



PLATINDO
innovative solution



MIXERS • TANKS • PIPING • TURNKEY • AUTOMATION

Company History

PT PLATINDO CIPTA RAYA is an engineering company with extensive experience in design and manufacture of industrial machineries such as: reactor, storage tank, mixing equipment, dissolver, drying system, hydromechanical equipment, industrial plant, and other engineered product.

Since founded in 1993, it has quickly built its capability to deliver innovative engineering product and expand its client base from chemical plant to infrastructure, agriculture and other industries.

The company is devoted to design high quality and efficient product. Many professional and skillfull technician are engaged in product development and quality assurance system.

All product are designed and manufactured to meet customer requirements, mostly for specific application in: food, agriculture, chemical processing industries, pharmacy, sanitary treatment equipment and manufacturing automation.





Vision & Mission

VISION

TO BE A TRUSTED MECHANICAL
ENGINEERING AND MANUFACTURING
COMPANY FOR MIXER, TANK,
EQUIPMENT AND CUSTOMIZED
MACHINERIES.

MISSION

OFFER THE BEST SOLUTION TO THE
CUSTOMER
PRODUCE HIGH QUALITY & RELIABLE
PRODUCT
PROVIDE EXCELLENT AFTER SALES
SUPPORT

Seven Value

1

Creative Innovative

2

Drive to Excellence

3

Caring

4

Dynamic

5

Continuous Learning &
Improvement

6

Persistent

7

Integrity

Space

Land : 4.400 M²

Office : 292 M²

Workshop : 3639 M²

Work force of
90 Persons

List of Equipment

Material Preparation



Plate Rolling Machine
(3 & 4 Rolls)



CNC Plasma KOIKE
(3,5 m x 2,5 m)



Portable Plasma
Cutter Machine



Shearing Machine



Bending Machine

Fabrication

Arc Welding Transformer
Argon Welding Machine
CO2 Welding Machine
TIG Welding Machine
Oxy-Cutting Machine
Magnetic Drill Machine
Cutting Wheel Machine
Laser Leveling System
Punching Machine
Band Saw Machine

Handling

Over Head Crane Cap. 2 Ton
Over Head Crane Cap. 5 Ton
Portable Crane Cap.

Others

"Sandmaster" Sanblasting
Forklifts
Gensets
Tools & Measuring
Equipment
Latest 3D CAD Program

Machining



Lathe Machine
(1m)



Lathe Machine
(2m)



Lathe Machine
(3m)



Milling Machine
(165cm x 23cm)



Radial Drilling
Machine

Certification & Test Report

1



TEST REPORT
006-1/TNI/IS/RIV/2014
FOR ATLANTIC FILTER

2



CERTIFICATE
TRID-IS-1303207671-1
FOR POWDER CONTAINER

3



WELDERS CERTIFICATE
ISO 9609-4 141 P BW8.1

4



WELDERS CERTIFICATE
SMAW 3G, SMAW 6G
GTAW-SMAW 6G

5



WELDING PROCEDURE
SPECIFICATION

6



CERTIFICATE
OCCUPATIONAL SAFETY
AND HEALTH EXPERT
7919/AK3/U/XII/2016

PRODUCT

MIXER

The HSD series are high speed dissolver that are suitable to produce paint, ink, coating, dyestuff and various liquid in the chemical, food & pharmacy industries. These series are designed for universal application, very rugged construction and flexible drive unit. the standard model has a non Explosion Proof Motor, while for specific application we offer an Explosion Proof Motor. A frequency converter for variable speed control is incorporated for HSD series upon request.



Product : HSD Mixer 55 KW
Max. Speed : 1500 rpm
Control Speed : Inverter
Material : Frame SS 400
Shaft SUS 304
Lifting : Hydraulic Power
Location : Tangerang



Product : Mixer Lab 0.5 HP
Max. Speed : 3000 rpm
Control Speed : Inverter
Material : Frame SUS 304
Base Frame SS 400
Shaft SUS 304
Lifting : Spring
Location : Lampung

Product : Inline Homogenizer
Max. Speed : 1500 rpm
Control Speed : Inverter
Material : Frame SS 400
Container SUS 304
Shaft SUS 304
Location : Tangerang



Product : Ribbon Mixer
Max. Speed : 50 rpm
Material : Frame SS 400
Container SUS 304
Shaft & Screw SUS 304
Power : Drive & Gear Motor
Location : Pasuruan

