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INTRODUCTION

Since 1989, being active in system engineering and contracting job service customers from various manufacturing industries, Baja Satya Pratama has involved in the erection of many cranes, marble machineries, and machine based on buyer order and manufacturing of spare part for large machine industry.

Start in 1996, we developed standard system in manufacturing and has trained our employees for adding of knowledge in automotive industry and cooperate with TOYOTA MOTOR MANUFACTURING INDONESIA, ASTRA DAIHATSU MOTOR, and SUZUKI INDOMOBIL MOTOR in making of many jigs, Checking Fixtures, and Dies for market in such as Malaysia, Thailand, and Philippines.

The continuing growth of Baja Satya Pratama is attributed to the valuable contribution of all our groups. Baja Satya Pratama will, therefore, continue its full commitment on the company policy, step by step improving all substances of its working environment. The track record in Baja Satya Pratama history and present condition has proven that Baja Satya Pratama is already on the right way and will dynamically achieve its pragmatism vision of growth, together with all Baja Satya Pratama employees and customers.

We aim to make a real difference to our business. We realize that today every efficiency and economy are vital to you and Baja Satya Pratama are determined use our expertise to help you achieve success.

THE MANAGEMENT

PT BAJA SATYA PRATAMA

COMPANY PROFILE

Name	: PT. BAJA SATYA PRATAMA
Address	: Jl. Gempol Sari 340 Cijerah Bandung WEST JAVA -INDONESIA Telp. (022) 6034905, 6034906 FAX: (022) 6034906.
Date of Establishment	: May, 10 th 1989
Category	: Private National and Domestic Investment (PMDN) Company
Permit	: The Department Industry No. : 51 - 10 - 12 PM - 4 - 89 Date : April 03 rd 1989
Line of Business	: Machinery, Automotive Welding Jig, Checking Fixture, and Dies Manufacturing
Investment	: Rp. 60.000.000.000
Employee	: 132 Person
Board of Management	: Mr. Iskandar
Associated Companies	: - PT. INDOPUMP (CAPRARI pump agent) - PD. PLANEET (EBARA pump sales agent) - PT. BANDUNG MARMER (marble factory)

CLASSIFICATION

A. Specialist Division

- Stamping Die
- Automotive Welding Jig
- Checking Fixture maker

B. General Work Division

- General Machining
- Production of Marble Machinery
- Assembling of Pump
- Spare Part Service
- Construction and Fabrication Production
- Over Head Crane & Gantry Crane

PRODUCTION CAPACITY

A. Production Plant

- Factory Area : 26. 000 M²
- Building Area : 7.695 M²

B. Man Power

	Technical	Design	QC	Fabrication
Engineer	6	6	7	-
Supervisor	10	2	2	-
Leader / Operator	-	-	-	99
Total	16	8	9	99

B. Jig Production Capacity

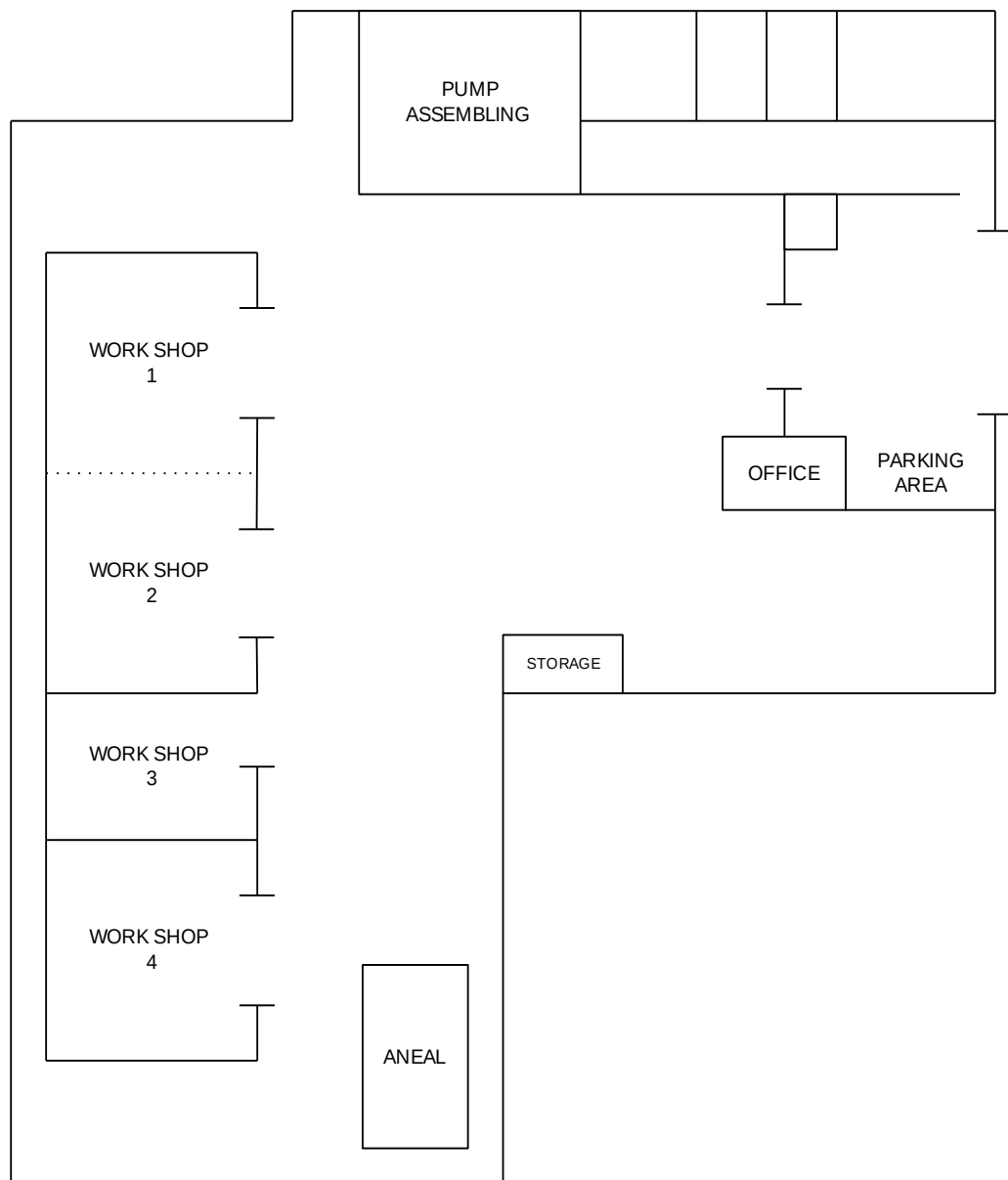
- Locator : 900 - 1300 locator / year
- Jig & Fixtures : 5 - 7 jigs / month
- Die making medium size : 6 - 8 unit / month
- Checking fixture medium size : 8-12 unit/ month

