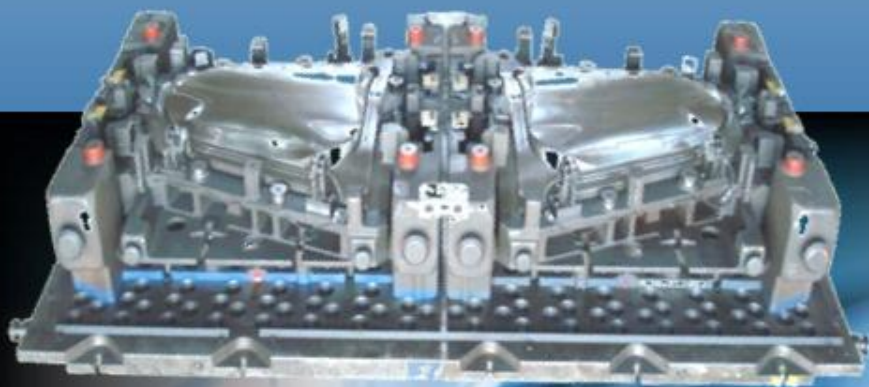




宜捷工業股份有限公司

Ejee Pressing Dies Industry Co., Ltd



EJEE
PRESSING
DIES INDUSTRY

Location



Company Profile

Company : Ejee Pressing Dies Industry Co., Ltd

Establish : 1988

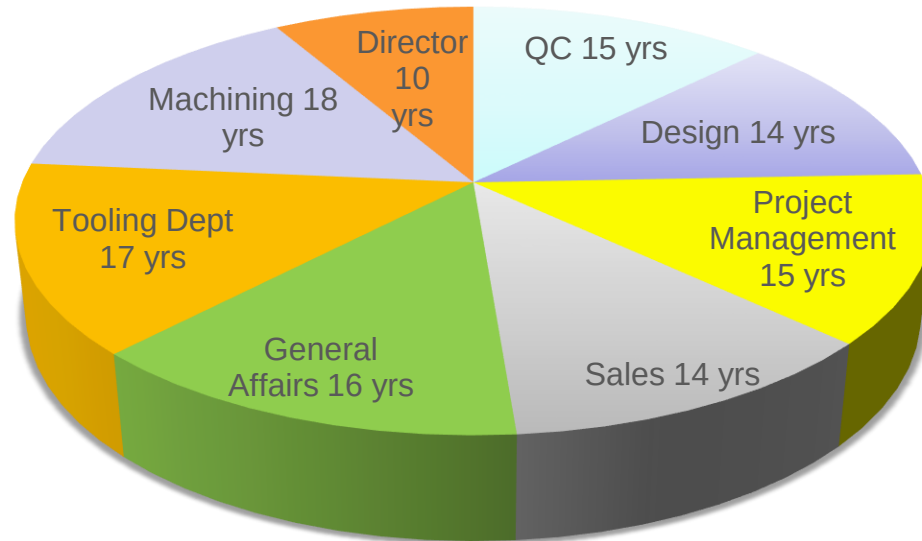
Capital : NTD 200,000,000 / USD 6,600,000

Chairman : Kao-An Liu

Product : Manufacturing of Stamping Dies

Employees : 100 Employees

Length of service of employees



	QC	Design	PM	Sales	G. A.	Tooling	Machining	Director	Total
Avg annual	15 yrs	14 yrs	15 yrs	14 yrs	16 yrs	17 yrs	18 yrs	10 yrs	
1~3 yrs		2				2	2		6
3~5 yrs		3		1		5			9
5~10 yrs	2	6	1	1	2	14	5	2	33
Over 10 yrs	2	9	6	3	3	16	13		52
Total	4	20	7	5	5	37	20	2	100

