



Thailand's leading thermoplastics manufacturer



UNION PLASTIC PUBLIC COMPANY LIMITED

Company Profile

Company Name : Union Plastic Public Co.,Ltd.

Address : - Bangchan Plant :
11/1 Soi Serithai 62, Minburi, Bangkok (10510)
- Bangpakong Plant :
99 Moo 5 Bangna-Trad (KM.38), Bangsamak ,
Bangpakong, Chachoengsao (24130)

Establish : - In 1969 With registered capital of Bt 125 million
- In 1977 SET, UP listed on the Stock Exchange of Thailand
(SET) With a current registered capital of Bt 250 million

Business : Thermoplastic Injection Manufacturer
(Mold → Injection → Painting → Assembly → Silk Screen &
Hot stamping)
: Mold manufacturing fabricated with CAD/CAM/CAE

Employee : 486 persons, BC Plant : 329 persons, BPK Plant : 157 persons

Certified : - ISO 9001 : 2015
- ISO 14001 : 2015
- IATF 16949 : 2016
(From : Bureau Veritas Certification)

UNION PLASTIC PUBLIC COMPANY LIMITED

Certifications



ISO 9001 (2015)



ISO 14001 (2015)



IATF 16949 (2016)

Website : <http://www.unionplastic.co.th>

UNION PLASTIC PUBLIC COMPANY LIMITED

Award



UNION PLASTIC PUBLIC COMPANY LIMITED

Locations



Bangchan Plant

11/1 Soi Serithai 62, Minburi ,
Bangkok, 10510
Tel : 02-517-0109-14 ext. 121-124
Area : 40,000 m2 (25 rai)



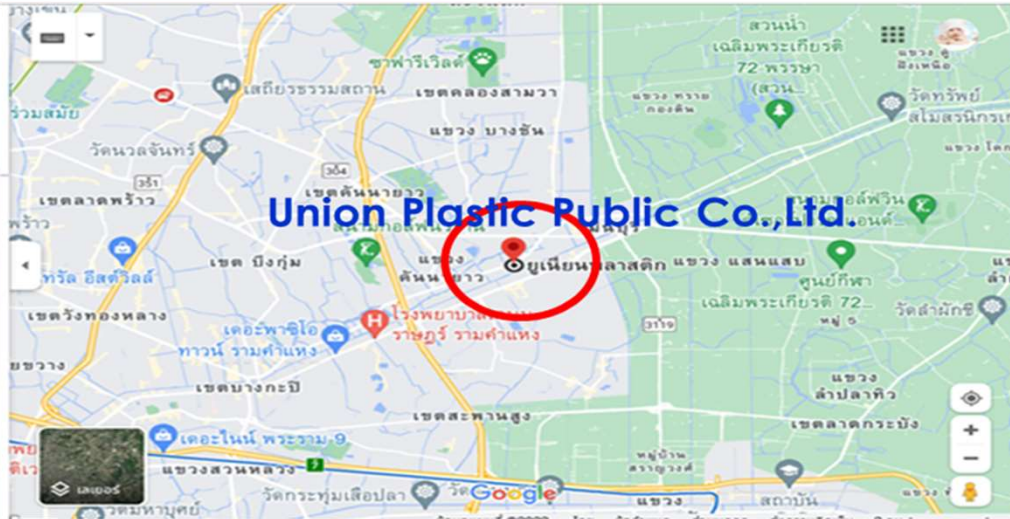
Bangpakong Plant

99 Moo 5 Bangna-Trad (KM.38),
Bangsamak, Bangpakon,
Chachoengsao, 24130
Tel : (038) 571-741-5 ext. 0
Area : 25,600 m2 (16 rai)

