



UNITED INDUSTRIES PLASTIC PVT LTD

UNITED INDUSTRIES PLASTIC PRIVATE LIMITED

- Unit -1 S. No.235/1, B2 & B4, Amman Koil Street,
(Opp to Girigori Nagar Bus Stop), Manapakkam Main Road,
Manapakkam, Chennai – 600 116.
- Unit - 2 S. No.23/5-A2, Jawaharlal Nehru Road, Palani Nagar,
Moulivakkam village, Kundratur Panchayat,
Sriperumbudur Taluk.
- Unit -3 S-40,4 TH Main road, SIPCOT Indl. Estate
Via Vengadu Village, Pillaipakkam
Sriperambadur Taluk,
Kanchipuram Dist – 602106. Tamil Nadu, India

United Industries All Units View



Unit 1 - Manapakkam

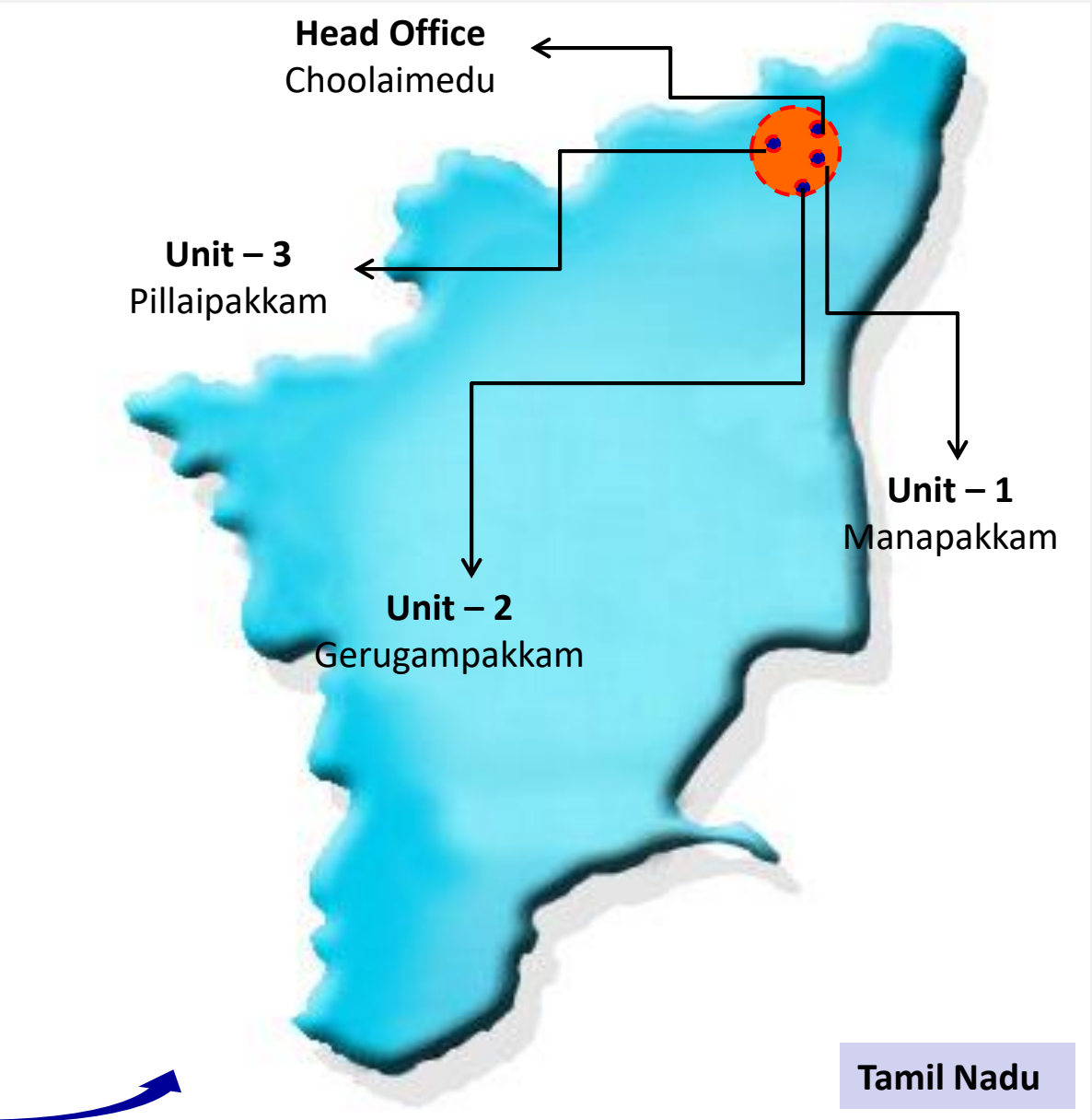


Unit 2 - Gerugampakkam



Unit 3 - Pillaipakkam

United Locations Map



UNITED INDUSTRIES PLASTIC PRIVATE LIMITED

United Group of Industries is promoted by **Shri. R. Mahalingam**, Pioneer in Plastic Industry having over 30 years of experience. His passion for Professionalism and Loyalty to customers made him to stay ahead of his competitors and become customers preferred choice till date.