D. Marble machinery production capacity

- Cutting machine : 6 units / year
- Polishing machine : 5 units / year

PRODUCTION FACILITY

A. Factory Layout



WORKSHOP 1



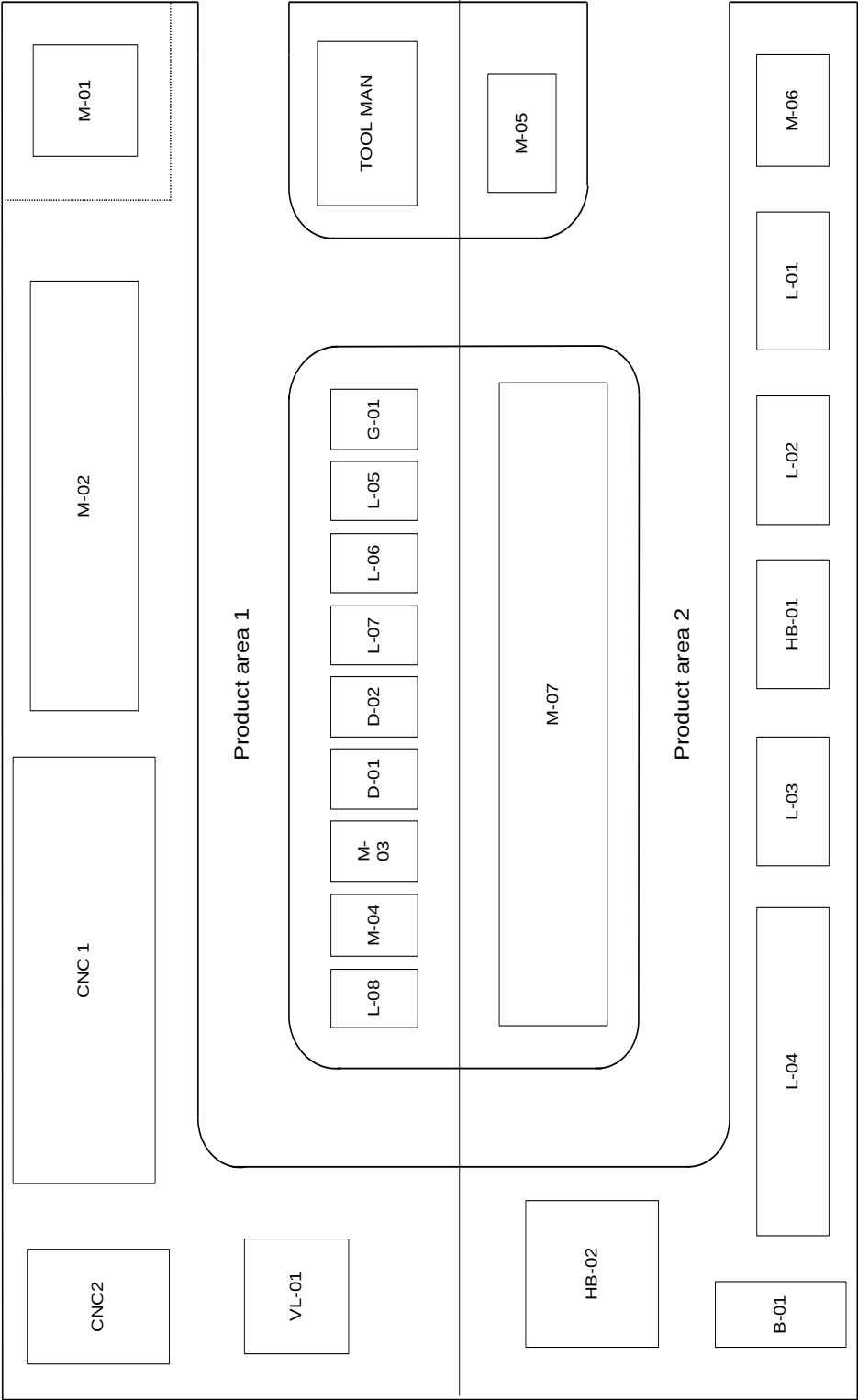
WORKSHOP 1



CNC Machining Center 3000 X 2600mm

500 Ton Power Press





Product area 1 & 2 Layout

B. Production Plant

B. 1. WORK SHOP 1 & 2

NO.	Machine No.	NAME	Maker	CAPACITY
1	M - 01	CNC Milling	HARTFORD	1000 X 500 m/m
2	M - 02	Milling	Kendall / England	1500 X 4000 m/m
3	M - 03	Nc Mill	Makino / Japan	Ø 400 X 1000 m/m
4	M – 04	Nc Mill	Makino / Japan	Ø 400 X 1000 m/m
5	M – 05	Milling	USSR	Ø 600 X 600 m/m
6	M – 06	Universal Mill	USSR	600 X 1200 m/m
7	M – 07	Milling	Waldrich Siegen / Germany	2800 X 12000 m/m
8	L – 01	Lathe	Eriksen / Germany	Ø 200 X 1500 m/m
9	L - 02	Lathe	USSR	Ø 900 X 3000 m/m
10	L – 03	Lathe	NAGA / Korea	Ø 400 X 4000 m/m
11	L – 04	Lathe	England	Ø 600 X 6000 m/m
12	L – 05	Lathe	HOWA / Japan	Ø 250 X 1500 m/m
13	L – 06	Lathe	Leiden Reich / Germany	Ø 250 X 2000 m/m
14	L - 07	Lathe	Germany	Ø 300 X 2000

				m/m
15	L – 08	Lathe	L5 / Korea	Ø 300 X 2000 m/m
16	B - 01	Balancing	Schenk	1500 kg / 60000 rpm
17	G – 01	Grinding	JOTES / Germany	Ø 250 X 1500 m/m
18	D – 01	Radial Drill	Hole Wizard	Ø 40 m/m
19	D – 02	Radial Drill	NAGA / Korea	Ø 45 m/m
20	VL - 01	Vertical Lathe	USSR	Ø 2500 m/m
21	CNC 1	Milling	HARTFORD	2000 X 4000 m/m
22	CNC 2	Milling	HARTFORD	2600 X 3000 m/m
23	HB – 01	Horizontal	Germany	Ø 500 X 1500 m/m
24	HB – 02	Boring	Niles / Germany	Ø 1000 X 1200 m/m
25	C	Slotting	Korea	Ø 1800 m/m