Company History

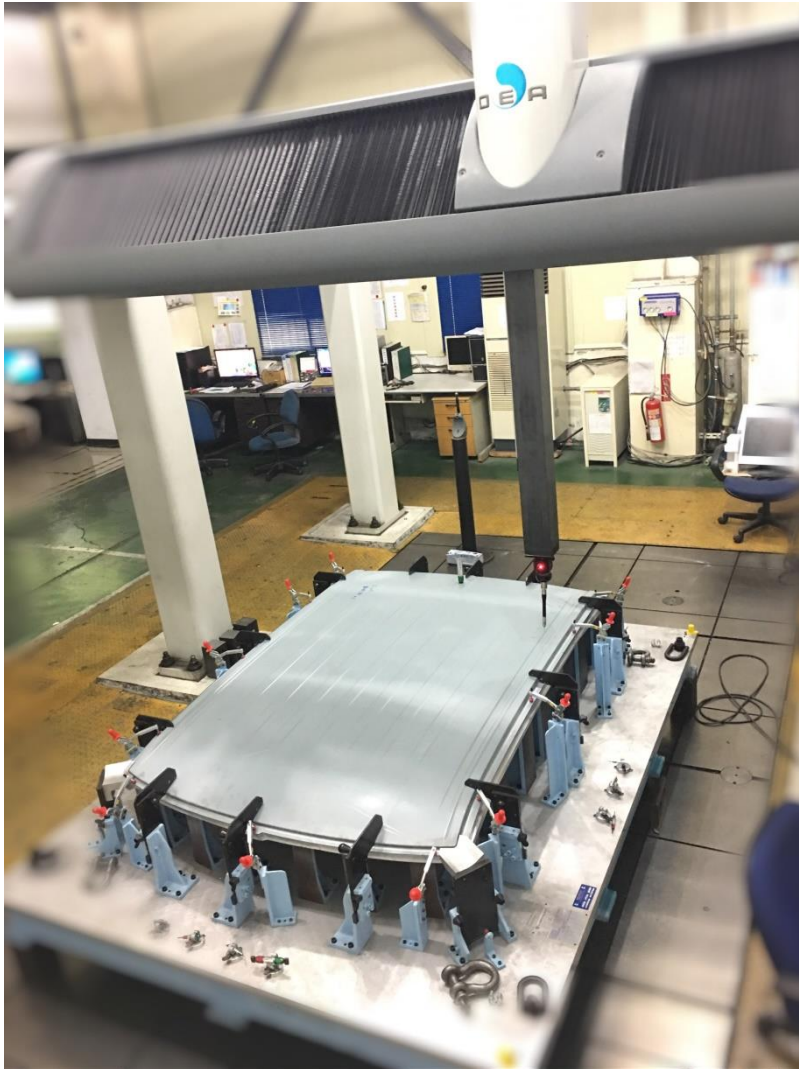
- 1988 "Ejee Pressing Dies Industry Co., Ltd" was formally established
- 1989 Exported dies to Japan and Southeast Asia
- 1990 Expansion of the plant area
- 1996 Began to provide dies to "Kuo-zui" and exported the dies to Japan SANKYO, HOSOKAWA
- 2002 Accredited with **ISO 9001 quality certification**
- 2003 Implementing 3D design; Began to build dies for MARUTI SUZUKI INDIA
- 2005 Installed 1200tons Mechanical Press
- 2006 Established EJEE China (SHUNDE KANAGATA GROUP DEVELOP CO.,LTD)
- 2008 Accredited with **ISO 14001 environmental management certification**
- 2009 Installed **3D Coordinate measuring machine with laser Scanning System**
- 2010 Began to build dies for Stellantis
- 2013 Installed Gantry 5 Face High-Speed Milling
- 2014 Install **2400T Mega Serve Press and 3 sets of 1000T hydraulic press**
- 2014 Purchase **Gantry 5 Face High-Speed Milling Machine 3 sets**
- 2016 Purchase **Portable Induction Heater**
- 2017 Purchase **Blue Light Scanning**
- 2023 Research and development of aluminum alloy hot forming technology (Kaohsiung University of Science and Technology)
- 2023 Sold EJEE China (SHUNDE KANAGATA GROUP DEVELOP CO.,LTD)
- 2024 Purchase **Gantry 5 Face High-Speed Milling Machine 2 sets**

List of Software

Function	Software	Q'ty	Application	
3D Design	Catia (V5 R2022)	11	Die Design	
	UG-NX (2406)	1		
	UG-NX (10)	3		
2D Design	AutoCAD (2008)	6	Simulation	
CAE	Autoform (R11)	1		
	PAMSTAMP (2019)	1		
Die Face Build	CADMEISTER (2023)	1	Die Face Build	
CAD & CAM Build	Tebis (V4.0_R6)	7	NC Programming	
	Mastercam (V7.0)	1		
CMM	PCDMIS (V4.3)	1	CMM Programming	