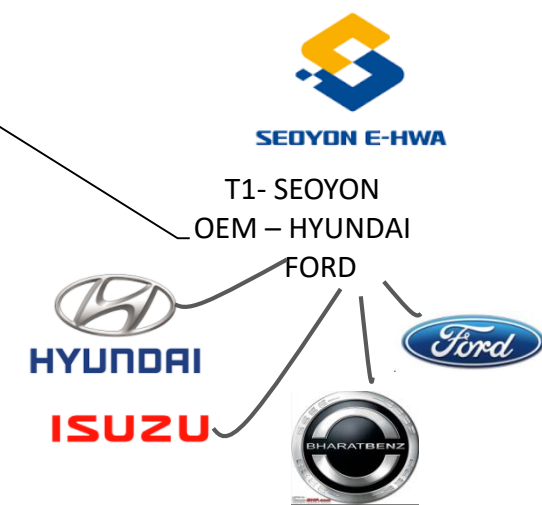
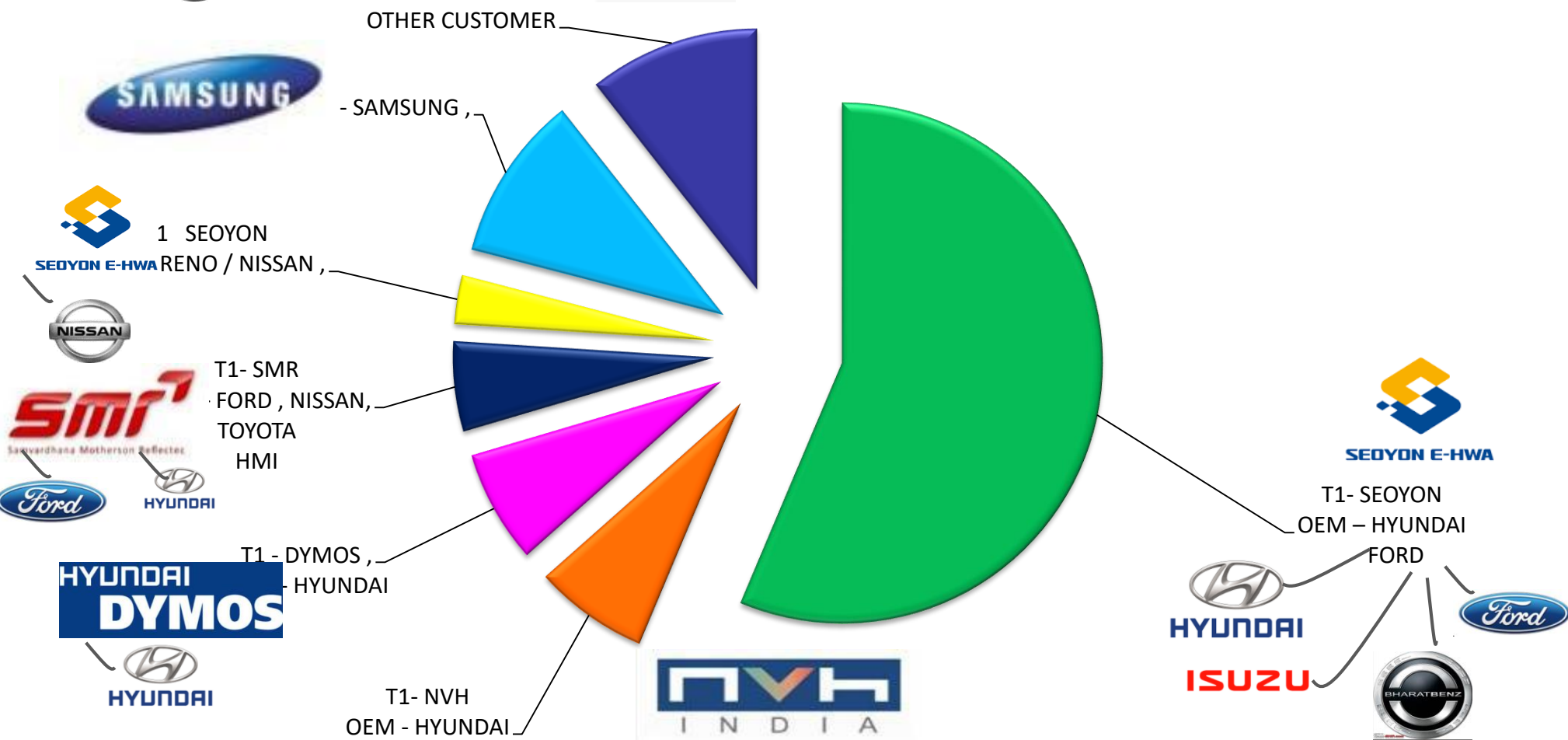
United Group was found in **1985** as a small injection moulding unit at Chennai with two machines. With commitment to quality and customer service the business started growing at a greater pace. Currently the group employs around 500 people.

Now **United Industries(UI)** is headed by **Shri. M Karthik Krishnan, BE, MBA, MFE, S/o Shri. R. Mahalingam**. In order to cater to the growing Automotive Segment third plant was started at Pillaipakkam, Chennai with higher tonnage machines (up to 1800 T) and with state of the art facilities. UI caters to Tier 1 vendors of **Hyundai, Ford, Reno-Nissan, Toyota and Daimler**. We also cater to **TI Cycles, Schneider Electric ,Samsung Wheels India, Brakes India and TVS Rubber**.

- Indian tier 2 supplier to the Automotive Industry with focus on Injection Moulding and Assembly Process
- Indian tier 1 supplier to the Home Application with focus on Injection Moulding and Assembly Process
- Automotive and white goods specialists



Our Long term relation to all Tier 1





Frt / RR Bpr Child Parts

- Grille Frt Bumper
- Grille Radiator
- Cowl Top / Side cover
- Tail Gate
- Upper Cover
- Mesh Bumper Ctr / Lwr
- Fog Lamps
- Skid Plate / Toe Hook
- Lip Assy / Renif Frt Bpr
- Bpr Brkt FR/RR/Upr
- MTG Renif / Renif Brkt
- Garnish QTR/Fender
- Insulator fenders
- Rear Beam / Frt-RR Absorber



Seat Child Parts

- Inner shield cover
- Outer Shield cover
- Knob Handle
- Knob handle cap
- Under tray
- Wheel Housing / Cap
- Manual glass adjustment



Door trim / Sun roof Child Parts

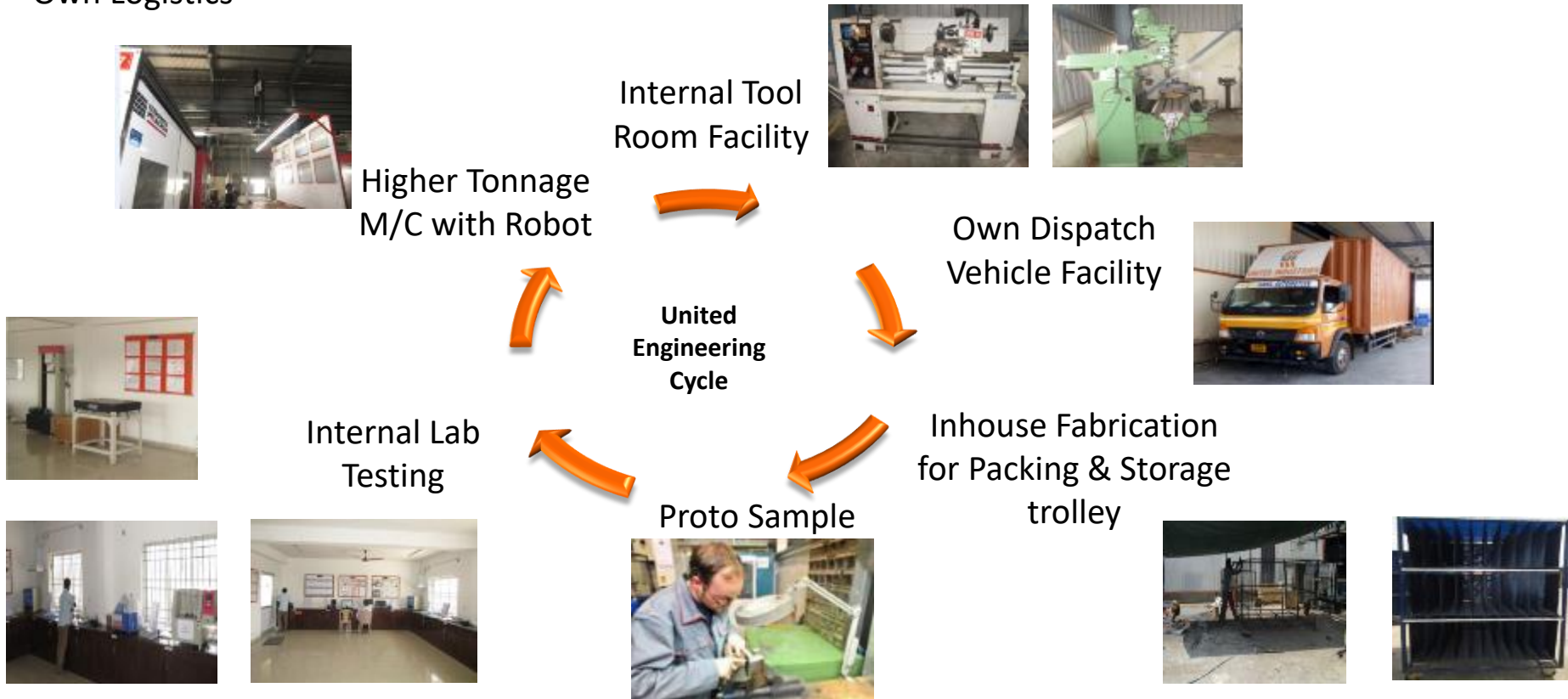
- CTR Pillar Lwr / Upper
- Front Pillar
- Packet Door / Pull handle
- Lug gage side / Dash side
- Switch Lwr / Finisher
- Front / Rear Kiking
- Power window switch
- Grip Handle/Speaker grill
- Map pocket
- Sun visor core / pivot arm
- Mirror holder /cover



