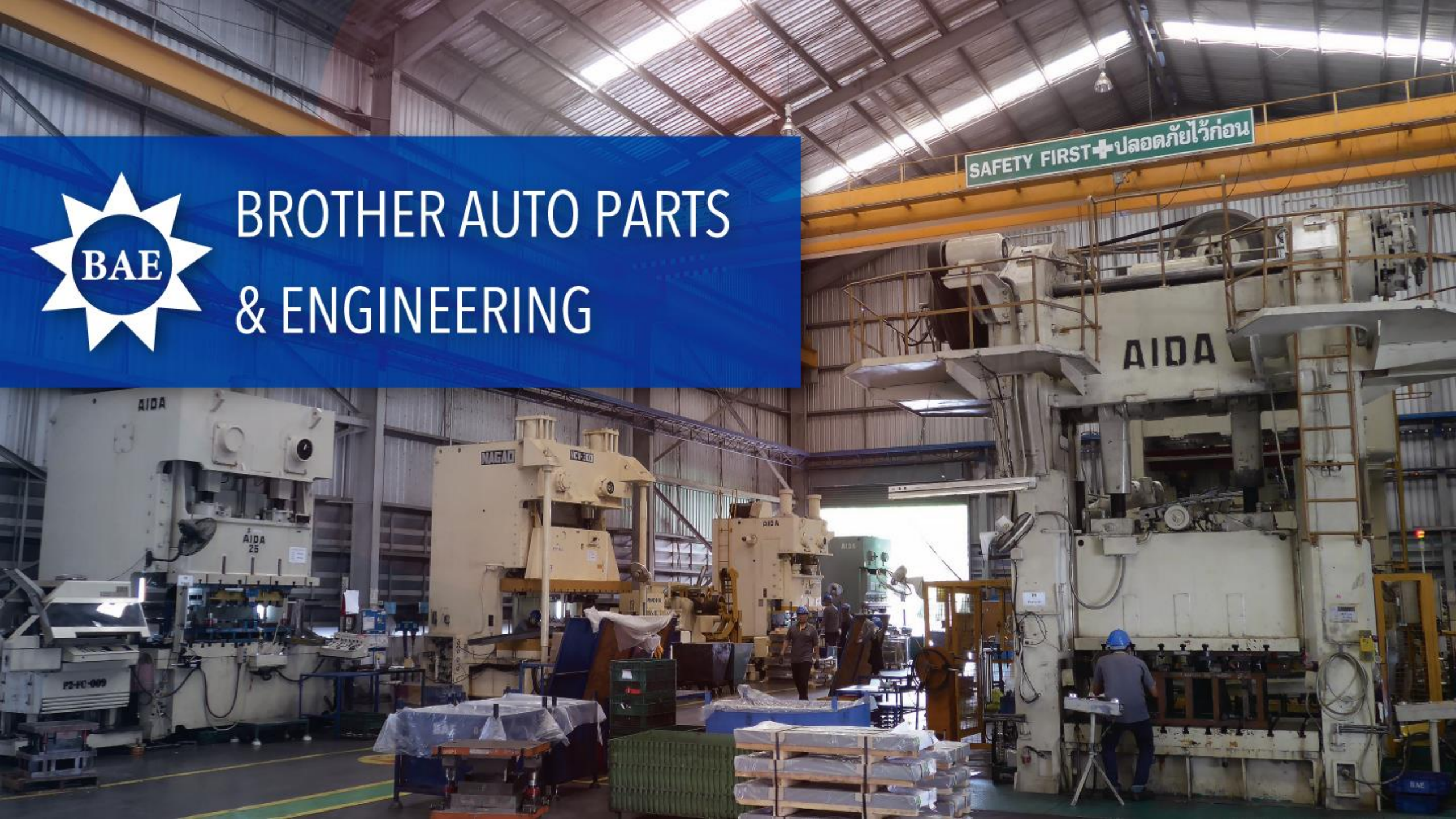
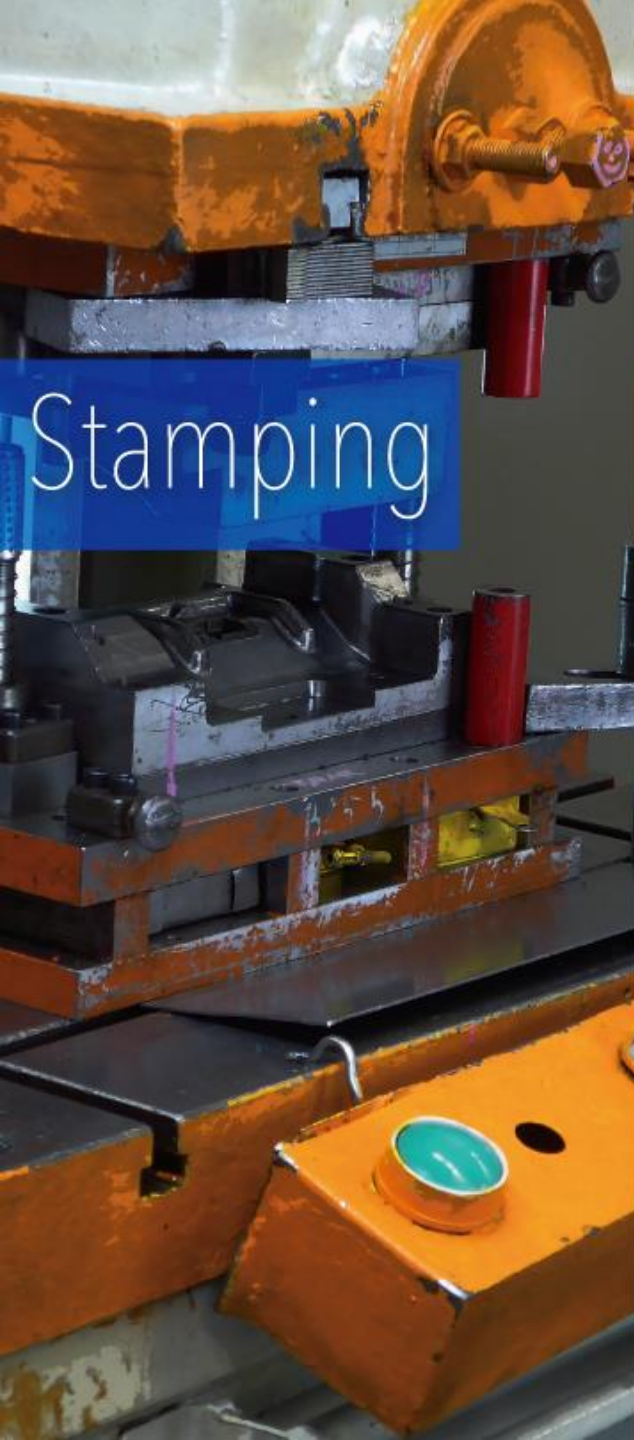