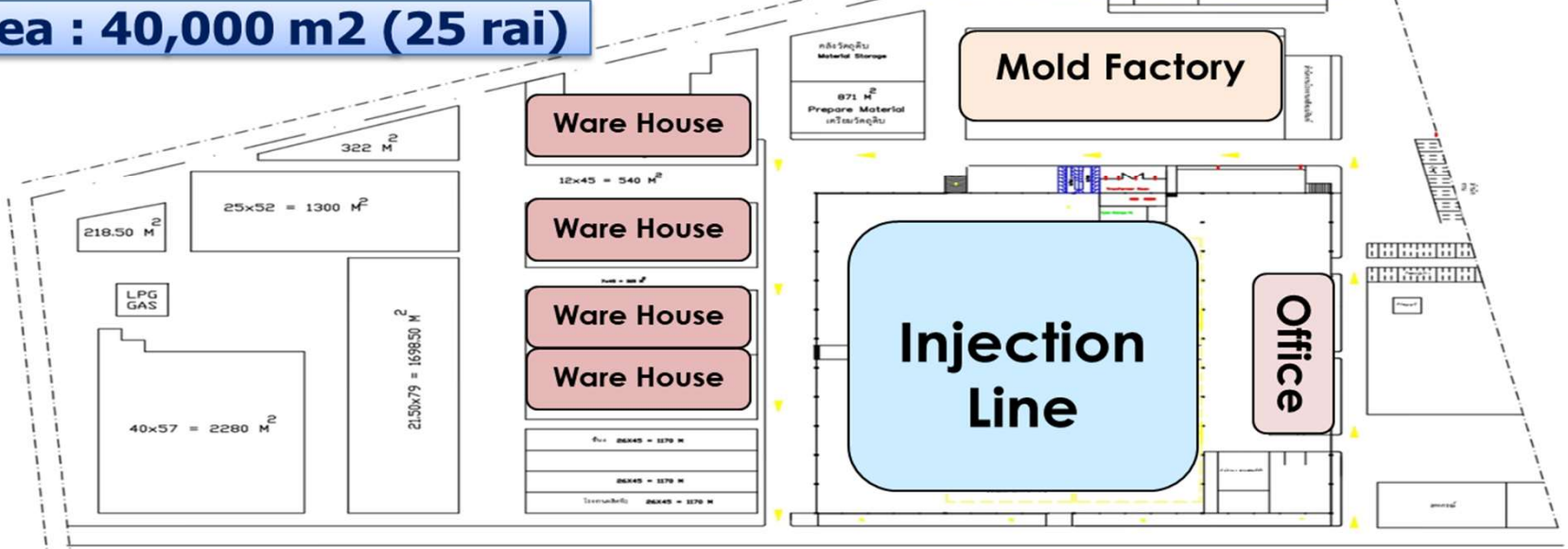
Website : <http://www.unionplastic.co.th>

UNION PLASTIC PUBLIC COMPANY LIMITED

Bangchan Plant Layout



Area : 40,000 m² (25 rai)



UNION PLASTIC PUBLIC COMPANY LIMITED

Process (Bangchan Plant)



Mold Factory



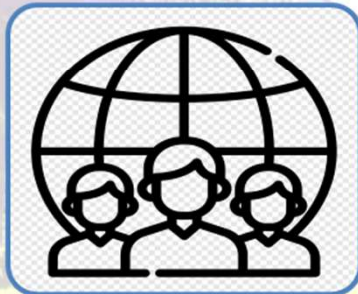
Injection Line



Assembly Line



Ware House



Customer



Delivery

UNION PLASTIC PUBLIC COMPANY LIMITED

Machine List @Union Plastic Bangchan Plant

Item	Type	Machine Size	Brand	Quantity
1	Injection Machine	50 Tons	Fanuc	1
2	Injection Machine	50 Tons	Toshiba	1
3	Injection Machine	55 Tons	Toshiba	1
4	Injection Machine	100 Tons	Fanuc	6
5	Injection Machine	150 Tons	Toshiba	2
6	Injection Machine	180 Tons	Toshiba	2
7	Injection Machine	220 Tons	Toshiba	5
8	Injection Machine	280 Tons	Toshiba	2
9	Injection Machine	350 Tons	Toshiba	7
10	Injection Machine	450 Tons	Toshiba	3
11	Injection Machine	550 Tons	Toshiba	2
12	Injection Machine	650 Tons	Toshiba	6
13	Injection Machine	850 Tons	Toshiba	3
Total				41