Product : Mixer Lab 1 HP with Tank
Max. Speed : 1500 rpm
Control Speed : Inverter
Material : Frame SS 400
Container SUS 304
Shaft SUS 304
Location : Tangerang



Product : Side/ Bottom Entry jet Mixer
Power : Direct Drive Motor with Mechanical Seal
Control Speed : Inverter
Material : Frame SUS 304
Shaft SUS 304
Location : Tangerang

Product : Z-Blade Mixer
Power : Direct Drive & Gear Motor
Control Speed : DOL Starter
Material : Frame SS 400
Container SUS 304
Shaft & Screw SUS 304
Location : Tangerang



PRODUCT

TANK

We have designed, fabricated, and installed tanks in carbon steel and stainless steel material; silo, tank farm, reactor, process tank, fuel tank, pressurized tank, horizontal tank, etc

Stainless Steel & Mild Steel Tank

STANDARD :

- ASME SECT VIII
- API 650



Project : Chemical Storage Tank
Material : SS 400
Capacity : 100 KL
Location : Batam

Project : Cement Silo
Material : A36
Capacity : 175 Ton
Location : Cikarang



Project : Multi Media Filtration Tank
Material : SS 400
Capacity : 18.000 Liter
Location : Cikarang

Project : Powder Container
Material : SUS 304
Capacity : 1.600 Liter
Location : Germany



Project : Dillution Tank
Material : SUS 304
Capacity : 25.000 Liter
Location : Tangerang

Project : Aeration Tank
Material : SS 400
Capacity : 24.000 Liter
Location : Cikarang



Project : Storage Tank
Material : SUS 304
Capacity : 15.000 Liter
Location : Tangerang

Project : Fuel Storage Tank
Material : SS 400
Capacity : 9.500 Liter
Location : Batam



PRODUCT

TANK

Storage and handling controls for powders, oil, granulates, aggregates, by products is a great variety of problems, all solved.



STANDARD :

- Deutsches Institut für Bautechnik (DIBt)

Lipp System

Leak - Proof Seams

every joint is potential leak

- Lipp patterned seam derives their attractive appearance from the patented double over lapping interlocked joint.
- The joint is completely gas tight and gives the inside of tank a flat surface without any seams or edges.
- This same double overlapping interlocked joint acts as stiffener protecting the tank/silo against damage from horizontal pressure

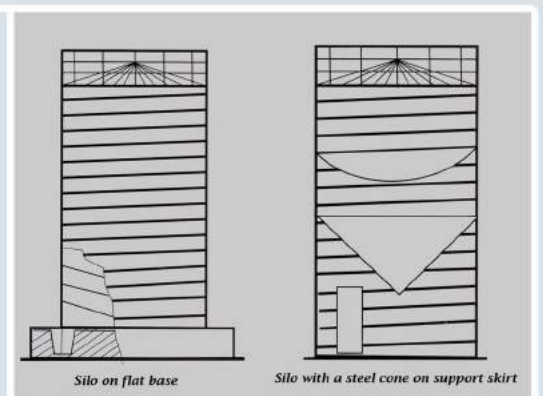


Lipp Liquid Tank System

- Fast, professional construction.
- High strength steel, freedom from weak points.
- Leak proof double overlapping, interlocking seams.
- Best for storage of :
 1. Water and chemical liquid
 2. Palm oil
 3. Food stuffs

Lipp Silo System

- A revolutionary new method for fast storage silo construction.
- Weatherproof, super-strength and maintenance-free
- Application :
 - Grain mills, commercial distribution centres
 - Corn mills, beer/wine industries
 - Rice processing industries, distillation industries
 - Seeds processing industries
 - Storage agricultural centres, drying & storage cooperative societies
 - Animal feed industries, mineral quarries, cement and ceramic industries



PRODUCT

PIPING & VALVE INSTALLATION

We have designed, fabricated and installed piping works in carbon steel and stainless steel for chilled water, chemical liquid, thermal oil, steam, powder products, etc