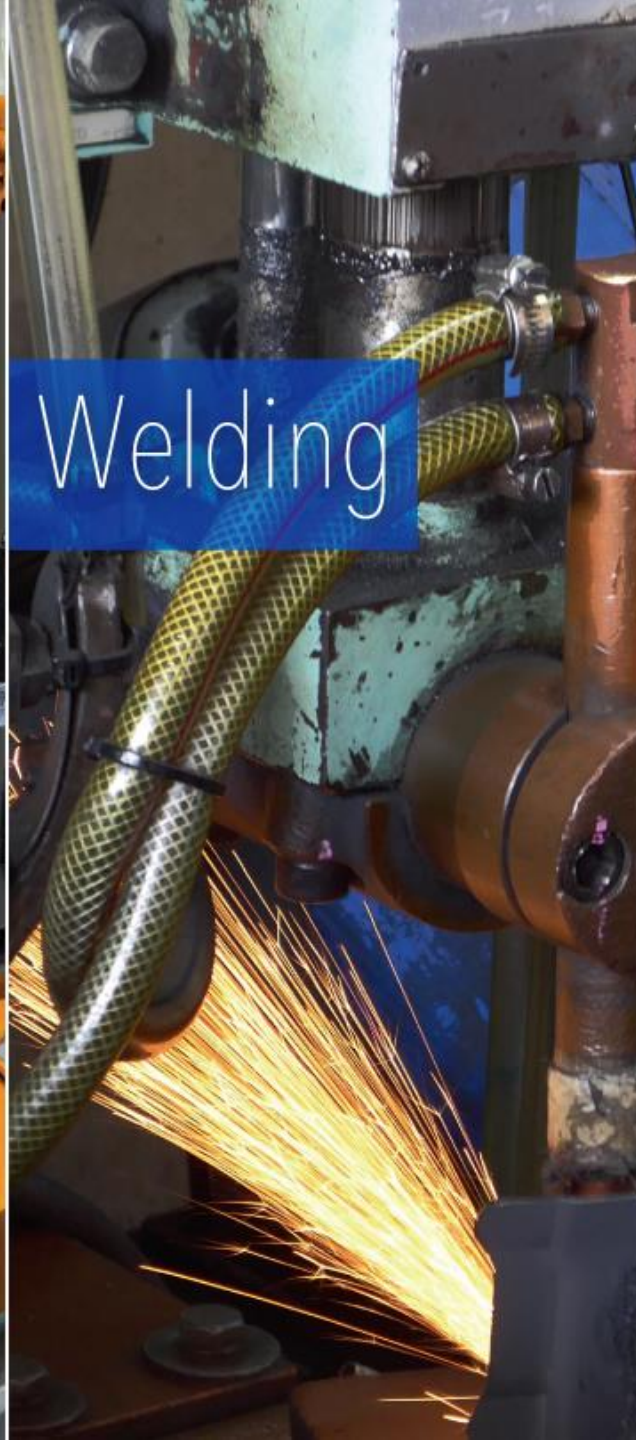


BROTHER AUTO PARTS & ENGINEERING





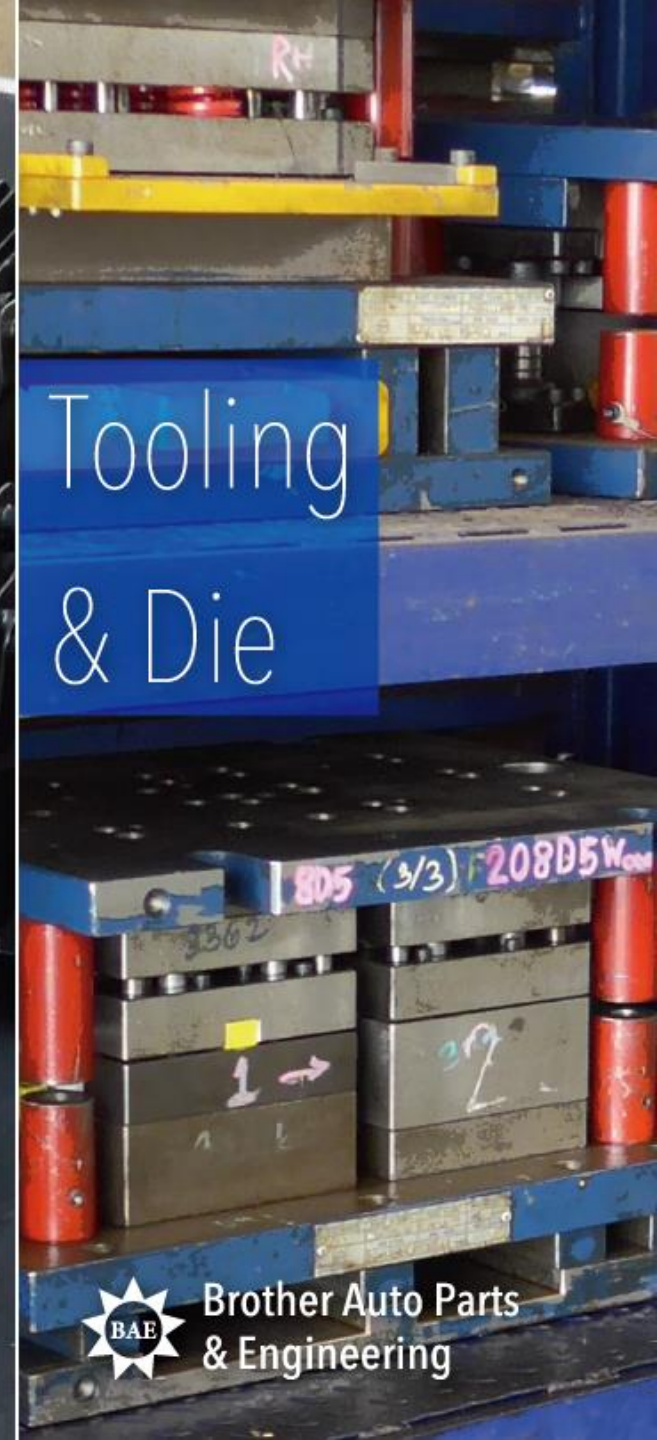
Stamping



Welding



Plating



Tooling
& Die



Brother Auto Parts
& Engineering



Company profile

Company Name Brother Auto Parts & Engineering Co., Ltd.

Business/ Product

- Metal Stamping & Welding
- Plating (EDP, Zinc, Chromiums)
- Tooling & Die

Registered date September 23, 1993

Sites / Facilities

Factory 1 / HQ

[Bangchan Industrial Estate](#), 10 Soi Ramindra
117, Yeak 2, Ramindra Rd., Minburi, Bangkok

☒ **Area** 6,400 m²

👤 **Employees** 95 persons

Factory 2

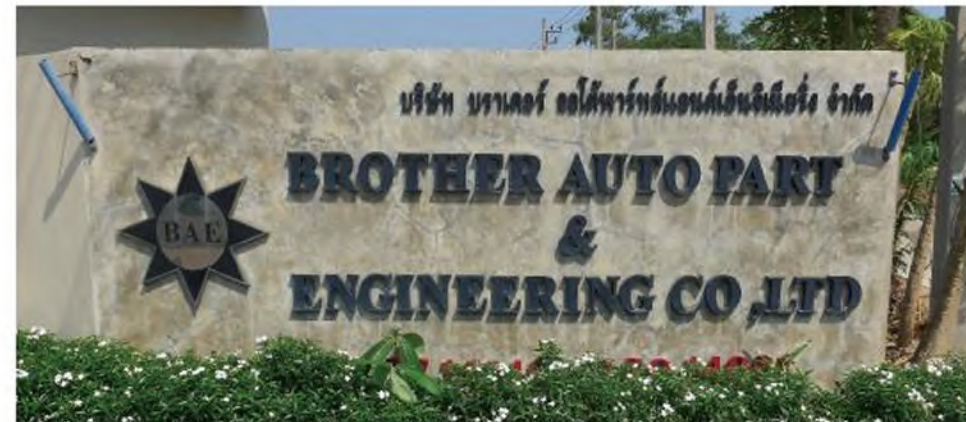
77/7 Moo 13, Saladaeng, Bangnumpraew,
Chachoengsao

☒ **Area** 68,800 m²

👤 **Employees** 95 persons

Certificates ISO 14001:2015, IATF 16949:2016

Website www.brother-autoparts.com