QC Equipment - CMM

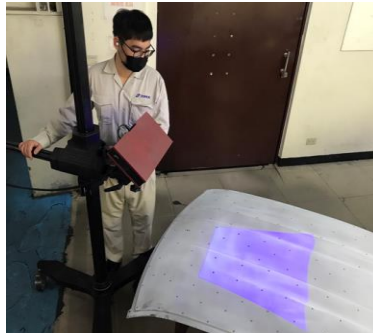
DEA 3D Coordinate Measuring Machine



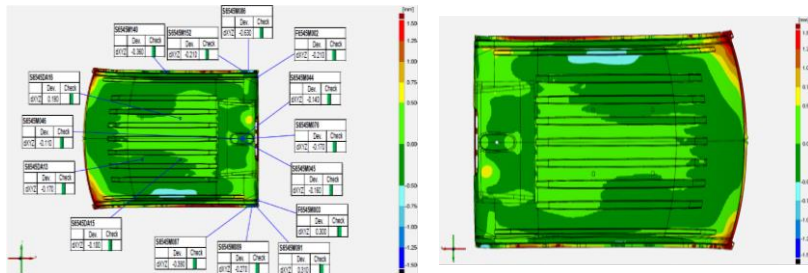
Name	Q'TY	Specification	
DEA ALPHA IMAGE 255018	1	Measuring Stroke	X Direction : 2500mm
			Y Direction : 5000mm
			Z Direction : 1800mm
		Max Loading Weight (10 Ton)	10 Tons

QC Equipment – 3D Laser Scanning System

3D Blue Light Scanning



Name	Q'TY	Specification	
ATOS Core MV300	1	Max Accuracy	<0.025mm
		Max Resolution	0.12mm
		Work Range	440mm
		Scanning Area	300*230 (mm)
		Technology	Blue Light