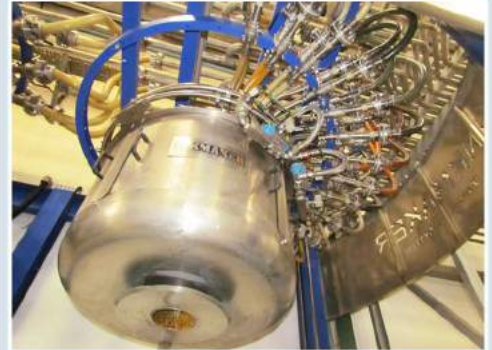
Piping Line Water Base Paint



Project : Drilling Fluid Piping Line
Project Description: Fabrication, Installation, Insulation & Commissioning
Material : SS 400, SUS 304
Location : Batam



Project : Product & Raw material Transferring Piping Line
Project Description: Fabrication, Installation, Insulation & Commissioning
Material : SS 400, SUS 304, Aluminium
Location : Tangerang



Project : Dosing System Piping Line
Project Description: Fabrication, Installation, & Commissioning
Material : SUS 304
Location : Tangerang



Project : Thinner Plant Piping Line
Project Description: Fabrication, Installation & Commissioning
Material : SUS 304
Location : Tangerang



Project : Thermal Oil Heater
Project Description: Fabrication, Installation, Insulation & Commissioning
Material : Seamless ASTM A106 GRB SCH-40 Ø 16"
Location : Medan



Project : Steam Piping Line
Project Description: Fabrication, Installation, & Commissioning
Material : SUS 304
Location : Tangerang



Project : Chilled Water Piping Line
Project Description: Fabrication, Installation, Electrical & Commissioning
Material : SS 400
Location : Batam



Project : Food Grade Piping Line
Project Description: Fabrication, Installation & Commissioning
Material : SUS 304 & PVC
Location : Bogor



Project : Polymer & Monomer Piping Line
Project Description: Fabrication, Installation, & Commissioning
Material : SUS 304 & SUS 316
Location : Tangerang

PRODUCT

TURNKEY PROJECT

We have designed, fabricated and installed turnkey projects such as; water proofing, pesticide, polymer, granule, etc.

Raw Material Tank Farm System



Project : Water Proofing Plant
Project Description : Fabrication, Installation & Commissioning
Material : SUS 304 & SS 400
Capacity : 2 x 10 Ton
Location : Tangerang



Project : Granule Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304 & SS 400
Location : Cikarang



Project : Pesticide Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SS 400
Capacity : 10 Ton
Location : Cikarang



Project : Water Base Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304
Capacity : 10 Ton & 15 Ton
Location : Tangerang



Project : Polymer Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304
Capacity : 10 Ton
Location : Bogor



Project : Binder Plant
Project Description : Fabrication, Installation & Commissioning
Material : SUS 304
Capacity : 2 Ton
Location : Bogor



Project : Monomer Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304
Capacity : 500 liter
Location : Tangerang



Project : CNSL Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304 & PVC
Capacity : 5 Ton
Location : Makassar



Project : Thinner Plant
Project Description : Fabrication, Installation, Electrical & Commissioning
Material : SUS 304 & SS 400
Capacity : 5 Ton
Location : Tangerang

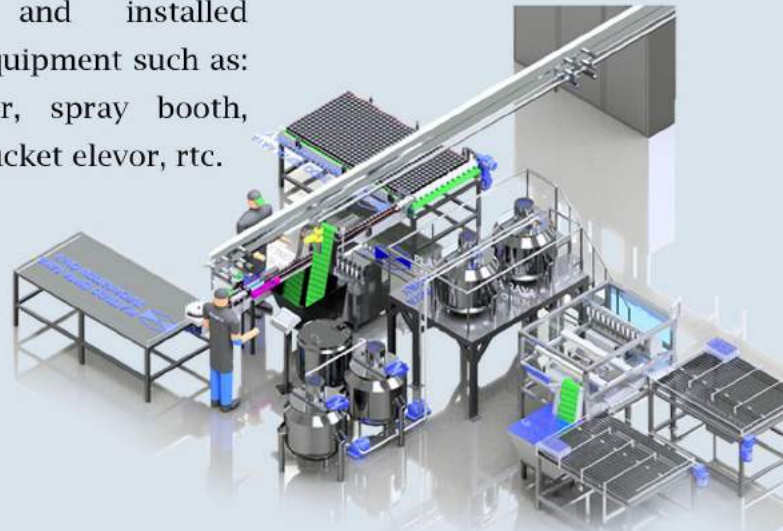
PRODUCT

EQUIPMENTS & AUTOMATION

We have designed, fabricated and installed industrial equipment such as: basket filter, spray booth, conveyor, bucket elevator, etc.