Location



Factory 1 / Bangkok

- Head office
- Plating facility
- Current (existing) products

Area: 6,400 m²

Employees: 95 persons

Machine	Unit	Remark
600 TON	1	
300 TON	1	
200 TON	3	Progressive 1 UNIT
150 TON	4	
110 TON	1	
100 TON	1	
80 TON	5	Progressive 2 UNITS
60 TON	3	
Spot Welding	5	



Bangkok

Chachoengsao

Chon Buri

Rayong



Factory 2 / Chachoengsao

- Tooling & Die facility
- New & current products

Area: 68,800 m²

Employees: 95 persons

Machine	Unit	Remark
500 TON (AIDA)	2	TD/PRO 2 UNITS
350 TON (AIDA)	2	TD/PRO 1 UNIT
300 TON (AIDA)	1	TD/PRO 1 UNIT
250 TON (AIDA)	2	TD/PRO 1 UNIT
200 TON	4	TD/PRO 1 UNIT
150 TON	2	
110 TON	6	TD/PRO 1 UNIT
100 TON	2	Automation
80 TON	4	TD/PRO 1 UNIT
75 TON	2	
60 TON	6	
55 TON	1	
45 TON	1	
Stamping Automation	4	
Robot Arc Welding	2	YASKAWA
Spot Welding	6	