WORKSHOP 2



4000 X 1500mm Plano Miller

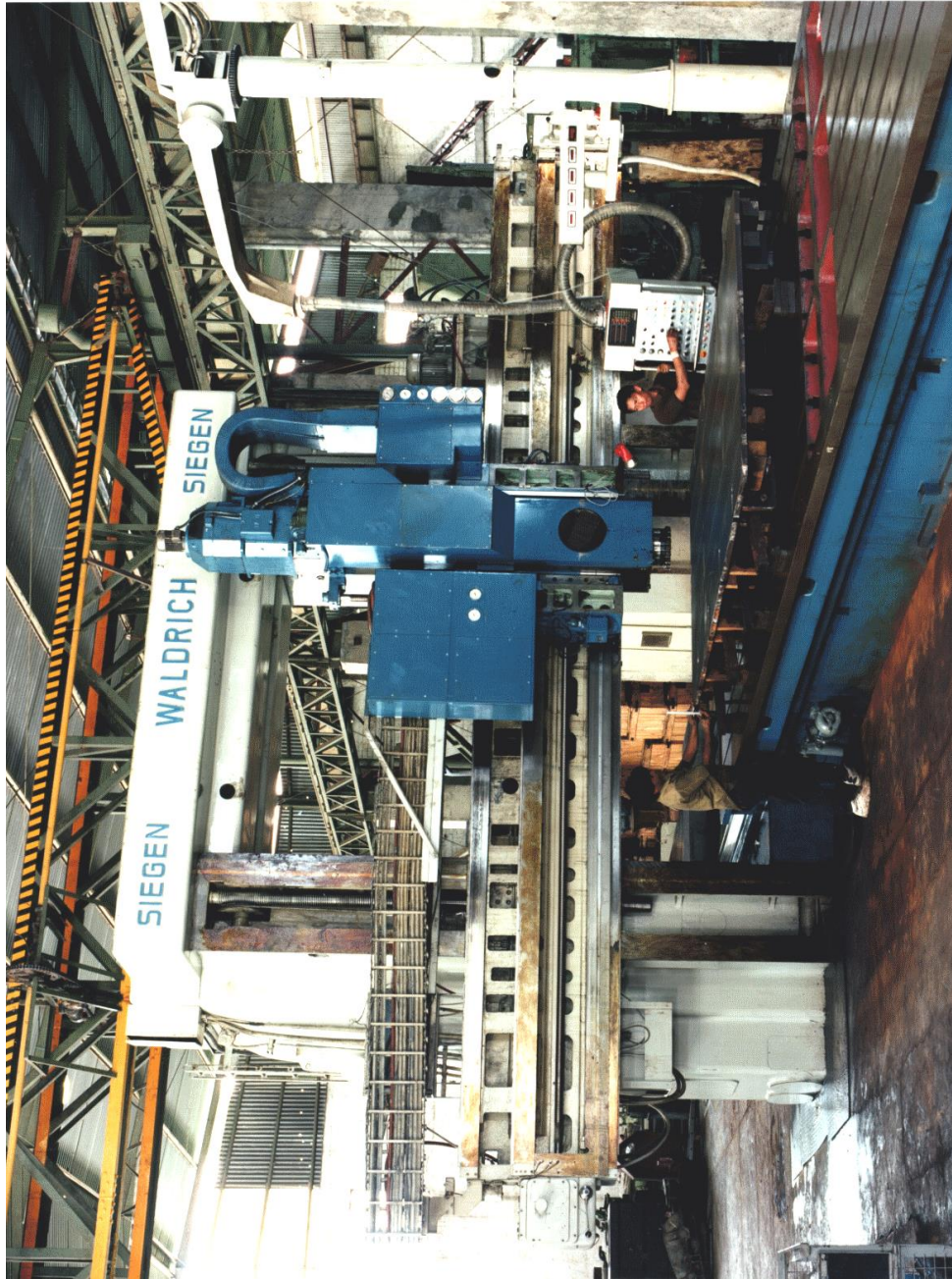




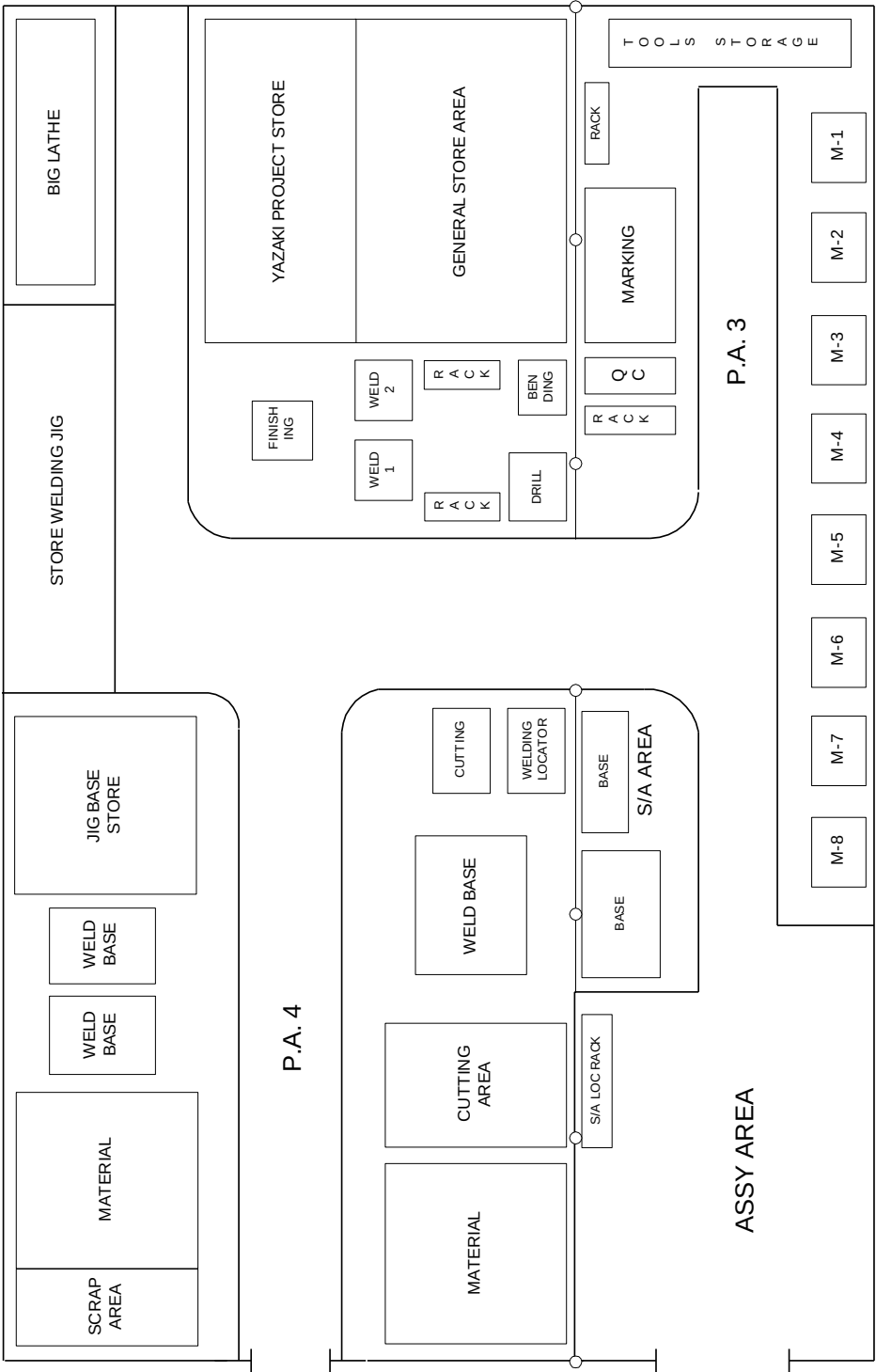
CNC Machining Centre



CNC Machining Center 4000 X 2000mm



**2800 mm X 11000 mm
HEAVY DUTY PLANO MILLER**



PRODUCT AREA 3 & 4 LAYOUT

B. 2. WORK SHOP 3

NO.	Machine No.	NAME	Maker	CAPACITY Base
1	M - 1	Milling & Drilling	A6 32-1 / Korea	240 X 800 m/m
2	M - 2	Milling & Drilling	A6 32-1 / Korea	240 X 800 m/m
3	M - 3	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
4	M - 4	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
5	M - 5	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
6	M - 6	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
7	M - 7	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
8	M - 8	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
9	M - 9	Milling & Drilling	A6 32-1/Korea	240 X 800 m/m
10	D - 1	Drilling Machine	ZA 7532/Korea	Ø 40 m/m
11	D - 2	Drilling Machine	S/N 4840/Korea	Ø 40 m/m
12	D - 3	Drilling Machine	S/N 4840/Korea	Ø 40 m/m
13	L - 1	Lathe	Hamburg/Germany	Ø 200 X 1500
14	L - 2	Lathe	van Swaay/Germany	Ø 200 X 1500

B.3. WORK SHOP 4

A. Cutting Machine

No.	Name	Maker	Capacity	Qty
1	Saw Cutting	Stand Comport/Russia	Ø 6 inch	1
2.	Saw Cutting	Stand Comport/Russia	Ø 4 inch	2
3	Rotary Cutting	A567/RRC	40 m/m	1
4	Burner Out	A654/RRC	50 m/m	4

B. Welding Machine

No	Name	Maker	Capacity	Qty
1	SAW machine (including Jig)	Noritec	100 - 300 Amp	6
2	Electric Welding	Max ARC – England	70 – 500 Amp	2
3	Electric Welding	National/Japan	60 – 400 Amp	2