UNION PLASTIC PUBLIC COMPANY LIMITED

Main Quality Facilities



SMART SCOPE



3D SCAN ARM
PORTABLE CMM

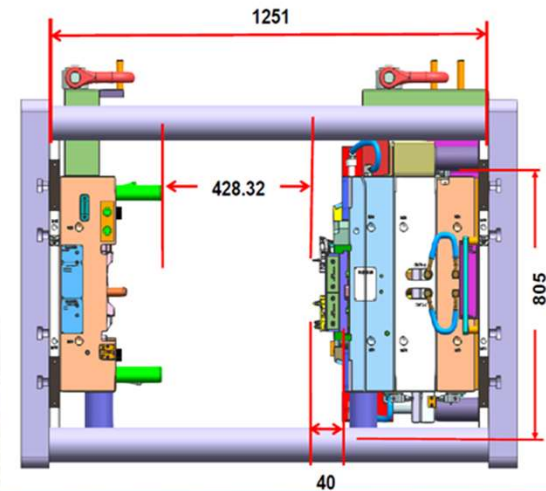
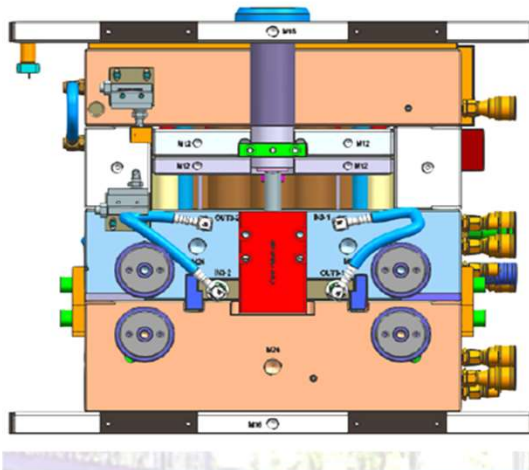
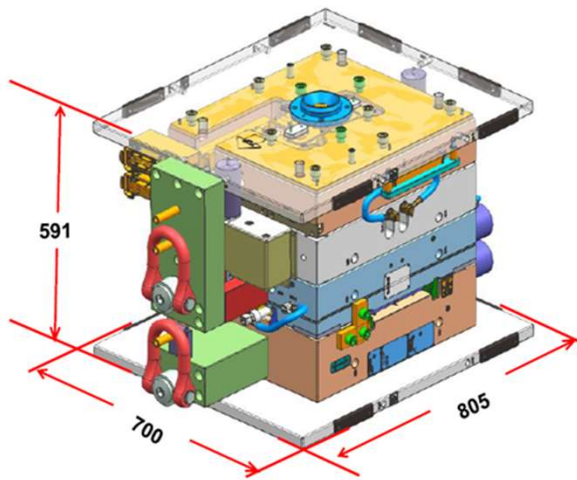


3D SCAN ARM PORTABLE CMM

all-purpose portable measuring arm system designed to meet the needs of almost any measurement application and accurate compared with 3D, whether scanning or touch-probing.

UNION PLASTIC PUBLIC COMPANY LIMITED

Mold Factory Overview



Area : 2,160 m²

Employee : 22 staff

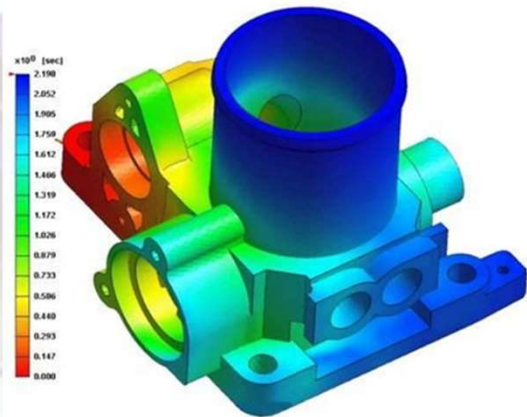
Mold size : 110*130mm.to 1,200*1800mm.

Capacity : 60 Molds Per Year

- 110*130 to 200*200 mm.(small size)
10 Unit/month
- 250*250 to 450*450 mm.(medium size)
7 Unit/month
- 500*500 to 1200*1800 mm. (large size)
3 Unit/month

UNION PLASTIC PUBLIC COMPANY LIMITED

SOFTWARE OF MOLD FACTORY



Moldex3D
MOLDING INNOVATION



A AUTODESK
AUTOCAD®



NX 11.0

[View documentation](#)

SOFTWARE :