Project : Auto Panel Assembly
Dimension : 3000 x 2000 x 2000
Frame : SS 400
Power : 3 Phase 380 Vac

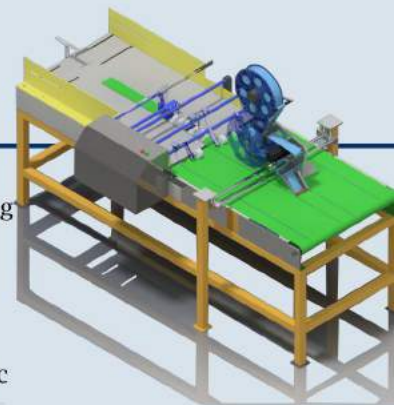


Inline Filling Machine



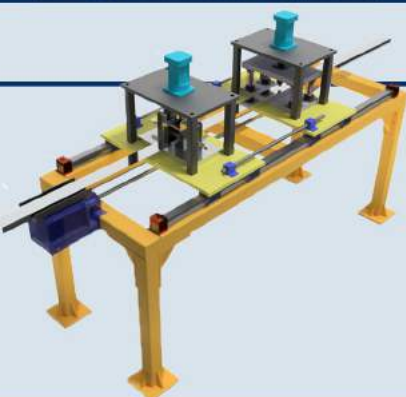
Project : Auto Color Sensing
Dimension : 2500 x 1000 x 900
Frame : SUS 304
Power : 1 Phase 220 Vac

Project : Vertical Labeling Machine
Dimension : 2260 x 800 x 1400
Frame : SS 400
Power : 1 Phase 220 Vac



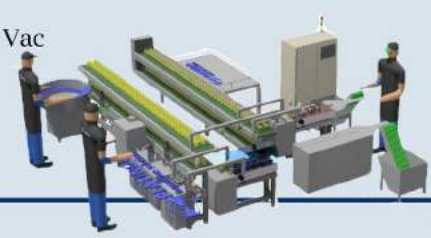
Project : Auto Labeling Machine
Dimension : 1500 x 800 x 900
Frame : SUS 304
Power : 1 Phase 220 Vac

Project : Auto Sealer Machine
Filling Capacity : 10 ml
Feeder Capacity : 30 liter
Frame : SUS 316
Power : 1 Phase 220 Vac



Project : Auto Stamping Machine
Dimension : 2200 x 1200 x 1400
Frame : SS 400
Power : 3 Phase 380 Vac

Project : Assembly Filter System
Dimension : 5000 x 3000 x 1900
Frame : SS 400
Power : 1 Phase 220 Vac



Major Project List

Chemical Industries

No	Project Title	Major Equipment	Customer
1	Expansion	Packed Column, Barometric Condenser, Water Seal Pot, Water Seal Pot, N2 Seal Pot, Total Condenser	INDO TORAY SYNTHETIC
2	Laboratorium	Conceptual Trial Test Acetaldehyde Drum Loading	INTERNATIONAL FLAVOUR & FRAGRANCE
3	Production Line	Inclined Through Belt Conveyor 35 Meter for Silica Sand, Inclined Through Belt Conveyor 13 Meter for Silica Sand	DJABESMEN
4	New Production Line	Reactor Tank Cap.1000 Liter, Total Condenser, Once Through Boiler, Cooling Tower, Monomer Tank, Piping Product	DEXTONE LEMINDO
5	Expansion	Pendraulic Mixer 1HP Non Explosion Proof	LUBANA SUKSES ABADI
6	Production Line	Modifikasi Simple Mixer HSD 1,5kW menjadi 2,2kW	CEMANI TOKA
7	Expansion	Walkway Bridge & Platform for PU Hardener Plant	PROPAN RAYA ICC
8	Production Line	Fabrication & Installation Frame Cutter Royal Board 2	DJABESMEN
9	Expansion	Mixer Derek 30HP	PROPAN RAYA ICC
10	Production Line	Auto Shrink System	PROPAN RAYA ICC
11	Production Line	Relocation of White Grinding Station & Extension Utility Pipeline	SIEGWERK INDONESIA
12	Liquid Production Line	Dissetling Mixer 7 HP with Scraper Hydraulic High Speed Dissolver 75 HP	FOSECO INDONESIA
13	New Production Line	Storage Tank, Mixing Tank, Z-Blade Mixer, Platform, Dust Collector, Piping	DEXTONE LEMINDO
14	Production Line	Mixer Hydraulic 30 HP / Ex-Proof	SIEGWERK INDONESIA
15	Sika Grind Production Line	Reactor Tank, Storage Tank, Platform, Piping	SIKA INDONESIA
16	Granule (Pesticide) Plant	NAUTA Mixer, Bucket Elevator, Belt Conveyor, Platform & Control System	SANOVA CROP SCIENCE
17	Laboratorium	Spray Booth with Water Curtain + Ducting	NIPSEA PAINT & CHEMICAL
18	Liquid Production Line	Dissolver Tank & Cover Tank 250 L, 500 L, 1000 L	FOSROC INDONESIA
19	Resin Plant	Reactor 4 x 7 T, Condensor, Monomer Tank, Catalyst Tank, Control System	WARNA AGUNG