4	Electric Welding	Hobart/USA	80 – 600 Amp	3
5	DC Welding Generator	Kjellberg/Germa ny	350 Amp	2
6	Argowig	Meesser- Griesheim	25-170 Amp	1
7	Electric Welding	Japan		

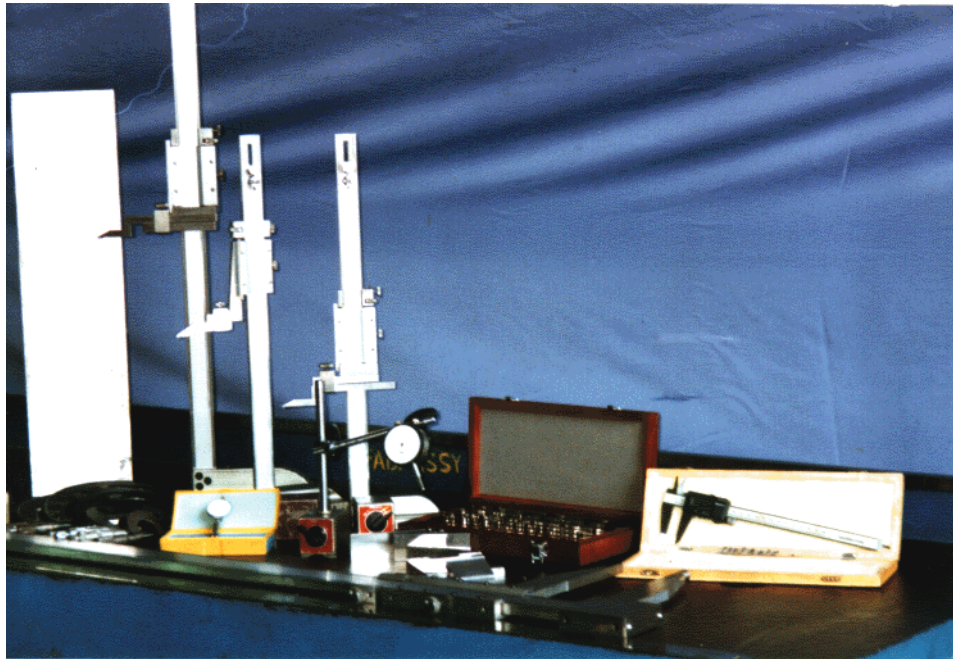


WORKSHOP 3 & 4



E. Metrology & Testing Equipment E. G

No	Name	Capacity	Accuracy	Maker	Qty
1	Straight Edge	300/400 m/m	0.01 m/m	RRC	2
2	Square	1000 X 660	0,01 m/m	Germany	2
3	Mask Block	300/500	0.01 m/m	Mitutoyo	2
4	Height Gauge	400	0.01 m/m	Mitutoyo	2
5	Digital Gauge	800	0.01 m/m	Mitutoyo	1
6	Special Block	100 X 100	0.01 m/m	Mitutoyo	2
7	Special Block	100 X 45	0.01 m/m	Mitutoyo	2
8	Special Block	300 X 45	0.01 m/m	Mitutoyo	2
9	Block Gauge	/set	0.01 m/m	Mitutoyo	1
10	Magnet Block	150	0.01 m/m	RRC	2
11	Caliper	300	0.05 m/m	RRC	5
12	Caliper	1000	0.05 m/m	RRC	1
13	Digital Caliper	150	0.01 m/m	Mitutoyo	1
14	Digital Caliper	300	0.01 m/m	Mitutoyo	1
15	Dial Indicator	10	0.01 m/m	JAPAN	2
16	Plate Ruler	500	0.1 m/m	SINWA	1
17	Plate Ruler	1000	0.1 m/m	SINWA	1
18	Micrometer	0 - 25	0.01 m/m	Switzerland	1
19	Micrometer	25 - 50	0.01 m/m	Switzerland	1
20	Micrometer	50 - 75	0.01 m/m	Switzerland	1
21	Micrometer	125 - 200	0.01 m/m	Switzerland	1
22	Straight Edge	1500	0.01 m/m	JAPAN	1
23	Cylinder Gauge	160 - 250	0.01 m/m	Mitutoyo	1
24	Caliper	200	0.01 m/m	Mitutoyo	1
25	Mask Block	40 X 40	0.01 m/m	RRC	2
26	Mask Block	60 X 60	0.01 m/m	RRC	1
27	Mask Block	150 X 154	0.01 m/m	RRC	1
28	Hardness Tester	30-250 kp		Kend Frank GMBH	1
29	Annealing Furnace	0.4 Cubic Inch		AGW /England	1
30	Balancing Machine	60000 Rpm		Schenck GMBH	1
31	Tool Grinder		0.001	Whitnon/USA	1