1. CATIA
2. UG
3. STEP

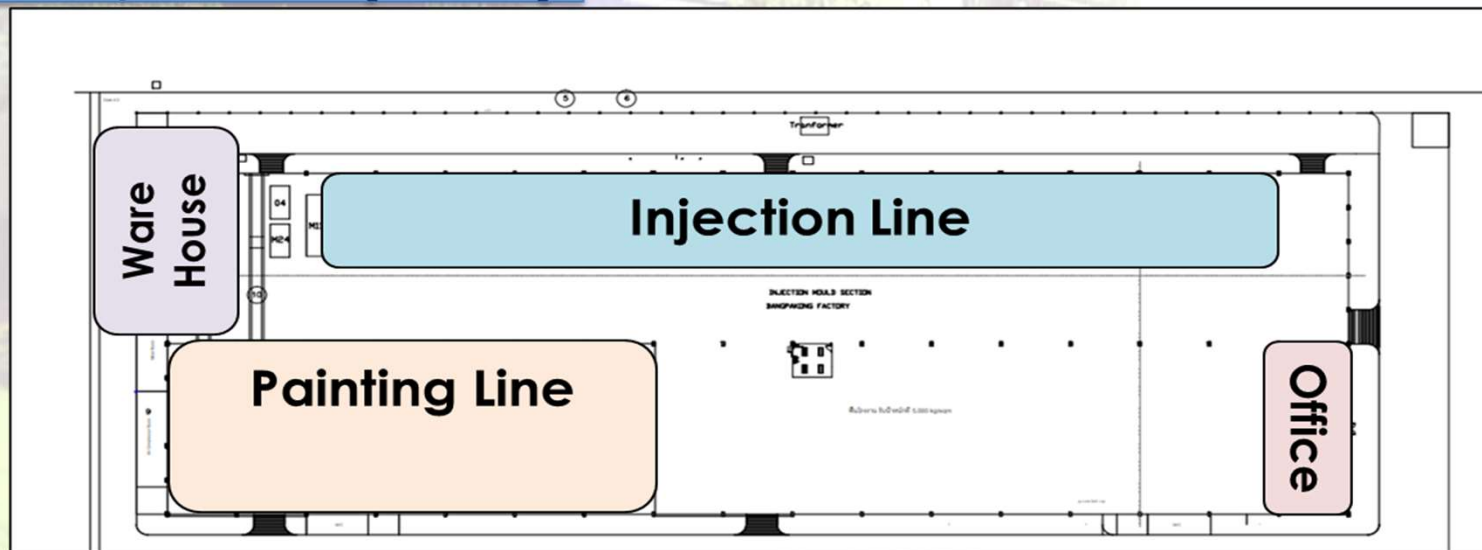
4. PALASOLID
5. IGIS

UNION PLASTIC PUBLIC COMPANY LIMITED

Bangpakong Plant Layout : Bangna-Trad (KM.38)



Area : 25,600 m2 (16 rai)



UNION PLASTIC PUBLIC COMPANY LIMITED

Process (Bangpakong Plant)



Injection Line



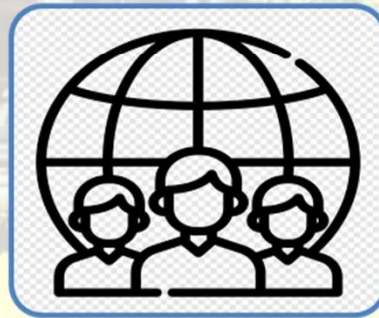
Painting Line



Assembly Line



Ware House



Customer



Delivery



UNION PLASTIC PUBLIC COMPANY LIMITED

Machine List @Union Plastic Bangpakong Plant

Item	Type	Machine Size	Brand	Quantity
1	Injection Machine	40 Tons vertical	JSW	1
2	Injection Machine	50 Tons	Toshiba	1
3	Injection Machine	55 Tons	Toshiba	1
4	Injection Machine	100 Tons	Toshiba	1
5	Injection Machine	130 Tons	Toshiba	1
6	Injection Machine	170 Tons	Toshiba	1
7	Injection Machine	220 Tons	Toshiba	2
8	Injection Machine	350 Tons	Toshiba	3
9	Injection Machine	450 Tons	Toshiba	1
10	Injection Machine	550 Tons	Toshiba	2
11	Injection Machine	650 Tons	Toshiba	2
12	Injection Machine	850 Tons	Toshiba	2
13	Injection Machine	1300 Tons	Toshiba	3
14	Injection Machine	1600 Tons	Toshiba	3
Total			Total	24