Out side / Inside Rear view Mirror

- Case Frame Electric
- Base cover LHD/RHD
- Door / Cutline gasket
- Structural Base
- Cover cap
- Backing Plate
- Mirror Outer sail
- Base Plate
- Cable assy child parts
- IRVM Housing std
- IRVM Housing Rain sensor

- Project management, development and product launch processes according to customer standards & flexibility to meet individual customer's requirements
- Engineering specialists in Injection Process, Tooling, Machine and Assy line process
- Internal Lab for testing & Inhouse Fabrication for Packing & Storage Trolleys
- Own Logistics



Our Major Milestones



1985

- THE HUMBLE BEGINNING

1988

- INSTALLED FIRST SEMI AUTO MACHINE

1996

- STARTED UNITED PLASTIC COMPANY AT EKKATUTHANGAL

2000

- INSTALLED 450T MACHINE
- ENTERED AUTO PARTS INDUSTRY

2005

- STARTED NEW PLANT AT MANAPAKKAM. INSTALLED 600T MACHINE. ACHIEVED SALES INR 3.7 Cr INR

2007

- ACHIEVED SALES INR 8.0 Cr (USD 2.0 Mn)
- STARTED SUPPLY TO HANIL AUTOMOTIVE

2009

- ACHIEVED ISO 9001 : 2008 /TS 16949:2009

Our Major Milestones



VISION

UNITED INDUSTRIES will be the most preferred source of total plastic injection moulding solutions for its customers within the next 5 years.

MISSION

- ❖ CONSISTENT TOP RATING FROM CUSTOMERS IN Q.C.D.S.
- ❖ SALES TURN OVER INR 275 Cr BY 2018- 2019
- ❖ ENHANCE PERFORMANCE THRO PROFESSIONAL MANAGEMENT
- ❖ DEVELOP & MANUFACTURE OWN PRODUCTS

QUALITY POLICY

We are committed to consciously and continually improve systems & quality of our products through latest quality management systems and to exceed customers requirement in a most cost effective way.

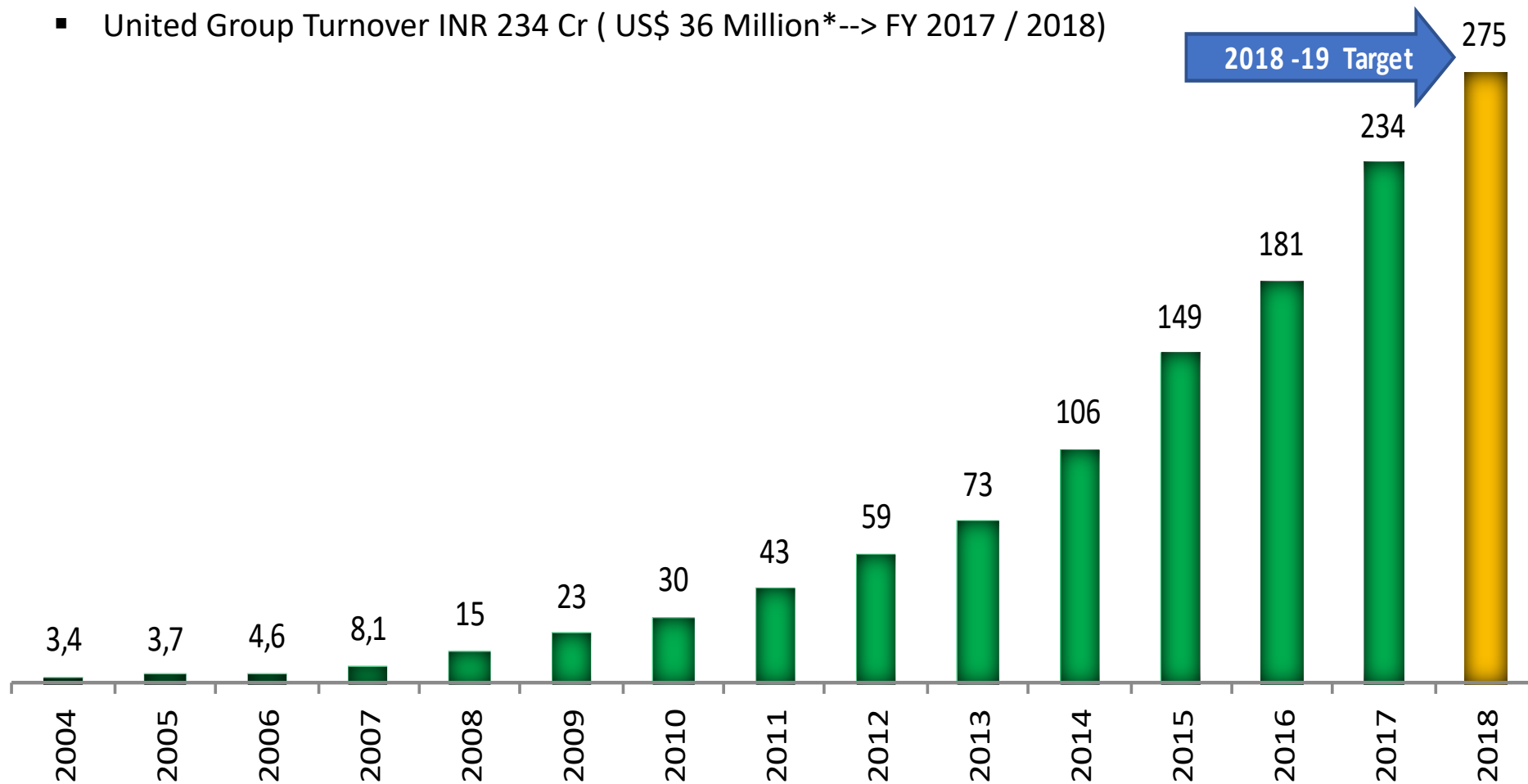
QUALITY OBJECTIVES

- ❖ TO ACHIEVE CUSTOMER SATISFACTION AS 100%
- ❖ TO ACHIEVE ON TIME DELIVERY AS 100 %
- ❖ TO ACHIEVE CUSTOMER END REJECTION AS 50 PPM
- ❖ TO REDUCE IN-HOUSE REJECTION
- ❖ TO REDUCE IN-HOUSE BREAKDOWN