MEASURING TOOLS



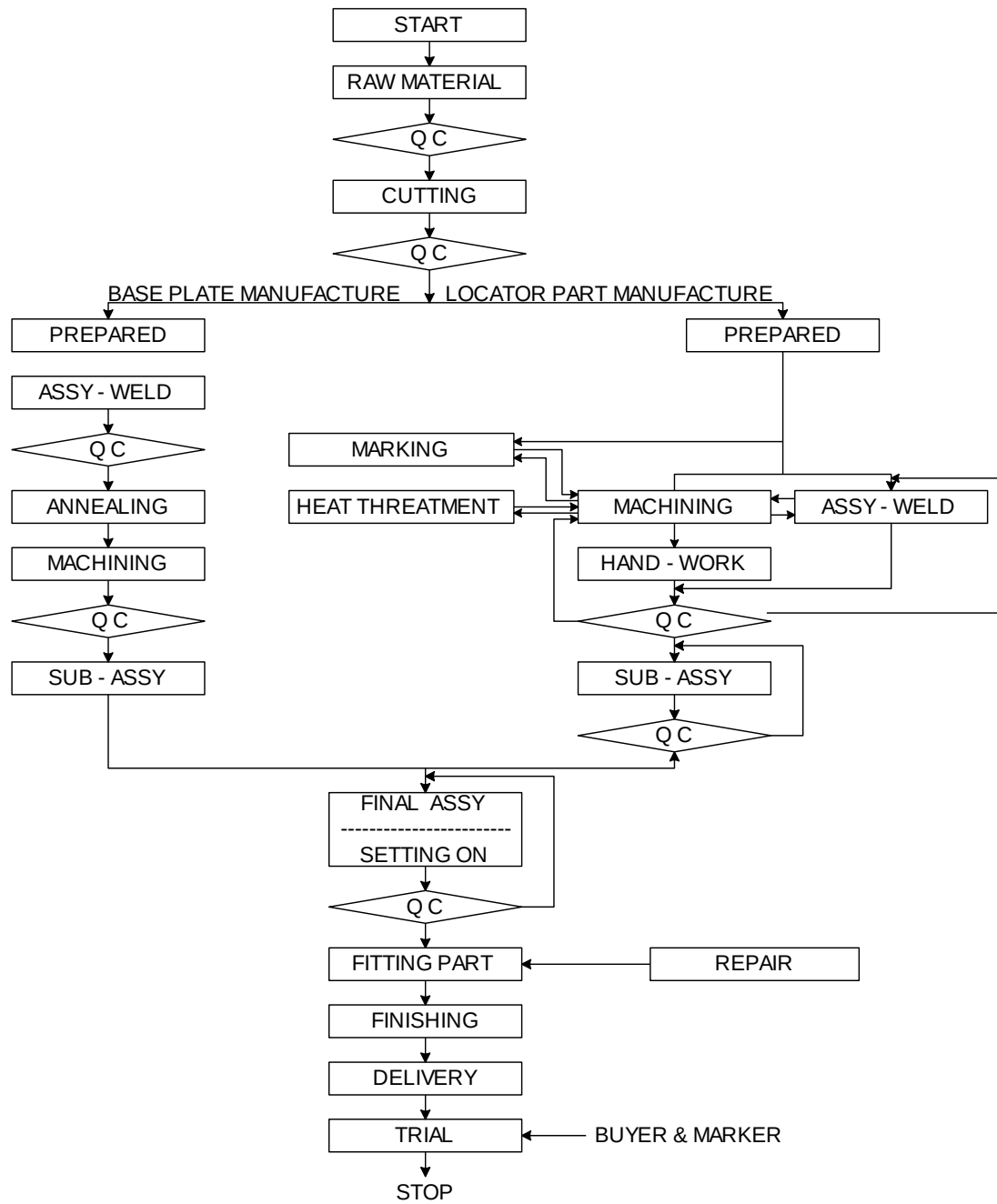
FINAL CHECK

CUSTOMER LIST OF BAJA SATYA PRATAMA COMPANY FOR WELDING JIG

No.	Customer	Product	Location
1	PT. Toyota Motor Manufacturing Ind	Jig Assy	Jakarta
2	PT. Astra Daihatsu Motor	Jig Assy & Design Jig	Jakarta
3	PT. Fuji Technica Indonesia	Jig Assy Die Making	Jakarta
4	PT. Inti Pantja Press Industri	Jig Assy Die Making	Jakarta
5	PT. Suzuki Indomobil Motor	Jig Assy	Jakarta
6	PT. Isuzu Astra Motor Indonesia	Jig Assy	Jakarta
7	PT. Toyota Tsusho Mechanical Engineering	Jig Assy	Jakarta
8	PT. General Motors Indonesia	Jig Assy	Bekasi
9	PT. Mekar Armada Jaya (New Armada)	Jig Assy Die Making	Magelang
10	PT Adyawinsa Dinamika	Jig Assy Die Making	Karawang

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AUTOMOTIVE WELDING JIG PROCESS



YEAR	ACTIVITY
2007	JIG FOR SUZUKI JIG FOR PANTJA MOTOR JIG FOR ASTRA DAIHATSU MOTOR JIG FOR TOYOTA ASTRA MOTOR
2008	JIG FOR SUZUKI JIG FOR DAIHATSU MOTOR JIG TOYOTA ASTRA MOTOR CHECKING FIXTURE for TOYOTA
2009	JIG FOR SUZUKI JIG FOR DAIHATSU MOTOR JIG TOYOTA ASTRA MOTOR CHECKING FIXTURE for TOYOTA CHECKING FIXTURE for ASTRA DAIHATSU MOTOR DIE MAKING FOR TOYOTA
2010	JIG FOR SUZUKI JIG FOR DAIHATSU MOTOR JIG TOYOTA ASTRA MOTOR DIE MAKING FOR ADW DIE MAKING FOR FTI DIE MAKING FOR IPPI
2011	JIG FOR SUZUKI JIG FOR DAIHATSU MOTOR JIG TOYOTA ASTRA MOTOR CHECKING FIXTURE for TOYOTA CHECKING FIXTURE for ASTRA DAIHATSU MOTOR DIE MAKING FOR MAJ DIE MAKING FOR TOYOTA DIE MAKING FOR ADW