Brother Auto Parts & Engineering



Production overview

Tooling shop

- Tools & Dies
- Checking Fixture
- Jig Assembly
- PM Tooling
- M/T Tooling

Press shop

- 45 - 600 ton
- 50 units



Assembly shop

- Spot welding
- Robot Arc welding



Plating shop

- EDP
- Zinc
- Zinc Silicon
- Zinc-Nickel

QA
QC



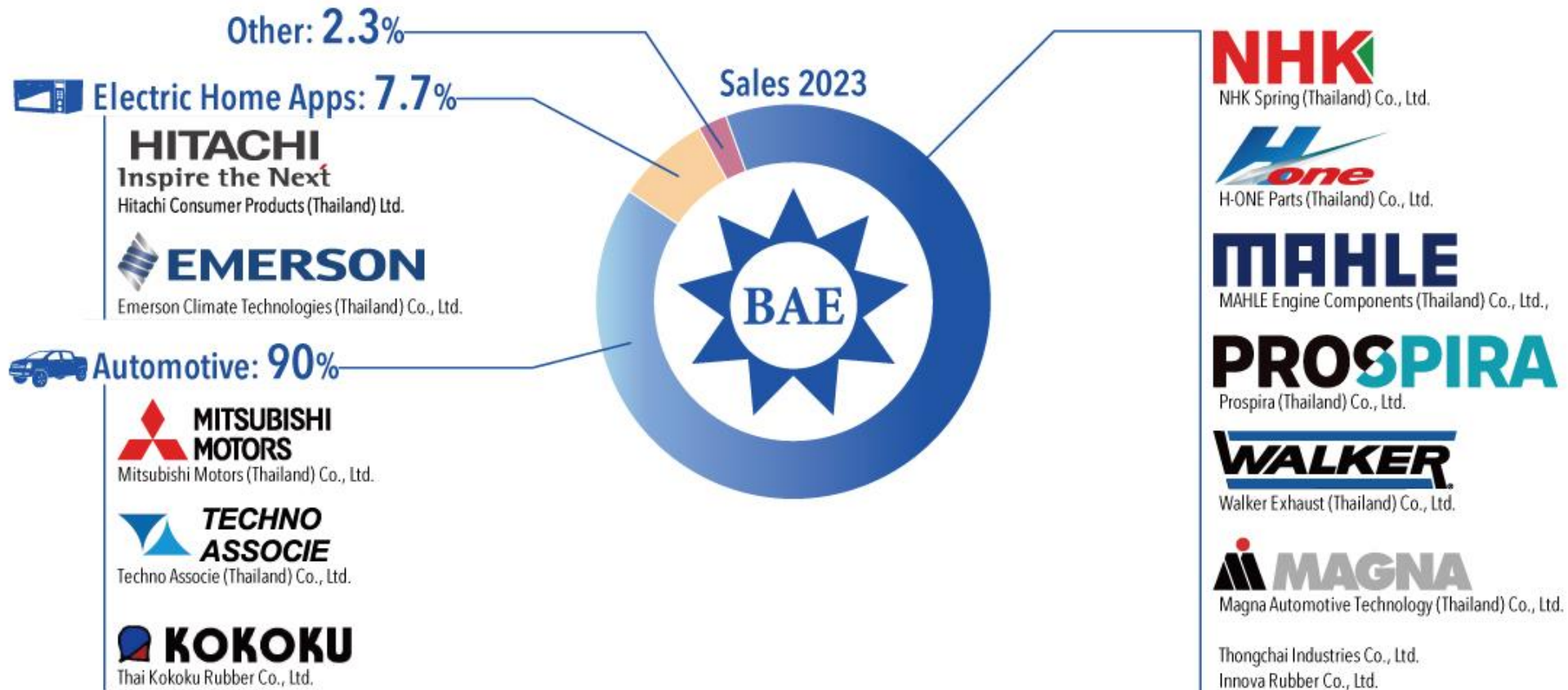
ONE STOP: All Processes can be done In-House



