
回饋與修改
機構設計
模具開發

生產製造

射出成型
表面處理
生產線組裝
交貨物流



Design proposal 太子汽車特仕版



SUZUKI SWIFT



DESIGN PROPOSAL

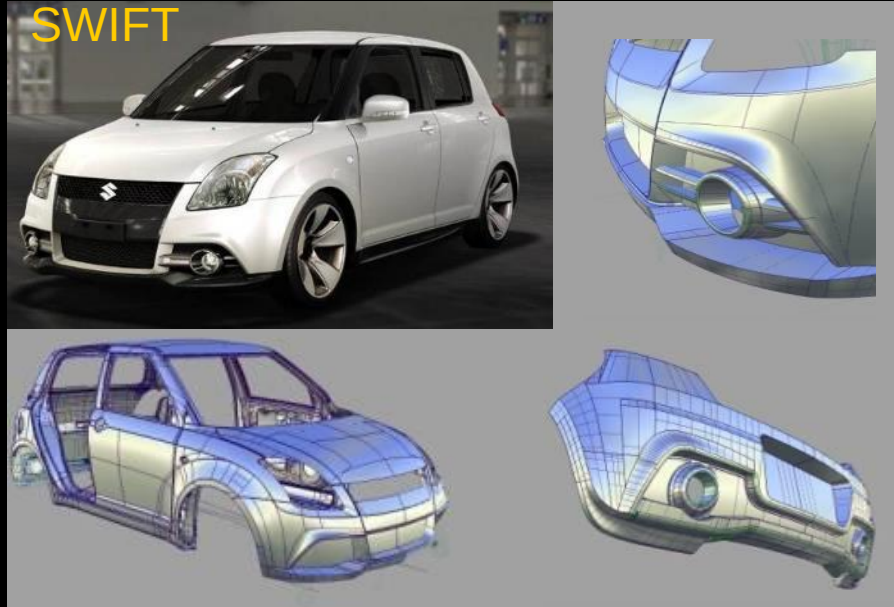


SUZUKI SX4

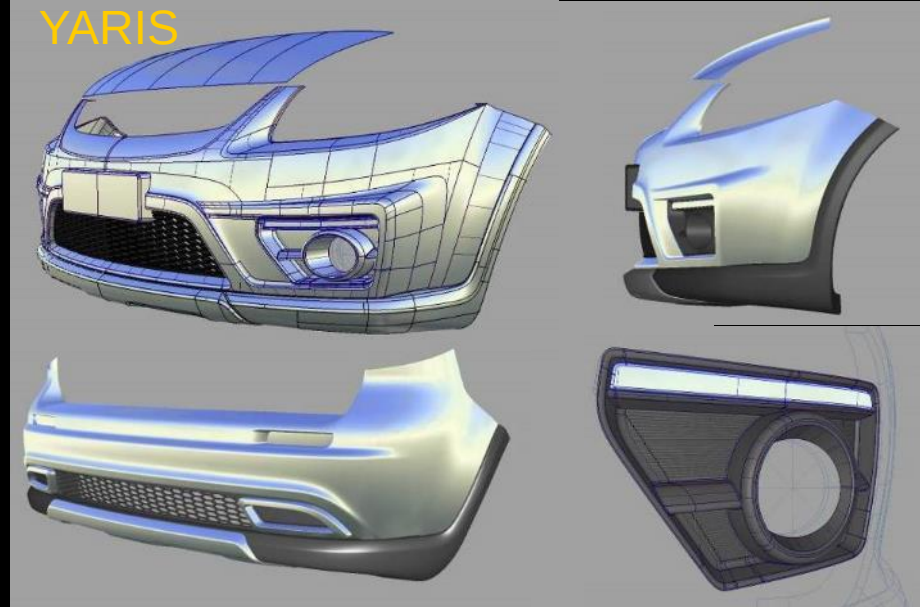


Digital model

SWIFT



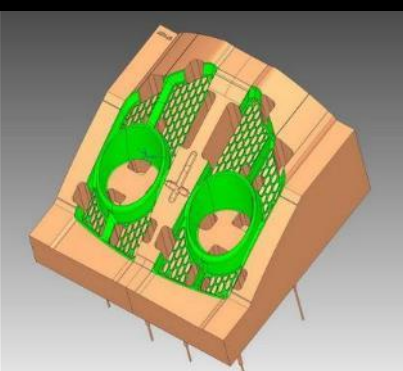
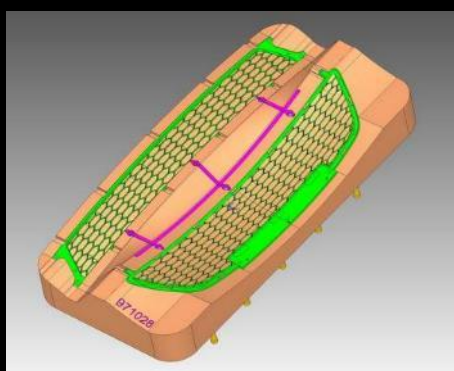