Sales Turnover

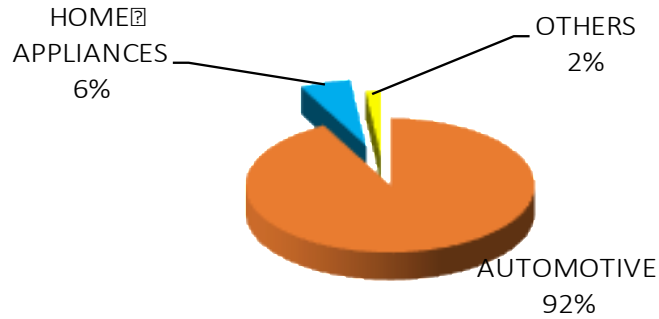


- United Industries Established in 1985
- United Group Turnover INR 234 Cr (US\$ 36 Million*--> FY 2017 / 2018)

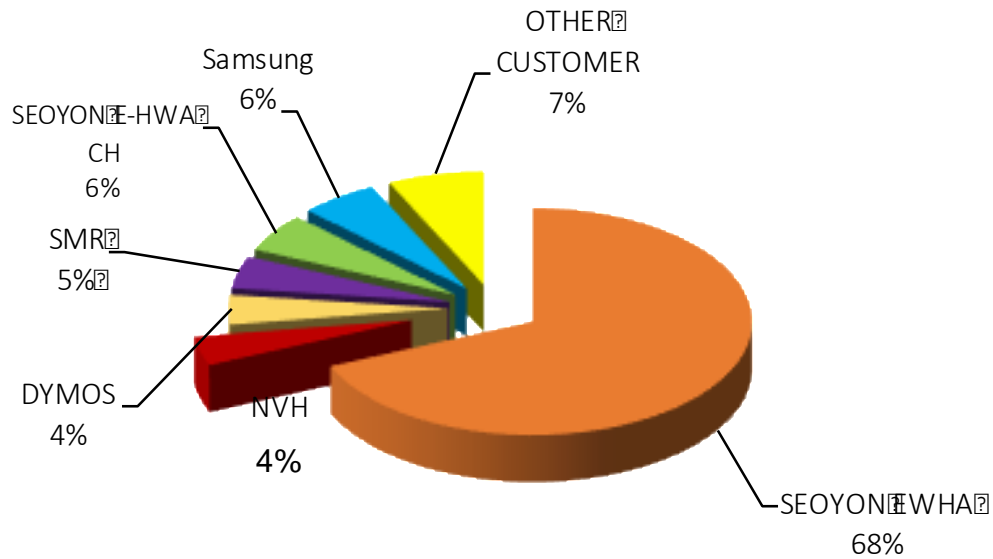


Sales trend chart in Cr - INR

Our Business shares*

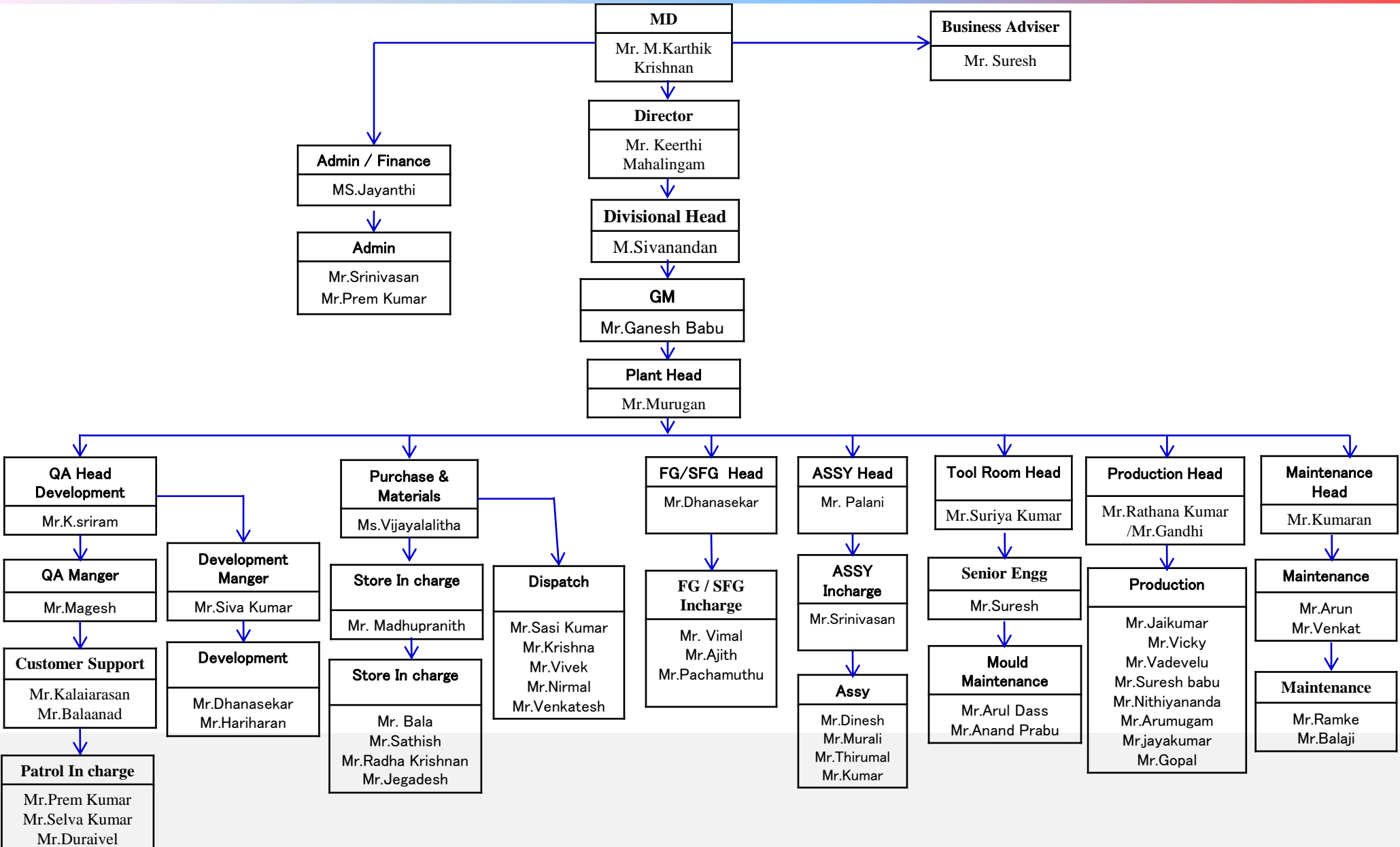


Industries	Sales %
AUTOMOTIVE	92.46
HOME APPLIANCES	5.77
OTHER	1.77



Business Share 2016-17	
Customer	Sales %
SEOYON E-HWA AUTOMOTIVE INDIA LTD	68.53
SAMSUNG INDIA ELECTRONICS	5.77
SEOYON E-HWA CH AUTOMOTIVE INDIA LTD	5.55
SMR AUTOMOTIVE INDIA LTD	4.65
DYMOS LEAR AUTOMOTIVE INDIA LTD	4.20
NVH AUTOMOTIVE INDIA LTD	4.18
OTHER CUSTOMER	7.12