Brother Auto Parts
& Engineering

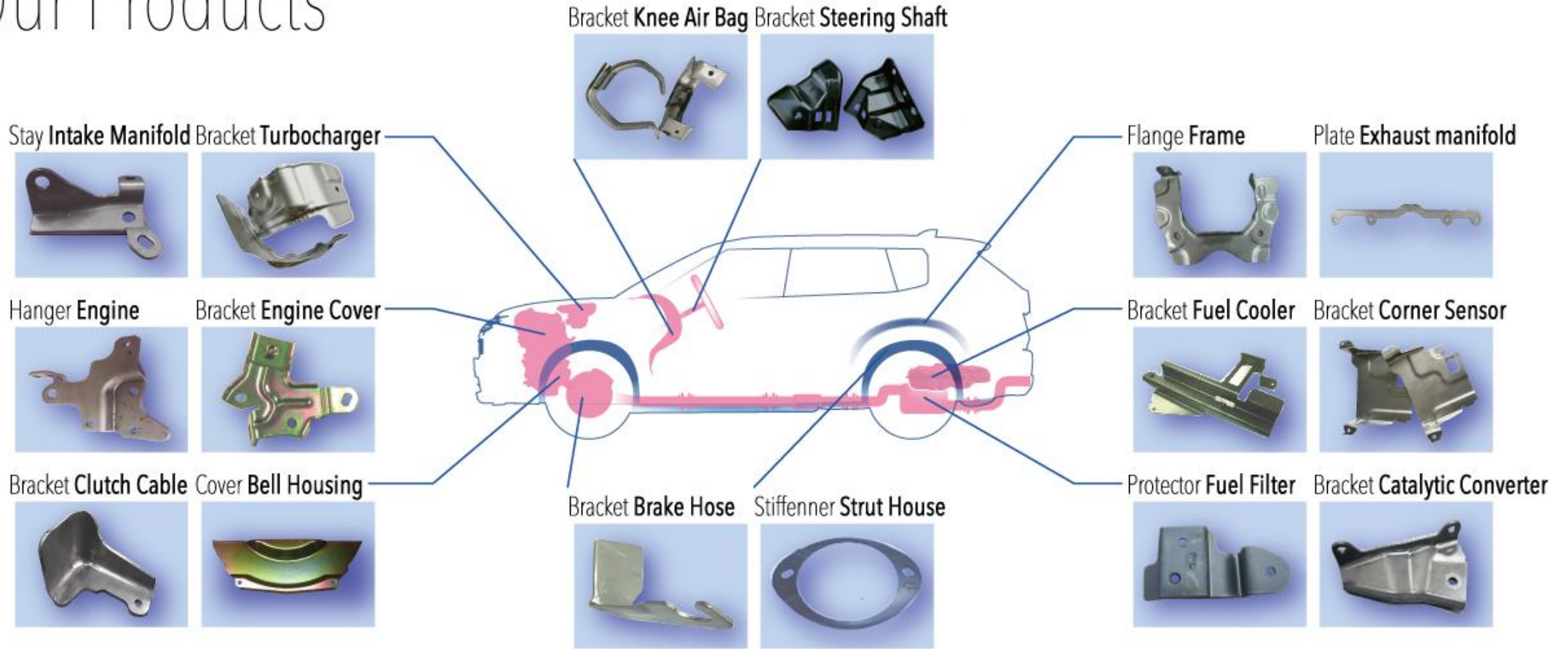


Customers & Industries





Our Products



We have strong experience in **Automotive** industry, especially **Supporting parts** such as **Bracket**.

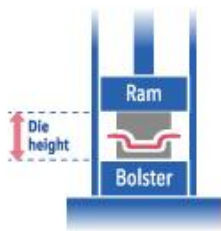


Brother Auto Parts & Engineering



Facility Stamping

*Example of our stamping / press machines



Maximum Capacity	500 TON	350 TON	300 TON	250 TON
Die height (mm)	860	800	590	550
Slide adjustment (mm)	430	450	110	120
Upper Ram size (mm)	2000 x 1200	2500 x 1520		2100 x 700
Bolster (table) size (mm)	2000 x 1300	2500 x 1520	900 x 950	2700 x 920
Type	TAND / PROG	TANDEM	TAND / PROG	TAND / PROG



Maximum Capacity	200 TON	110 TON	80 TON	60 TON
Die height (mm)	500	390	350	300
Slide adjustment (mm)	105	100	130	70
Upper Ram size (mm)	1830 x 650	600 x 500	500 x 400	500 x 400
Bolster (table) size (mm)	2400 x 800	1100 x 700	1000 x 600	900 x 550
Type	TANDEM	TANDEM	TAND / PROG	TANDEM

Factory 1 / Bangkok

Machine	Unit	Remark
600 TON	1	
300 TON	1	
200 TON	3	Progressive 1 UNIT
150 TON	4	
110 TON	1	
100 TON	1	
80 TON	5	Progressive 2 UNITS
60 TON	3	

Factory 2 / Chachoengsao

500 TON	2	TD/PRO 2 UNITS
350 TON	2	TD/PRO 1 UNIT
300 TON	1	TD/PRO 1 UNIT
250 TON	2	TD/PRO 1 UNIT
200 TON	4	TD/PRO 1 UNIT
150 TON	2	
110 TON	6	TD/PRO 1 UNIT
100 TON	2	Automation
80 TON	4	TD/PRO 1 UNIT
75 TON	2	
60 TON	6	
55 TON	1	
45 TON	1	