UNION PLASTIC PUBLIC COMPANY LIMITED

Painting & Assembly Overview



Area : 3,240 m²

Employee : 29 staff

Painting Line (2K) : 2 Line close room for Hanger Conveyor

- Capacity 1,200 Pcs./Day
- Hanger 120 Q'ty
- Cycle Time 1.50 Hr./Cycle

Painting Line (Air Dry) : 3 Line for Belt Conveyor

- Capacity 2,000 Pcs./Day
- Cycle Time : 30 Min./Cycle



UNION PLASTIC PUBLIC COMPANY LIMITED

Painting & Assembly Overview

2K Spray Painting Room
(Close Room & Air Supply)

Air Dry
Spray Painting



Assembly Line



UNION PLASTIC PUBLIC COMPANY LIMITED

Preparation Painting Process



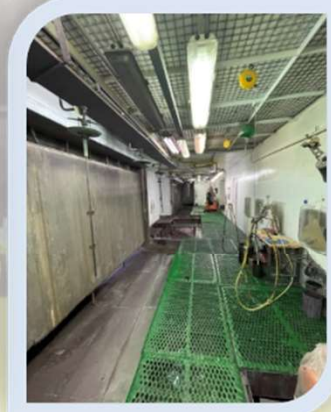
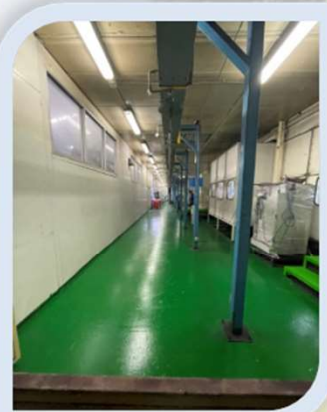
Color Preparation



Part Preparation



Jig Preparation



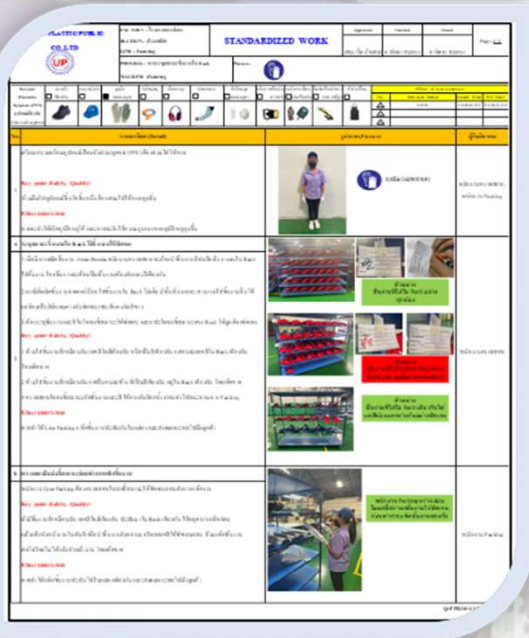
Production Control and Preparation method for painting process

Line ,booth , Rack Preparation

Oven Preparation

UNION PLASTIC PUBLIC COMPANY LIMITED

QUALITY SETTING PART 24 hrs.



The image shows a 'STANDARDIZED WORK' sheet for 'Quality Setting Part 24 hrs.'. The sheet is divided into several sections. At the top, it includes the company logo (UP), a title, and a table with columns for 'Operation', 'Material', 'Tool', and 'Part Name'. Below this, there are sections for 'Process Flow', 'Quality Control', and 'Safety'. The 'Process Flow' section contains a list of steps with corresponding photos and diagrams. The 'Quality Control' section includes a 'Checklist' with items to be inspected. The 'Safety' section lists safety precautions. The sheet is filled with text, diagrams, and photos illustrating the standardized work process.

**Standard Control
Setting part**



**RACK SETTING
PART**



**Area and Time cycle for
SETTING PART**

Set standard control for quality setting part 24 Hr. in standardize work and set area & time cycle for setting part. Control process flow by Tag Label in each item.