Top Management Organization Chart



Employees Strength & Designation



PLANT -1

Category	No of Persons
Manager & Above	2
Sr . Exe to Manager	5
Engineers	11
Staff/Supervisor	11
Operators	121
Casual labour	80
Total	230
Qualifications	No of Persons
Master Degree	1
Engg Graduates	6
Dip.Engg	20
Other Graduated	20
ITI/Tech	60
Upto Schooling	123
Total	230



PLANT -2

Category	No of Persons
Manager &Above	1
Sr . Exe to Manager	5
Engineers	12
Staff/Supervisor	14
Operators	65
Casual labour	85
Total	182
Qualifications	No of Persons
Master Degree	1
Engg Graduates	6
Dip.Engg	10
Other Graduated	15
ITI/Tech	20
Upto Schooling	130
Total	182



PLANT -3

Category	No of Persons
Manager &Above	8
Sr . Exe to Manager	12
Engineers	30
Staff/Supervisor	15
Operators	50
Casual labour	45
Total	160
Qualifications	No of Persons
Master Degree	8
Engg Graduates	35
Dip.Engg	72
Other Graduated	20
ITI/Tech	75
Upto Schooling	85
Total	283





ZERTIFIKAT + CERTIFICATE + CERTIFICADO + CERTIFICADO + CERTIFICADO + CERTIFICADO

CERTIFICATE

The Certification Body
of TUV SUD Management Service GmbH
certifies that

United Industries
Survey No. 23/1, 82 & 84,
Arangan Koil Street (Opp. MSB Post House)
Off Manjakkam Main Road, Manjakkam
Chennai - 600115, Tamil Nadu
INDIA

has established and applies
a Quality Management System for

Manufacture of Plastic Injection Moulded components
and assemblies for automotive application,
(without Product Design as per Chapter 7.3).

An audit was performed, Report No. 70781274.
Proof has been furnished that the requirements
according to

ISO/TS 16949:2009
Third Edition 2005-06-15

are fulfilled.

Issue date: 2015-07-18
Expiry date: 2018-07-17

Certificate Registration No.: 12 111 3880883 TMS
IATF Certificate No.: 0108820

Product Compliance Management
March, 2015 (03/15)

Page 1 of 2

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ZERTIFIKAT + CERTIFICATE + CERTIFICADO + CERTIFICADO + CERTIFICADO + CERTIFICADO

CERTIFICATE

The Certification Body
of TUV SUD Management Service GmbH
certifies that

United Industries (Plant - 2)
Survey No 23/8, Palva St, No 23/8 AZ, Palani Nagar,
Moujakkam Village, Sriperumbudur Taluk
Kanchipuram District - 602116, Tamil Nadu
INDIA

has established and applies
a Quality Management System for

Manufacture of Plastic Injection Moulded components
and assemblies for automotive application,
(without Product Design as per Chapter 7.3).

An audit was performed, Report No. 70781274.
Proof has been furnished that the requirements
according to

ISO/TS 16949:2009
Third Edition 2005-06-15

are fulfilled.

Issue date: 2014-09-04
Expiry date: 2017-08-04

Certificate Registration No.: 12 111 3880883 TMS
IATF Certificate No.: 0108820

Part of the certificate is an appendix.

Product Compliance Management
March, 2014 (03/14)

Page 1 of 2

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ZERTIFIKAT + CERTIFICATE + CERTIFICADO + CERTIFICADO + CERTIFICADO + CERTIFICADO

CERTIFICATE

The Certification Body
of TUV SUD Management Service GmbH
certifies that

United Industries Plastic Private Limited
Plot no. 54E, Survey number 281 P to 284 P, 4th Main Road,
SPCOT Industrial Estate, Pillajakkam, Vengadu Village (Va),
Sriperumbudur Taluk - 602106, Kanchipuram District, Tamilnadu
INDIA

has established and applies
a Quality Management System for

Manufacture of
Plastic Injection Moulded components and assemblies
for automotive application
(without Product Design as per Chapter 7.3).

An audit was performed, Report No. 70781274.
Proof has been furnished that the requirements
according to

ISO/TS 16949:2009
Third Edition 2005-06-15

are fulfilled.

Issue date: 2015-03-30
Expiry date: 2018-03-14

Certificate Registration No.: 12 111 3880883 TMS
IATF Certificate No.: 0230605

Part of the certificate is an appendix.

Product Compliance Management
March, 2015-03-30

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www.tuv-sud.com/india/certification



UNIT 1



UNIT 2



UNIT 3

SQ CERTIFICATION FROM HYUNDAI WITH SUPPORT OF HANIL AUTOMOTIVE INDIA

Best Awards



HANIL AUTOMOTIVE
To the world... To the Future



BEST QUALITY -2013



**BEST SUPPORTING
VENDOR -2005**



**BEST SUPPLIER FOR
NPD -2014**



**Best Maintenance Award
2015**



Best Delivery - 2015



KAIZEN DISTINGUISH AWARD FROM IJL - 2017

BEST SUPPLIER FOR QUALITY -2017



ZERO DEFECT ACHIVEMENT ON ASSY CABI BOTTOM -2018

BEST SYSTEM IMPROVEMENT - MARCH 2018

List of Machineries



<i>Sl.No</i>	<i>Machine Ton</i>	<i>Qty</i>	<i>Sl.No</i>	<i>Machine Ton</i>	<i>Qty</i>
1	1800 Ton	3	9	450 Ton	4
2	1500 Ton	6	10	350 Ton	5
3	1300 Ton	3	11	200 Ton	1
4	1100 Ton	5	12	250 Ton	2
5	850 Ton	4	13	150 Ton	6
6	650 Ton	1	14	110 Ton	2
7	600 Ton	2	15	55 Ton	4
8	550 Ton	3			
Total Machine's					52

AUXILIARIES

Sl #	Machine Detail	Make	Qty
1	Dehumidifying Dryer with Central conveying System	Wittmann	7 No's
2	Mould Temperature Controller (Oil & Water) – On-line	Wittmann	10 No's
3	Mould Chiller -Online	Gem	17 No's
4	Pre-Drying Oven-3000 W	--	2 No's
5	Pre-Drying Oven-2000 W	--	1 No
6	On Line grinder	Wittmann	12 No's
7	Air Compressor	Chicago Pneumatic	4 No's

TOOL ROOM FACILITY

Sl #	Machine Detail	Make	Qty
1	Bench Grinder machine	Wolf	2 No's
2	Tapping Machine	Tapax	1 No
3	Milling Machine	Esteem	1 No
4	Lath Machine	Esteem	1 No
5	Drilling Machine – up to 25mm Dia	IFFCO	1 No
6	De – Scaling M/C	-	1 No