Stamping Automation 4

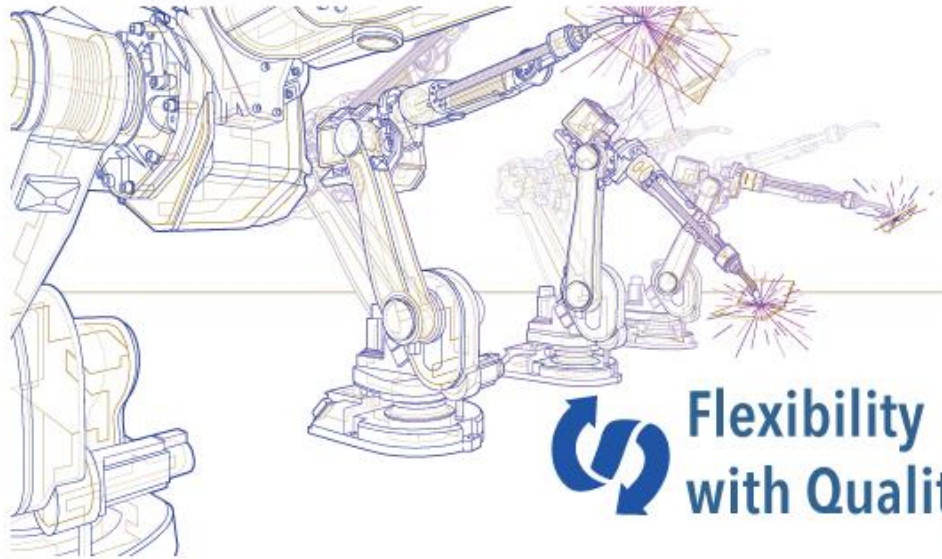


Brother Auto Parts
& Engineering



Press Tending Robot

ABB Robot ABB Automation System



 Flexibility with Quality

OTCR Transfer System



4-axis High-Precision Manipulator	2
5-axis High-Precision Manipulator	2
Double Station Feeding Machine	1
Robot Fixture/Jig Robotics Finger	5
Robot Fixture/Jig 1 QFC Change	4
Adjustable Safety Curtain	3