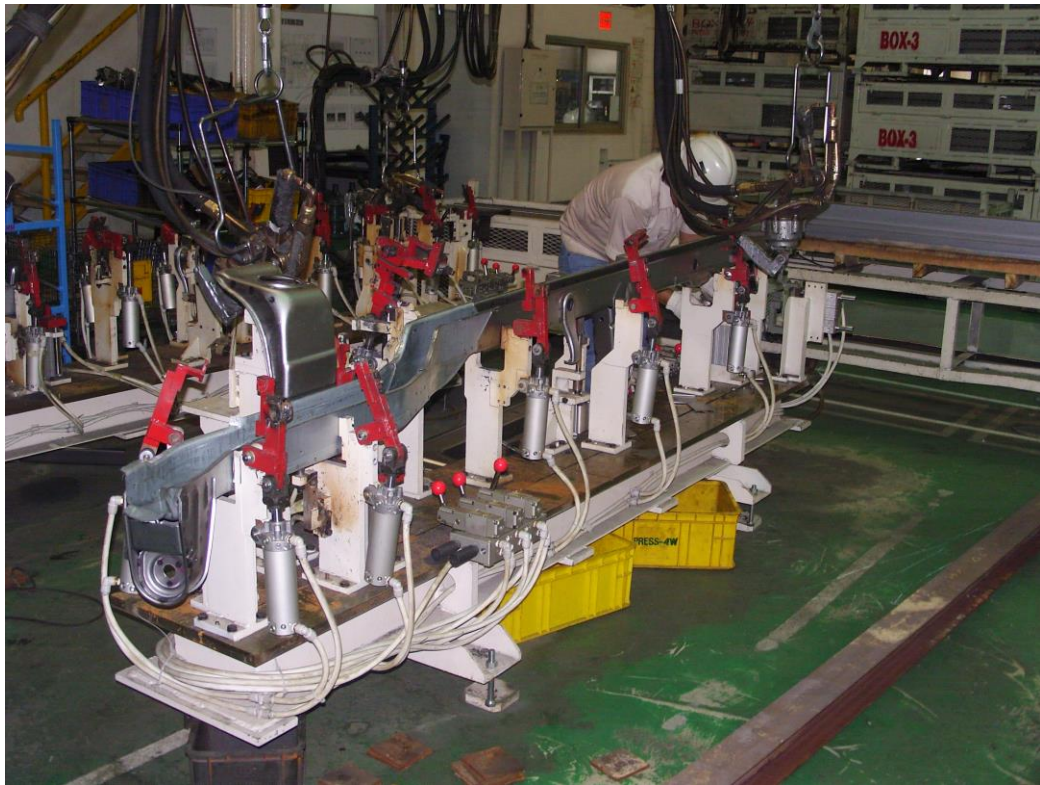
OUR NEW STAMPING PLANT



OUR NEW STAMPING PLANT



SOME OF AUTOMOTIVE JIGS MADE BY PT. BAJA SATYA PRATAMA



FRAME COMP WELDING JIG

SOME OF AUTOMOTIVE JIGS MADE BY PT. BAJA SATYA PRATAMA



FRONT and REAR BUMPER PUNCH MACHINE

SOME OF AUTOMOTIVE JIGS MADE BY PT. BAJA SATYA PRATAMA



ROOF WELDING JIG

SOME OF AUTOMOTIVE JIGS MADE BY PT. BAJA SATYA PRATAMA

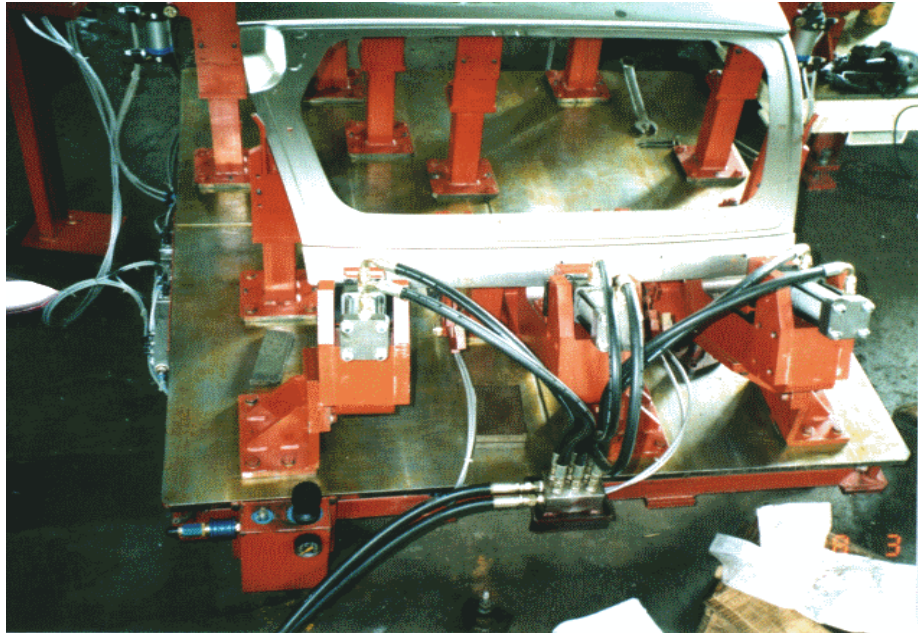


SIDE MEMBER JIG

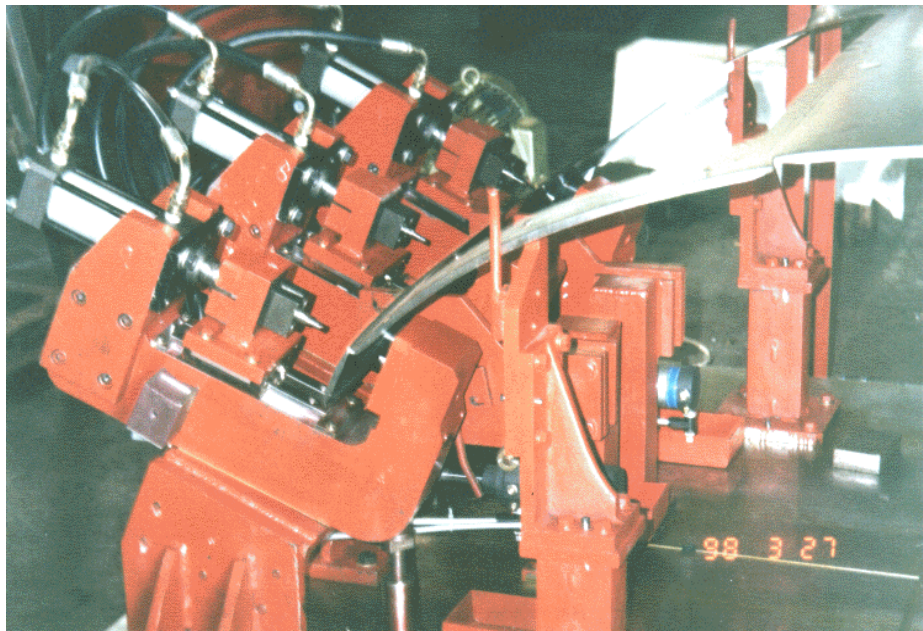


FLOOR WELDING JIG

**SOME OF AUTOMOTIVE JIGS MADE BY PT. BAJA SATYA PRATAMA
(Pierching jig)**



BACK DOOR HYDRAULIC PUNCH MACHINE



FRONT AND REAR DOOR SUB ASSY CHECKING FIXTURE



SUB ASSY FRONT and REAR CHECKING FIXTURE

TURN OVER MACHINE for TOYOTA



MAIN BODY JIG



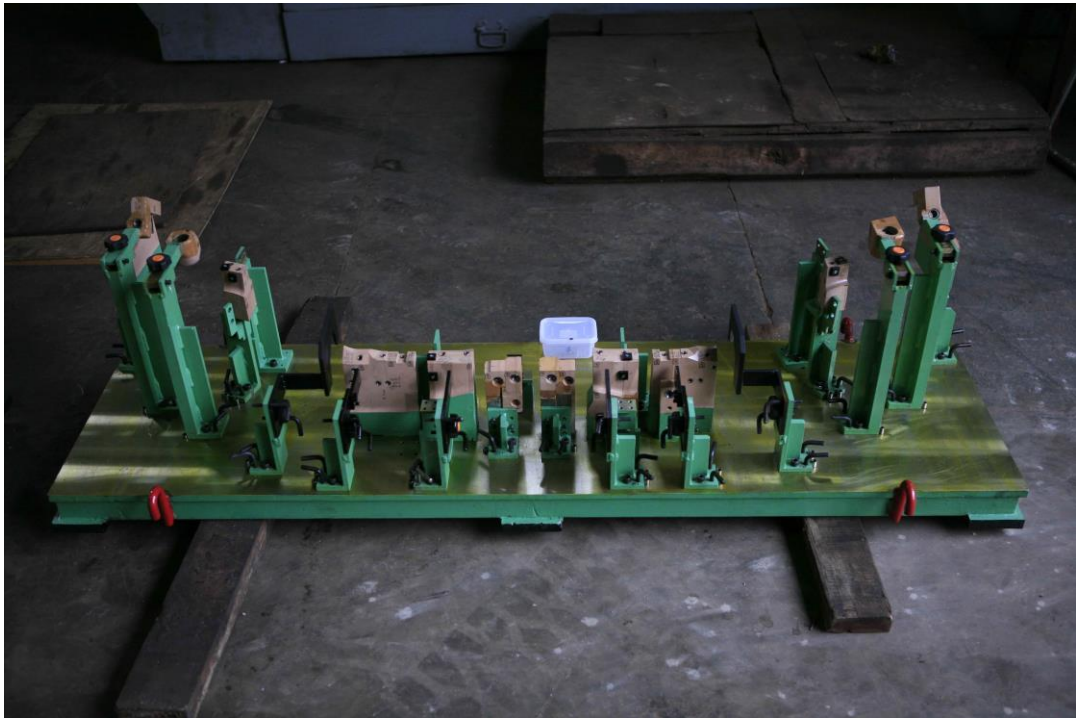
**WHEEL HOUSE JIG LINE for
TOYOTA MOTOR Corp. AUSTRALIA**