Equipment's & Facilities



SI #	Test Machines	Qty
1	Computerized UTM with direct display & multi unit conversion thru PC	1
2	Melt flow index tester (KAYJAY / 2006 /AC)	3
3	Digital density apparatus	1
4	Computerized Izod / Charpy Impact tester	1
5	Motorized notch cutter	1
6	Muffle furnace 4" x 4" x 9"	2
7	Hot air oven 12" x 12" x 12"	2
8	Gloss meter	1



Muffle Furnace



MFI Tester



VSP/HDT Tester



Notch Cutter



Density Apparatus



UTM Machine



Izod / Impact Test



Hot Air Oven

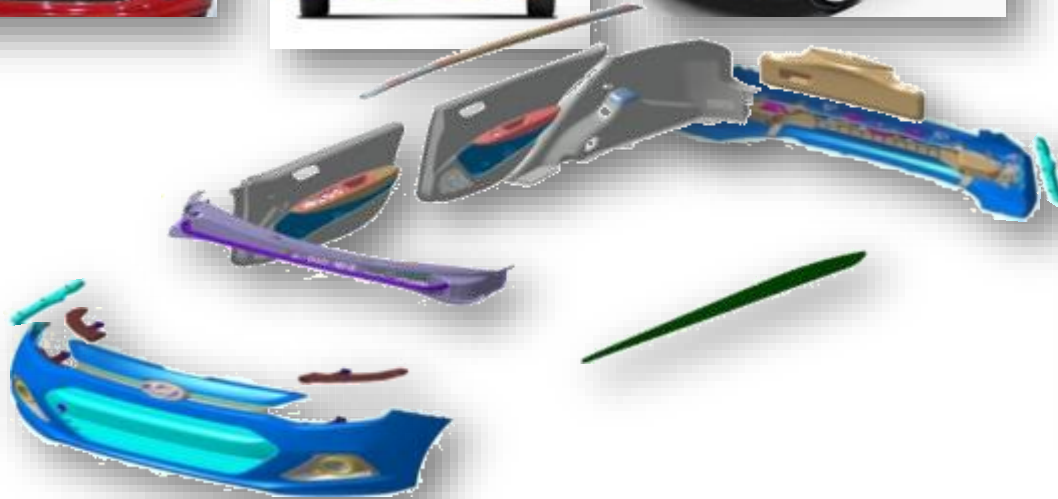


Surface Plate

In-House Storage Systems



United Product Profile





❑ Cowl top Assembly Parts & Car Models

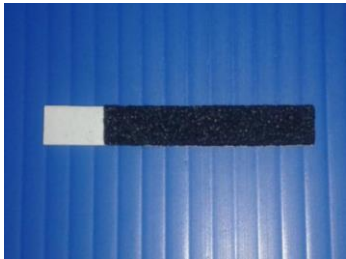
- BA 4 DOOR
- BA 5 DOOR
- IB 5 DOOR
- IBA
- GS
- BA PE 5 DOOR
- BA PE 4 DOOR
- HCI
- GS PE



GS Cowl Top Sub Assembly parts



COWL TOP RHD



PAD-UNDER CVR



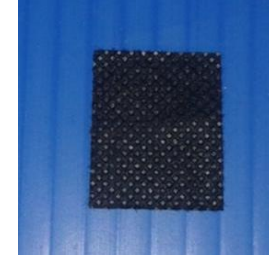
Y-CONNECTOR



NOZZLE



SCREW



PAD-ANTINOISE



HOSE CONNECTOR



HOSE-1 , HOSE-2 & HOSE-3



PAD -COWL TOP CVR SIDE



W/STRIP ASSY HOOD

	<p>HCI GRILL RAD OPT</p>	
	<p>IBA GRILL FRT BPR</p>	
	<p>IB & IB PE GRILL FRT BPR</p>	
	<p>GS GRILL RAD STD</p>	
	<p>GS GRILL RAD OPT</p>	

	<p>HCI GRILL RAD STD</p>	
	<p>BA 5DR GRILL FRT BPR</p>	
	<p>BA 4DR GRILL FRT BPR GAS & DSL</p>	
	<p>BA PE 4DR GRILL RAD GAS & DSL</p>	
	<p>BA PE 5DR GRILL FRT BPR GAS & DSL</p>	