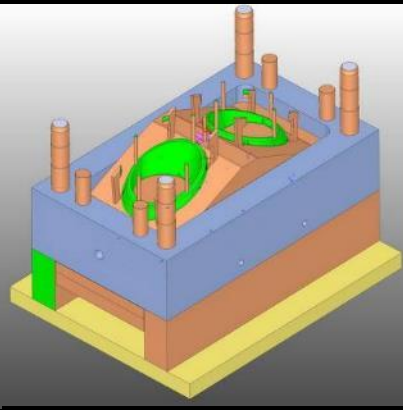
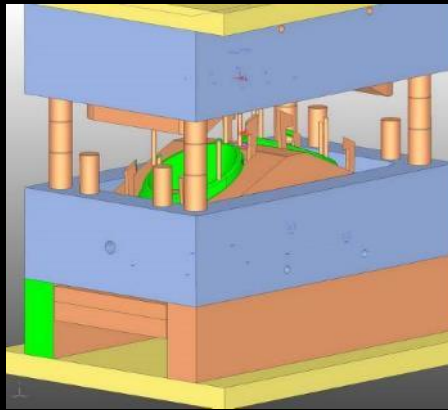
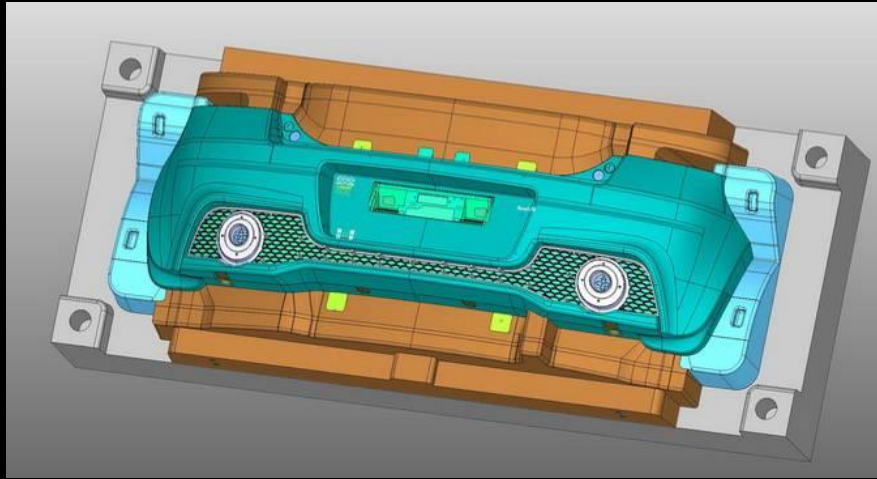
YARIS



Prototyping



tooling and production



Final product

Special edition for

Suzuki Taiwan

Suzuki Indonesia

CHANGAN Suzuki



T bar AD. on the highway



裕日特仕版





Thank you