CHECKING FIXTURE MANUFACTURING



CHECKING FIXTURE MANUFACTURING

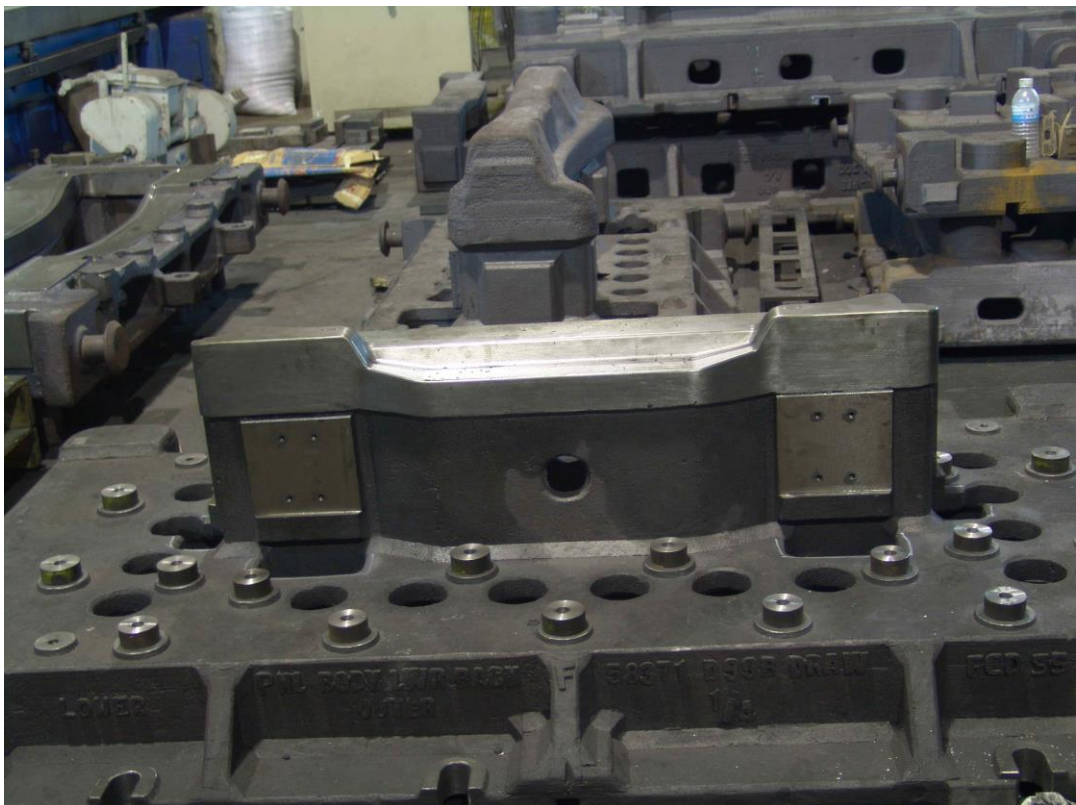


DIES MANUFACTURING

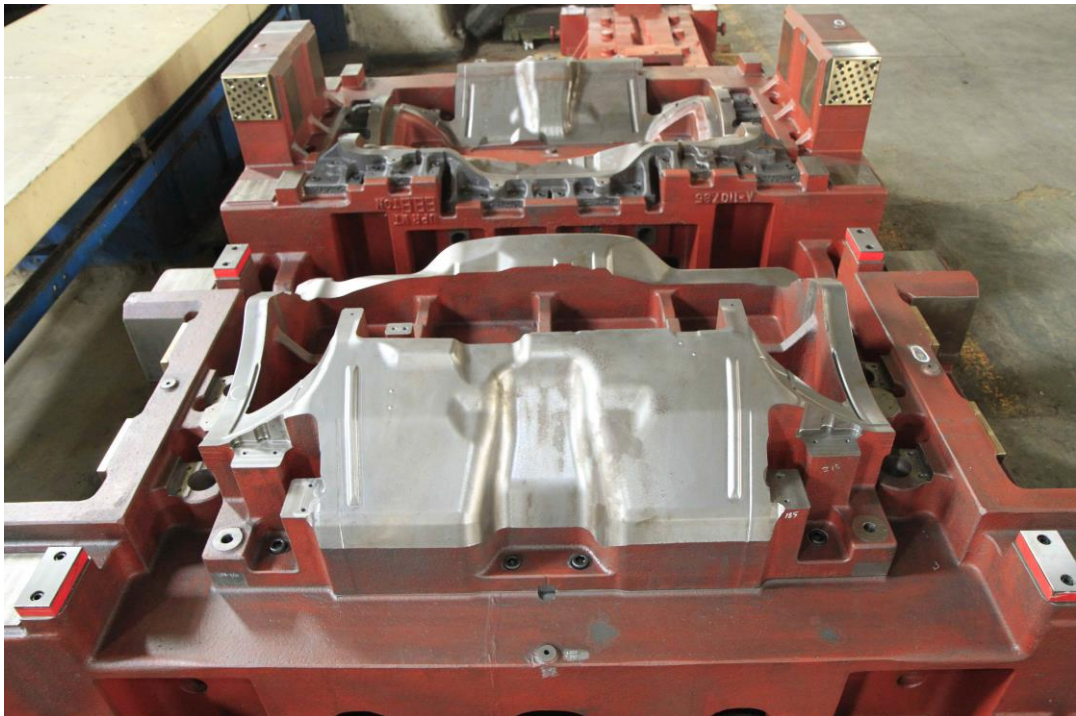


COWL TOP DIES MANUFACTURING

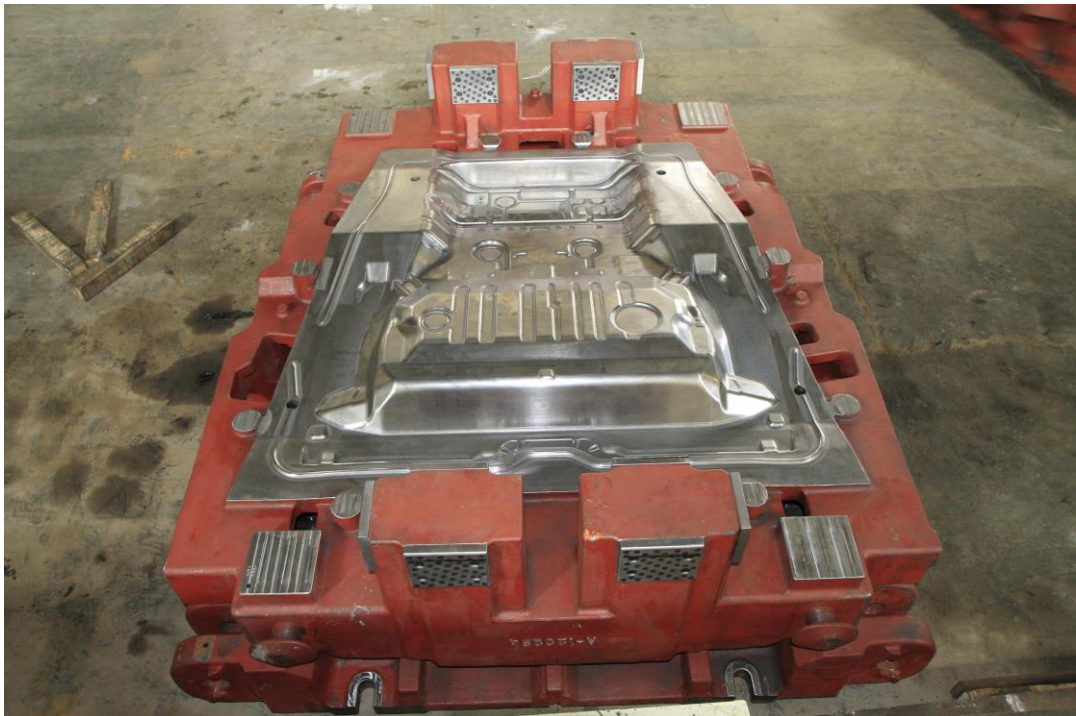




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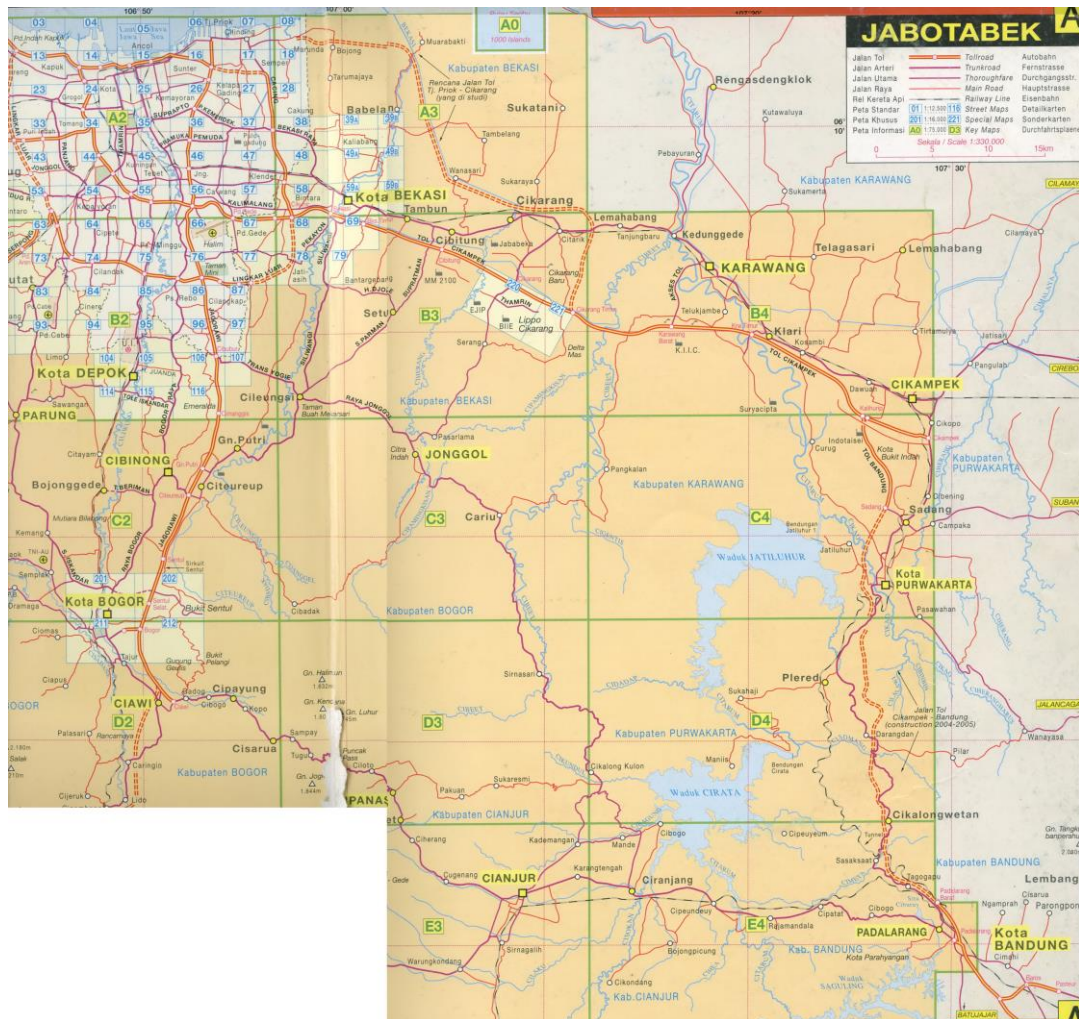


DIES MANUFACTURING



DIES MANUFACTURING





**DISTANCE BETWEEN BAJA SATYA PRATAMA FACTORY
AND TANJUNG PRIOK HARBOUR IS 147.7KM
(2 HOUR TOLL ROAD DRIVING)**



**DISTANCE BETWEEN BAJA SATYA PRATAMA FACTORY
AND BANDUNG AIRPORT IS 6,6 KM
(22 MINUTE DRIVING)**