GS Grille STD Sub Assembly



GRILLE RADIATOR ASSY



PIECE 1- R/GRILL UPR RH



PIECE 1- R/GRILL UPR LH



PIECE 3- R/GRILL CTR RH



PIECE 3- R/GRILL CTR LH



PIECE 5- R/GRILL LWR

GS GRILL OPT SUB ASSY



GRILLE RADIATOR ASSY



PIECE 1- R/GRILL UPR RH /LH



PIECE 1- R/GRILL UPR



PIECE 3- R/GRILL UPR RH/LH



PIECE 3- R/GRILL CTR

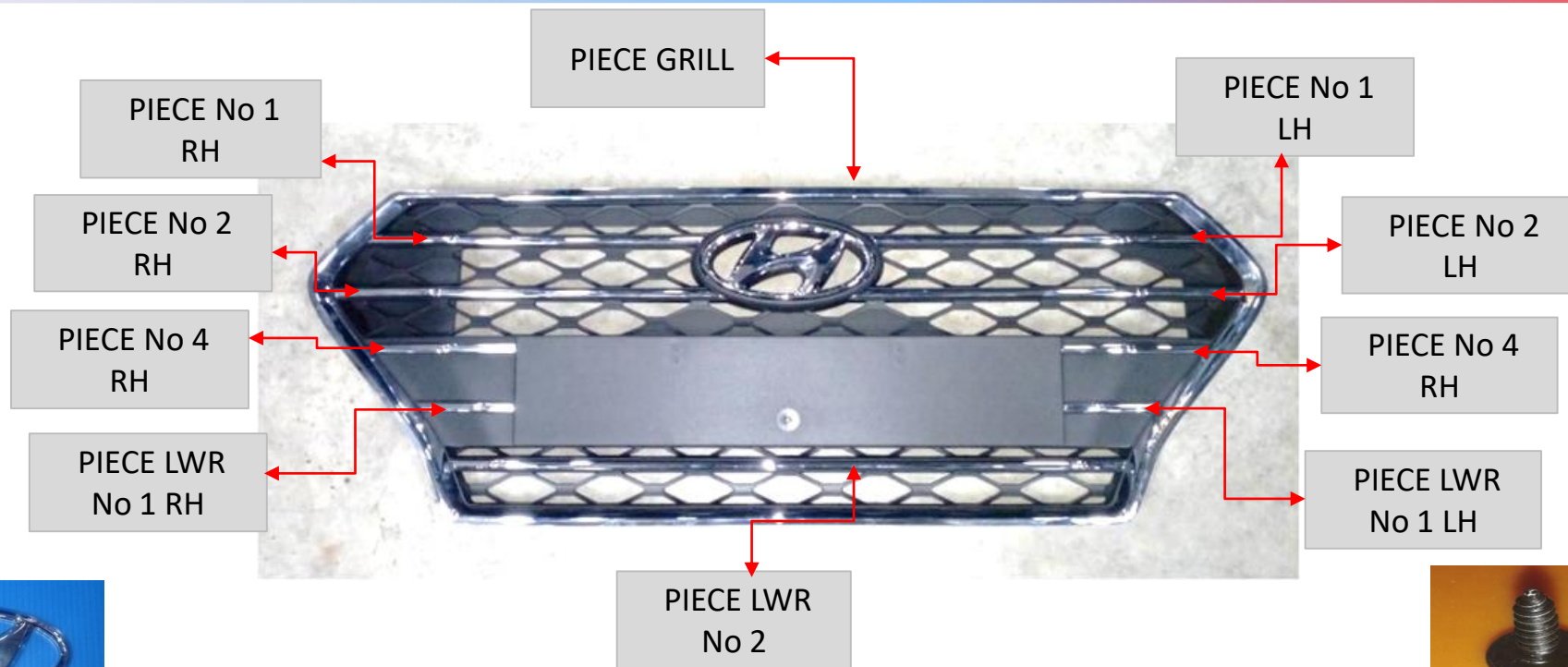


PIECE 5- R/GRILL LWR



PIECE 5- R/GRILL LWR

HCI Grille OPT Sub Assembly



FRT Bumper Assembly Parts



RADIATOR GRILL (DOM)



RADIATOR GRILL (EXP)



FRONT REINFORCEMENT



FENDER BKT LH/RH



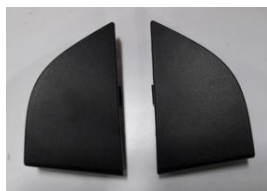
SPEED LIP



CENTER LOWER VALANCE(DOM)



BLOCKER (EXP)



BLOCKER (DOM)



LICENCE PLATE (EUA)

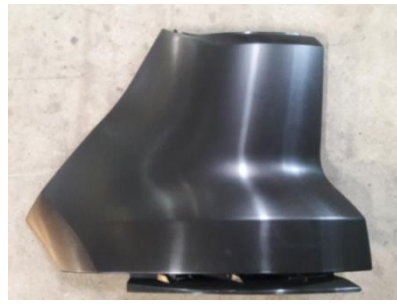
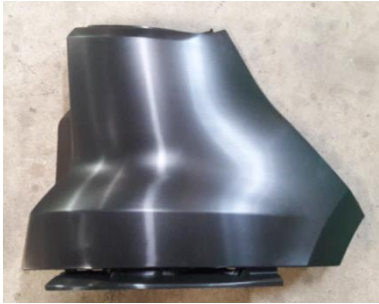


LICENCE PLATE (DOM)



CENTER LOWER VALANCE (EXP)

RR Bumper Assembly Parts



SIDE VALANCE LH / RH



WELDING BRKT



APPLIQUE FNA



WELDING BRKT



APPLIQUE EXP



CENTRAL BRKT



W/BRKT NO L/PLATE



BRKT LH

United Product Profile



UNITED INDUSTRIES



SEYON E-HWA

CHENNAI





UNITED INDUSTRIES





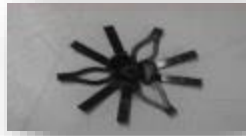
United Product Profile



United Product Profile



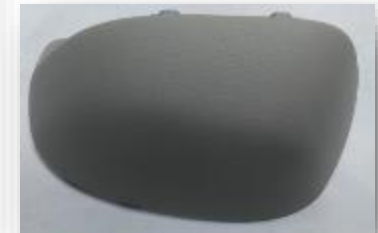
CHENNAI



United Product Profile



KASAI



United Product Profile



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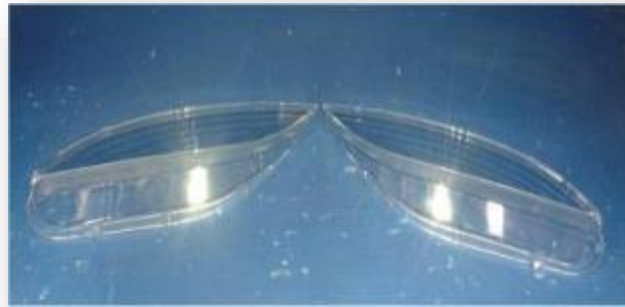




UNITED INDUSTRIES



India Japan Lighting (IJL)



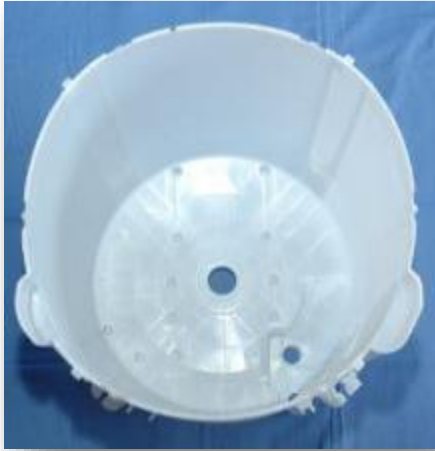
United Product Profile



United Product Profile



UNITED INDUSTRIES



United Product Profile

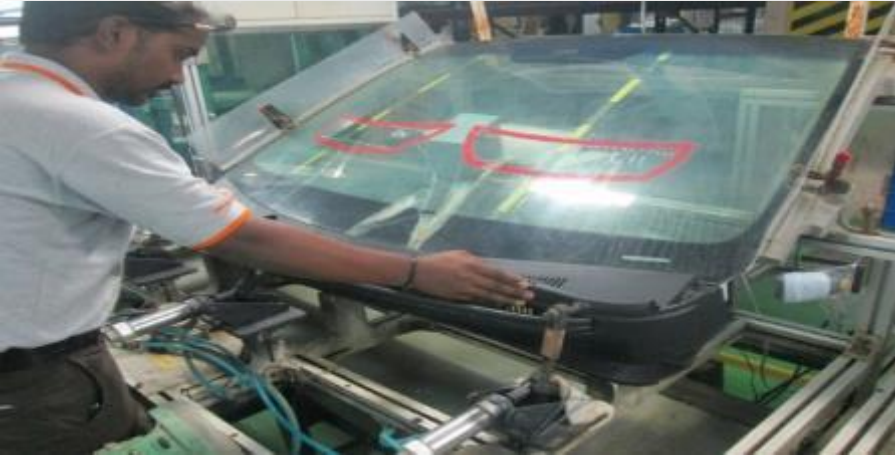


UNITED INDUSTRIES





Poka – Yoke Implementation in our Products



BAR CODE SCANNING SYSTEM IN COWL TOP ASSY FOR SPEC ERROR



GRILLE RADIATOR ASSY SCREW MISSING POKA YOKE SYSTEM (28 No's)