EJEE's QC Methods

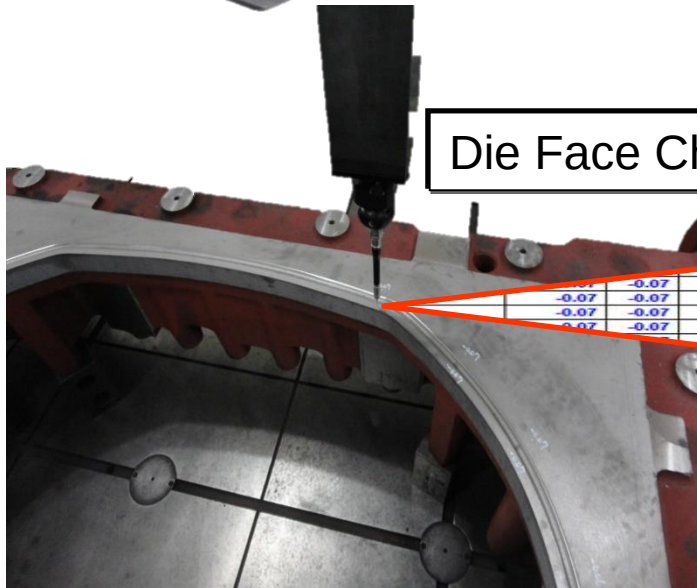
Light Booth Check
for Skin Panel



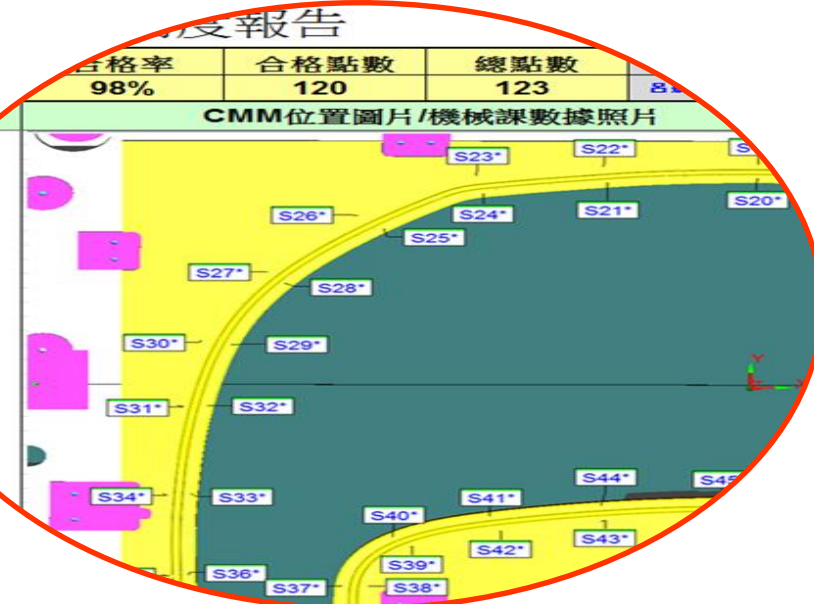
Thinning Check



Die Face Checking



-0.07	-0.07	OK
-0.07	-0.07	OK
-0.07	-0.07	OK
-0.07	-0.07	OK



CNC Machines

CNC HIGH SPEED MACHINE : **with MAX 12000 RPM**



Total of 9 sets



Name	Q'TY	TABLE SIZE
WELE MG530	4	5000*3000 (mm)
WELE LB425	1	4000*2500 (mm)
WELE LB325	1	3000*2500 (mm)
AWEA LG5030	1	5000*3000 (mm)
AWEA LG4630	1	4600*3000 (mm)
AWEA LG4030	1	4000*3000 (mm)

JANG FAN ENTERPRISE LTD. (Ejee invested)



Jang Fan is highly skilled in 2D machining

Only 10 minutes drive from Ejee

They have 5 sets of Milling Machines

LP5030 Milling Machine : 5M*3M

LP4021 Milling Machine : 4M*2.1M

YC5030 Milling Machine : 5M*3M

YC5030 Milling Machine : 5M*3M

YC3018 Milling Machine : 3M*1.8M



EJEE's Facilities for Benching & Die Tryout



Overhead Cranes



Lifting Capacity (Main+Sub) (Tons)	Q'TY
30+30	4
30+15	1
20+20	1
20+5	1
10+5	1
10+3	1
5.5+0	1

Total of 11 sets

Mechanical Press

Total of 3 sets

	500 Ton	1200 Ton	2400 Ton
Brand / Maker	JPN KOMATSU	TWN HLS	TWN LCM
Norm. Model Height (mm)	1100	1460	1600
Bolster Size (mm)	3000*2000	4600*2500	5000*2500
Slider Stroke (mm)	600	800	800
SPM	20	18	20
Cushion Stroke (mm)	300	280	300
Max. Cushion Capability	100 Tons	300 Tons	300 Tons
Min. Cushion Capability	20 Tons	50 Tons	50 Tons

500T



1200T



2400T



Hydraulic Press

Total of 7 sets

	1500 Ton	1000 Ton	1000 Ton	600 Ton	600 Ton	350 Ton	250 Ton
Brand / Maker	TWN HLS	TWN LCM	TWN HLS	TWN FengYu	TWN FengYu	TWN FengYu	TWN HLS
Norm. Model Height (mm)	2300	1600	2100	1800	1600	1700	2300
Bolster Size (mm)	4600*2400	5000*2500	3600*2400	3000*2000	2500*2000	3000*2000	2500*2000
Slider Stroke (mm)	1900	1600	1800	1600	1400	1500	1700
SPM	NA	NA	NA	NA	NA	NA	NA
Cushion Stroke (mm)	400	NA	400	285	400	NA	NA
Max. Cushion Capability	400 Tons	NA	400 Tons	200 Tons	200 Tons	NA	NA