UNION PLASTIC PUBLIC COMPANY LIMITED

Injection Plastics : Automotive Parts



Exterior Parts



Interior Parts



Sozai Parts



Painting Parts



UNION PLASTIC PUBLIC COMPANY LIMITED

Injection Plastics : Electrics & Other Parts

Washing Machine



Electrics Parts

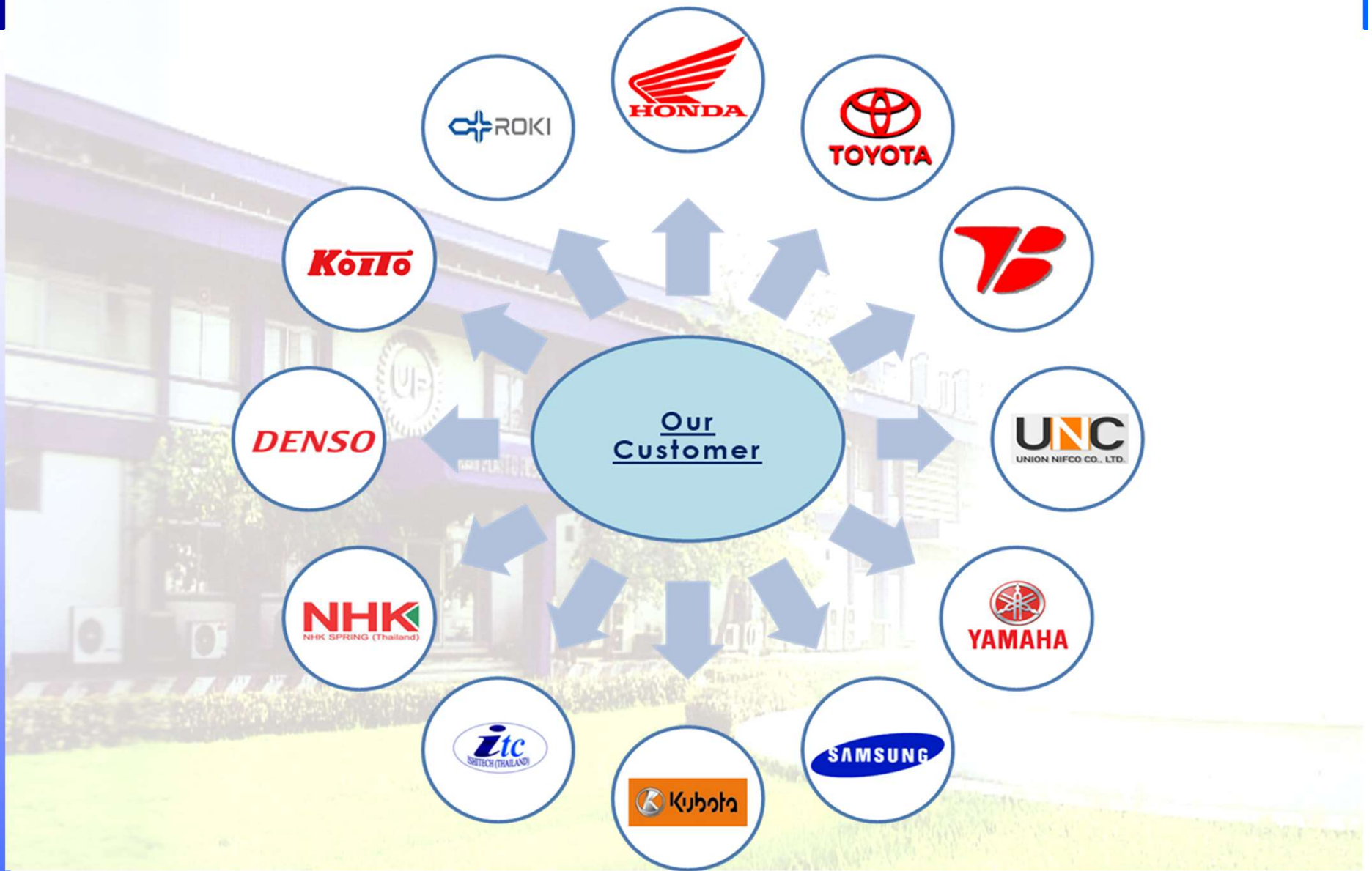
Electrical



Other Parts



UNION PLASTIC PUBLIC COMPANY LIMITED



UNION PLASTIC PUBLIC COMPANY LIMITED



THANK YOU

UNION PLASTIC PUBLIC COMPANY LIMITED