Poka – Yoke Implementation in our Products



CTR PLR CLIP MISSING



**RENO NISSAN CABLE
WRONG ASSY**



**CLIP MISSING
IN HA RR BRKT**



**SCREW COUNTER GUN
FOR SCREW MISSING**



**COWL TOP LHD/RHD
DEDUCTION POKA YOKE**



**BA HORN HOUSING
INSERT MISSING**



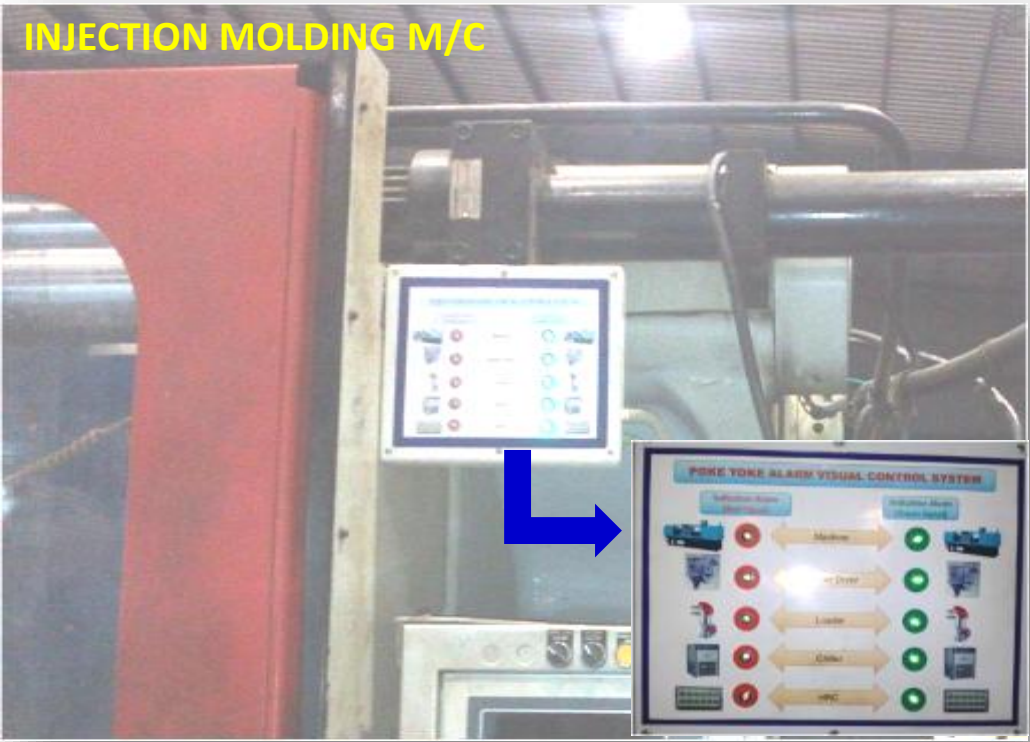
**BA UPPER BRKT CLIP
MISSING**



**BATTERY TRAY INSERT
MISSING**



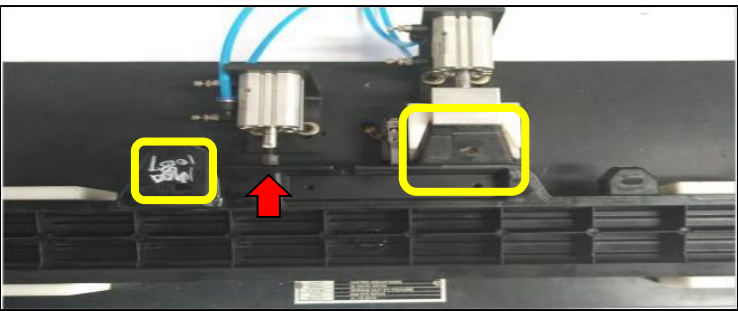
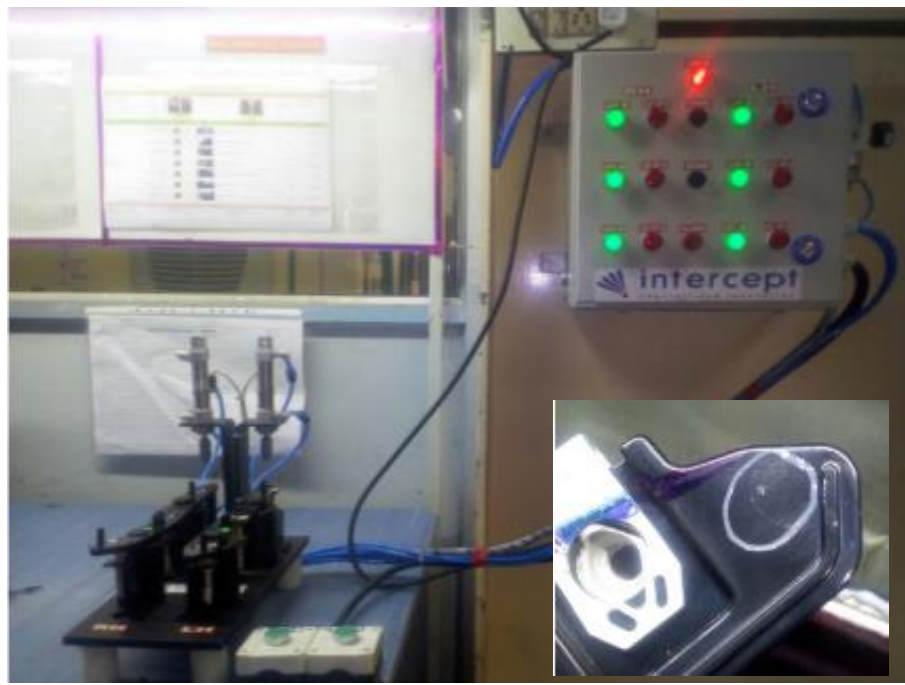
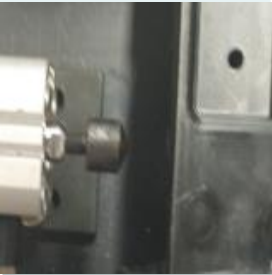
GRILLE RADIATOR ASSY AIR PRESSURE
LOW/HIGH INFORMATION SYSTEM



- 1.M/C : IF VARIATION IN OIL TEMPERATURE
- 2.HOPPER DRYER : IF MATERIAL BELOW MINIMUM LEVEL
- 3.LOADER: IF MATERIAL NOT LOADING
- 4.CHILLER : IF VARIATION IN CHILLER TEMPERATURE
- 5.HRC: IF VARIATION IN HRC TEMPERATURE



Poka – Yoke Implementation in our Products



POKA – YOKE FOR SPRING NUT MISSING

POKA – YOKE FOR FENDER BRKT CLIP MISSING & WRONG ASSY



**PAD PRINTING
PROCESS**



**SPIN WELDING
PROCESS**



**ULTRASONIC
WELDING PROCESS**



**CUSTOMISED
HOLE PUNCHING SPM**



**CUSTOMISED
ULTRASONIC WELDING SPM**



**CUSTOMISED
PUNCHING SPM**



HT POWER – 1600 KVA



POWER BACK UP DG – 1010 KVA



POWER BACK UP DG – 750 KVA



Thank You