1500T

1000T

1000T

600T

600T

350T

250T



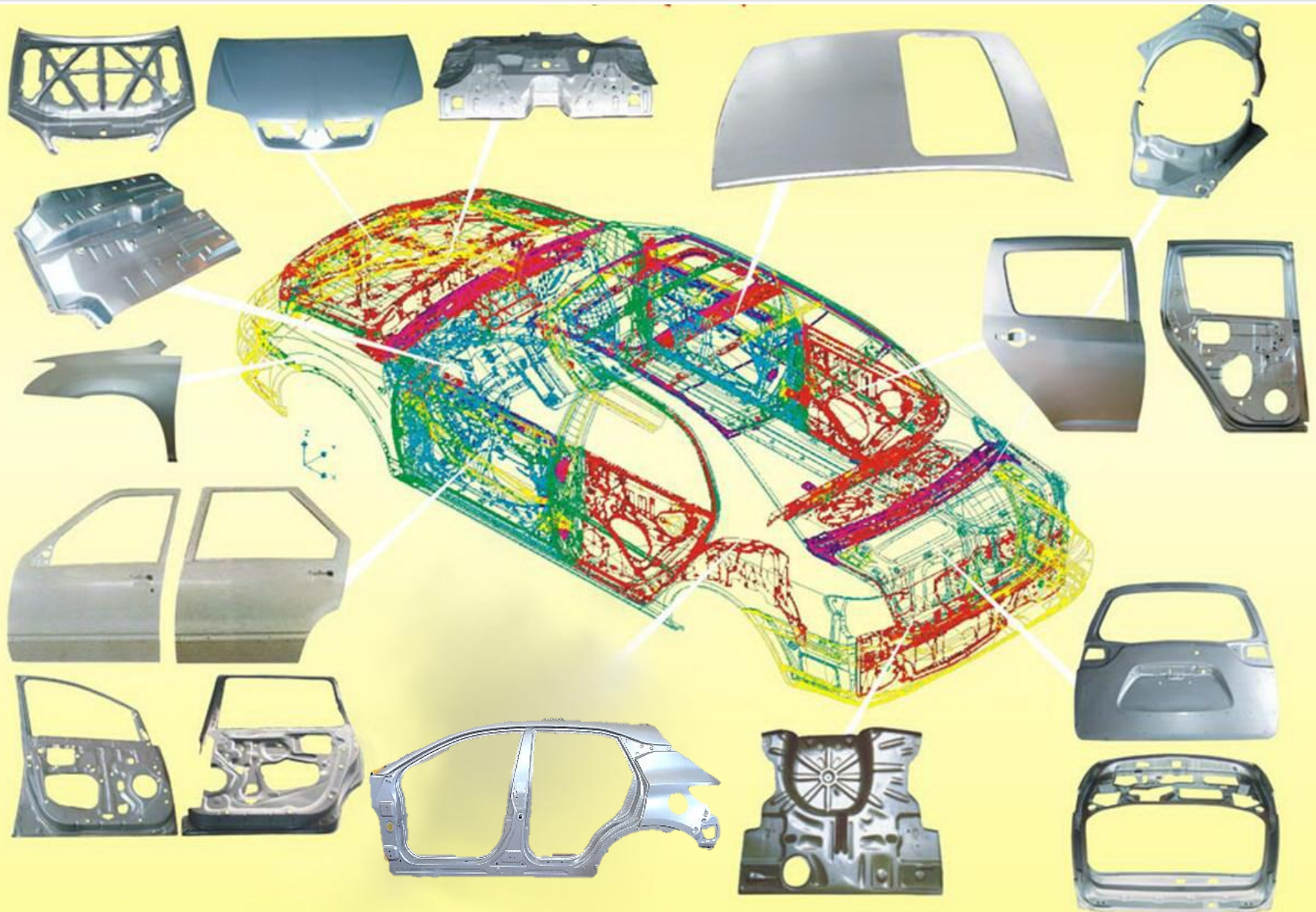
NEW Press Line Layout

2400T Mechanical Servo Press x 1 set. Table Size : 5M*2.5M / Max SPM : 20

1000T High Speed Hydraulic Press x 3 sets. Table Size : 5M*2.5M / Max SPM : 8



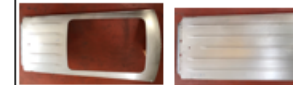
Die Build Experience



Project Name : D○○○596
Customer : Stellantis India
Country : India



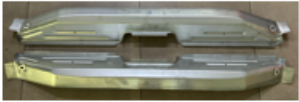
Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
V	V	V	V	V	V

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length	Width	High				
1	Hood OTR Hood INR	OTR: IFC210Y340T INR: CR05	0.65		Tandem 2 Parts in ONE Die	4 Sets	4440	X	2460	X	1200	OTR : 100% INR : 99%	OTR : 100% INR : 100%
2	Lift Gate OTR	CR05	0.65		Tandem 1 Parts 1 Stroke	5 Sets	3350	X	2000	X	1200	94%	100%
3	Lift Gate INR	CR05	0.75		Tandem 1 Parts 1 Stroke	6 Sets	3180	X	2100	X	1200	99%	100%
4	ROOF SUN ROOF	CR05	0.65		Tandem 1 Parts 1 Stroke	6 Sets	3980	X	2400	X	1200	ROOF : 99% SUNROOF : 99%	ROOF : 100% SUNROOF : 100%
5	FRONT WINDOW SURROUND LT/RT REAR WINDOW SURROUND LT/RT	CR04	0.85		Tandem 4 Parts in ONE Die	5 Sets	4100	X	2350	X	1200	F. LT : 99% F. RT : 100% R. LT : 99% R. RT : 99%	F. LT : 100% F. RT : 100% R. LT : 100% R. RT : 100%