 Consistency / sustainability

 Safety



Facility Welding



Robot Arc Welding

Brand **YASKAWA**

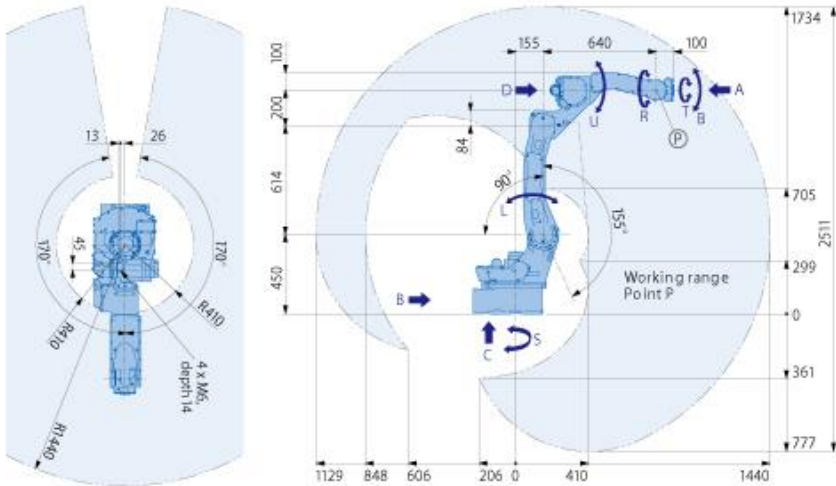
Model **Motoman MA1440**

Payload 6 kg

Reach 1,440 mm

Axes 6

Unit 2



Spot Welding

Brand **UJQ 中央製作所**

Model **S2-6-505**

Rated Capacity 50 kVA

Maximum Welding Current 20 kA

Pocket Dimension Depth 500 mm

Unit 11





Facility **Plating**

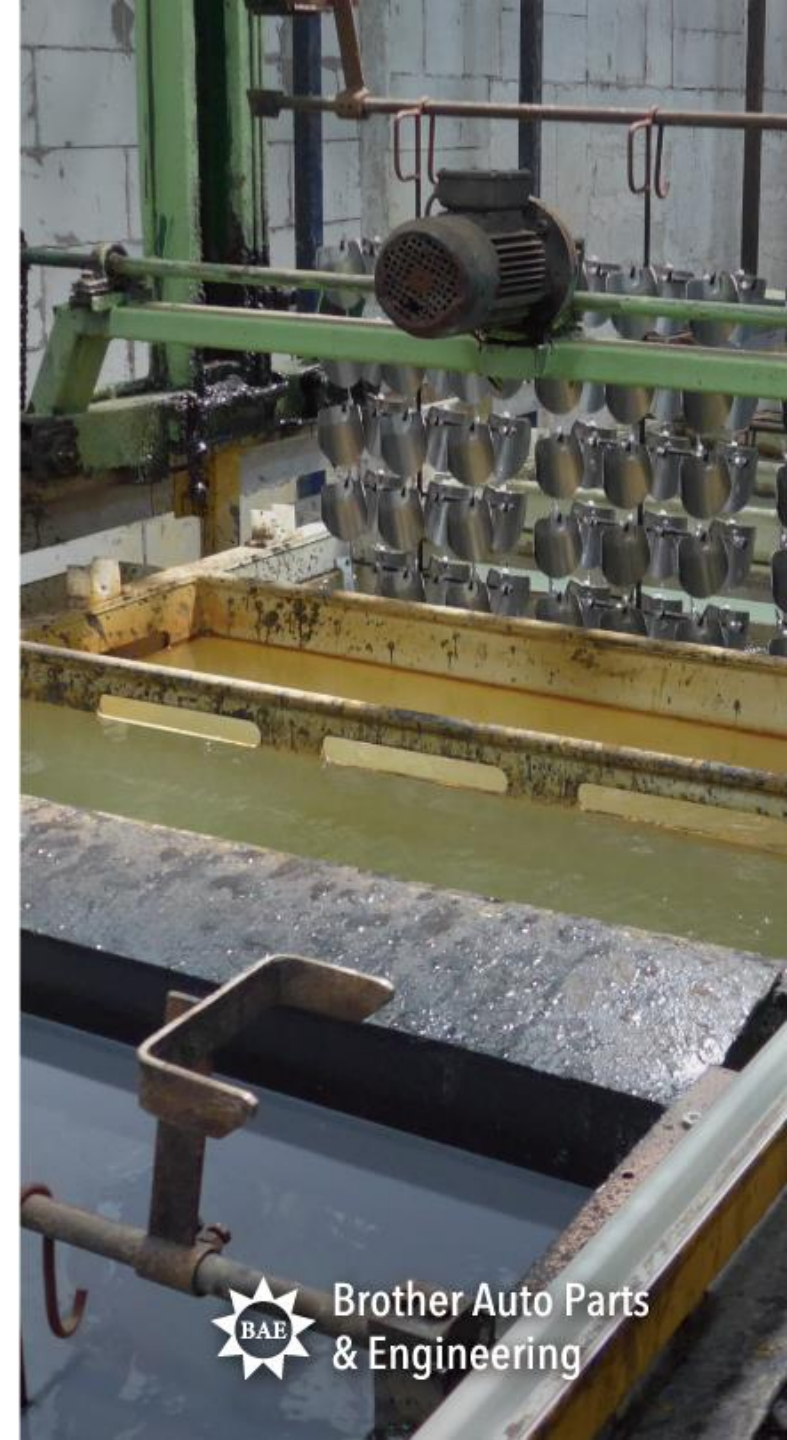
Zinc Plating

- Yellow Trivalent Zinc
w/ Chromate Coating
- Blue Trivalent Zinc
w/ Chromate Coating
- Zinc Silicon
*1,000 hour durability
- Zinc Nickel



EDP

*T/A By Thai Kansai Paint Co., Ltd.



Brother Auto Parts
& Engineering



Facility Tooling & Die



VMC machine

Brand	HARTFORD	HARTFORD
Model	HB-3210 / S	VMC-1600S
X/Y/Z travels (mm)	3200 / 2100 / 1000	1600 / 800 / 660
Table size (mm)	3200 x 2040	1700 x 750



EDM wire-cut

	Mitsubishi
	MV1200S
Max workpiece (W/D/H)	810 x 700 x 215 mm
Max workpiece weight	500 kg
X/Y/Z travels	400 x 300 x 220 mm



EDM drilling

	IDDA
	DK703
Worktable size	320 x 440 mm
Table travel	250 x 350 mm
Z axis travel	350 mm
W axis travel	300 mm