Project Name : L○
Customer : Stellantis NA
Country : North America



Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
V	V	V	V	V	

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length	Width	High				
1	XMBR REAR KICK-UP FRONT FLOOR	TRC400Y690T	1.3		Tandem 2 Parts 1 Stroke	4 Sets	2700	X	2230	X	1250	F : 97% R : 97%	F : 100% R : 100%
2	SILL OTR RR	CHR-V3-MAT-1163-TRIP780	1.0		Tandem 2 Parts 1 Stroke	4 Sets	2350	X	1200	X	750	F : 97% R : 97%	F : 100% R : 100%
3	SILL OTR RR	CHR-V3-MAT-1163-TRIP780	1.0		Tandem 2 Parts 1 Stroke	4 Sets	2050	X	1200	X	750	F : 97% R : 97%	F : 100% R : 100%



Project Name : D○
Customer : Stellantis NA
Country : North America



Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
V	V	V	V	V	

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length	Width	High				
1	TAILGATE OUTER	MS.50005 - 6000 Aluminium	1.0		Tandem 1 Parts 1 Stroke	4 Sets	3150	X	1980	X	1250	96%	100%



Project Name : D○_H○
Customer : Stellantis NA
Country : Mexico



Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
V	V	V	V	V	

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length	Width	High				
1	PAN FLOOR FRT PRELIM	CR05	0.9		Tandem 1 Parts 1 Stroke	4 Sets	3700	X	2420	X	1400	96%	100%
2	COWL PLENUM UPPER	CR04	1.1		Tandem 1 Parts 1 Stroke	4 Sets	3700	X	2160	X	1400	100%	100%

Project Name : 3000B
Customer : K Company
Country : Taiwan



Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
	V	V	V	V	V

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length		Width		High		
1	Fender Outer RH/LH	SCGA270DX-45	0.65		Tandem 2 Parts in ONE Die	4 Sets	4000	X	1745	X	1000	RH : 90% LH : 92%	RH : 98% LH : 100%
2	RR Door Outer RH/LH	SCGA340BHX-45	0.6		Tandem 2 Parts in ONE Die	3 Sets	3520	X	1630	X	1000	RH : 96% LH : 96%	RH : 100% LH : 100%
3	RR Door Inr RH/LH	SCGA270DX-45V	0.65		Tandem 2 Parts in ONE Die	4 Sets	4520	X	2080	X	1100	RH : 96% LH : 96%	RH : 100% LH : 100%
4	Rear Lid Outer	SCGA270DX-45	0.65		Tandem 1 Parts 1 Stroke	4 Sets	2560	X	1870	X	1000	94%	100%
5	Rear Lid Inr	SCGA270DX-45V	0.6		Tandem 1 Parts 1 Stroke	4 Sets	2230	X	1800	X	1000	96%	100%

Project Name : 7000B
Customer : K Company
Country : Taiwan



Die Build Content					
Simulation	Die Design	Machining	Benching Spotting	Die Tryout	HLTO
	V	V	V	V	V

No.	Part Name	Material	THK	Photo	Die Type	Operation	Max Die Size(mm)					Part PIST	5pcs Pp
							Length		Width		High		
1	Fender Outer RH/LH	SCGA270DX-45	0.6		Tandem 2 Parts in ONE Die	4 Sets	4310	X	2025	X	1100	RH : 90% LH : 88%	RH : 98% LH : 96%
2	RR Door Outer RH/LH	SCGA340BHX-45	0.6		Tandem 2 Parts in ONE Die	3 Sets	3500	X	2050	X	1100	RH : 96% LH : 94%	RH : 100% LH : 100%
3	ROOF	SPC270DX-G	0.6		Tandem 1 Parts 1 Stroke	3 Sets	3380	X	1900	X	1000	92%	100%
4	Rear Lid Outer Upper	SCGA270DX-45AG	0.6		Tandem 1 Parts 1 Stroke	4 Sets	2820	X	2100	X	1100	94%	100%
5	Rear Lid Outer Lower	SCGA270DX-45AG	1.2		Tandem 1 Parts 1 Stroke	4 Sets	2620	X	1900	X	1000	96%	100%

Contact us



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感謝各位貴賓的聆聽

THANK YOU