Laser scanner

Brand	Hexagon
Model	Absolute Arm 83



CAD software

Company	Cimatron	Siemens	AutoCAD
Product	12	NX ver.11	Mechanical

Other

- Die Spotting M/C
- Grinding M/C
- Manual Lathe



Brother Auto Parts & Engineering



Instrument



CMM MACHINE : Sheffield Discovery III D8



TENSILE TEST MACHINE



FARO ARM : LASER SCAN



DIGITAL HIGH GAUGE



PROFILE PROJECTOR



DIGITAL CALIPER



HARDNESS TESTER

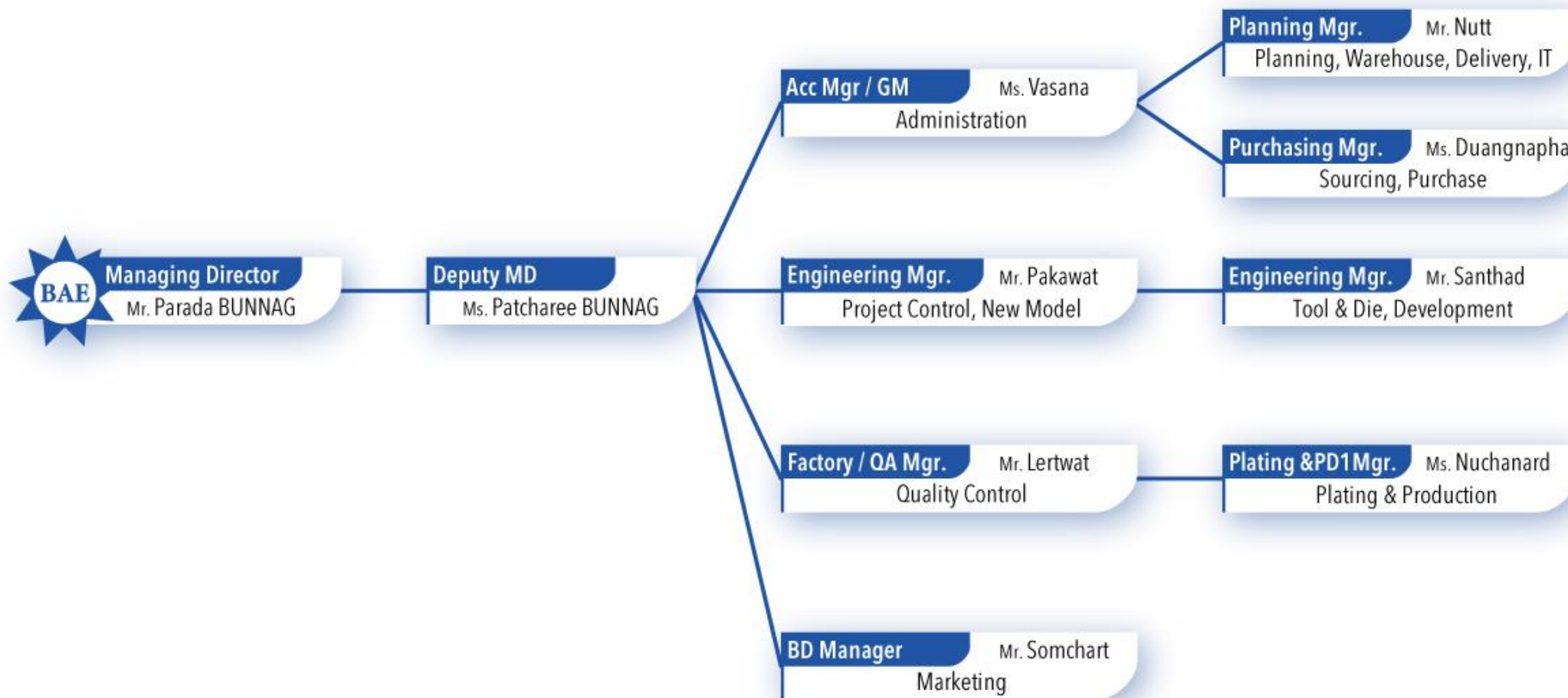


DIAL INDECATING TORQUE





Organization Chart





Bangkok Plant

Factory 1 / Head Office

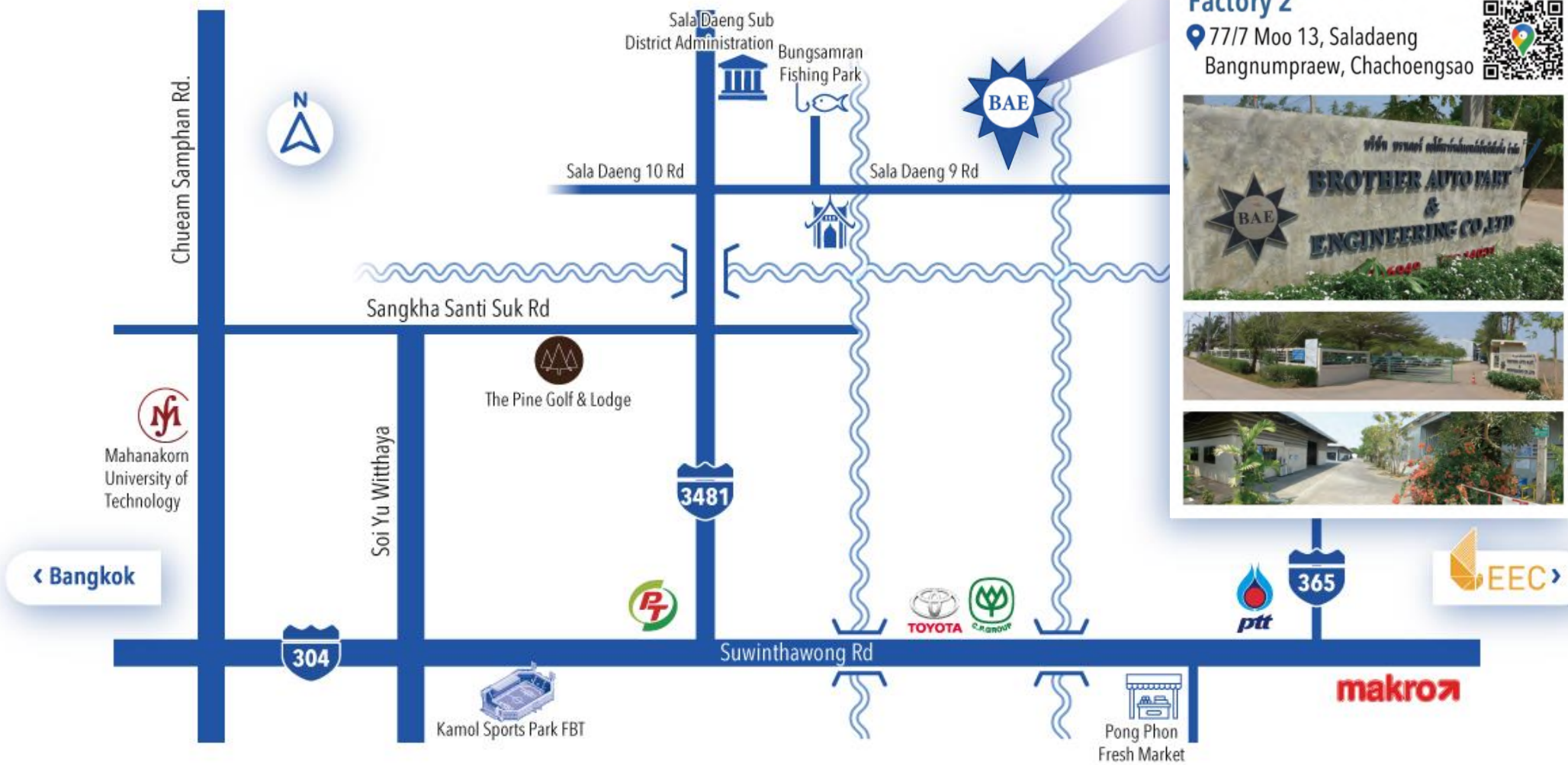
10 Soi Ramindra 117, Yeak 2,
Ramindra Rd., Minburi, Minburi

Click to Open Map





Chachoengsao Plant



Factory 2

77/7 Moo 13, Saladaeng
Bangnumpraew, Chachoengsao





Contact Person



Somchart Sangsawang

Business Development Manager

☎ 086 306 3746

✉ salesmarketing@baethai.com



Kai UEMURA 上村 絵

Sales & Marketing

☎ 099 098 2559

✉ sales@baethai.com



Brother Auto Parts
& Engineering

*THANK YOU
for Your Time!*



Brother Auto Parts
& Engineering