Major Project List

Chemical Industries

No	Project Title	Major Equipment	Customer
20	Paint Dispensing Plant	Mixing Tank, 23 x 2,5 T Dispensing Piping and Arrangement	DANAPAIN
21	Carbofuran & Carbosulfan Plant	Tumbler Mixer 3 T, Rotary Dryer with HE, Chevron Belt, Bucket Elevator, Storage	SANOVA CROP SCIENCE
22	Resin Plant	Dilution Tank 10 T	KANSAI PRAKARSA COATINGS
23	Acrylic Resin Plant	Monomer Tank, Catalyst Tank, Kill Solution Tank, Piping & Controlling	KANSAI PRAKARSA COATINGS
24	Laboratorium	Dry Spray Booth SB-60-DEX, Ducting System, Lab HSD 1/3 HP / Ex-Proof	BAHTERA ADI JAYA
25	Production Line	Agitator Soda Ash / Top Entry 5,5 HP / Non Ex-Proof	PACINESIA
26	Expansion of Resin Plant	1 x 25 m ³ / Ex Class of Dilution Tank	ALKINDO MITRA RAYA
27	Expansion of Emulsion Paint Plant	Mixing Tank 4 x 10 T Mixing Tank 3 x 15 T Mixing Tank 4 x 10 T	NIPSEA PAINT & CHEMICAL
28	Purwakarta Production Line	Mixer Hydraulic 30 HP / Ex-Proof Mixer Hydraulic 20 HP / Non Ex-Proof	NIPSEA PAINT & CHEMICAL
29	Production Line	Mixer Hydraulic 5 HP / Ex-Proof	FLINT GROUP
30	Production Line	Mixer Hydraulic 10 HP & 15 HP / Ex-Proof / Lab HSD 1 HP / Ex-Proof / Screw Type	STAR OMNI INVINDONESIA
31	Production Line	Mixer Volrath 25 HP / Ex-Proof	PROPAN RAYA
32	Storage Tank	Styrene Tank Monomer Cap. 50 T, MMA Tank Cap. 50 T	ALKINDO MITRA RAYA
33	Production Line	Piping Installation & Electric & Control Platform for Monomer & Solution Tank R-401 & R-403	KANSAI PRAKARSA COATINGS
34	Expansion Production Line	Mixer Hydraulic 30 HP / Ex-Proof Mixer Hydraulic 20 HP / Non-Exproof	SAN CENTRAL INDAH
35	Production Line	Belt Conveyor	FRINA LESTARI NUSANTARA
36	Expansion Production Line	Ribbon Blender 1100L / SUS 304	DUPONT AGRICULTURAL PRODUCT
37	Production Line	Auto Stacking Machine	DJABESMEN
38	New Production Line	Vertical Storage Tank Cap. 10 m ³ / SUS 304	NIPSEA PAINT & CHEMICAL

Major Project List

Chemical Industries

No	Project Title	Major Equipment	Customer
39	Production Line	Retrofit Main Frame & Drum Frame of Felting Machine	DJABESMEN
40	Production Line	Conveying System of Raw Material	DJABESMEN
41	Production Line	Hydropulper Installation	DJABESMEN
42	Production Line	Can Positioning & Printing Machine	KANSAI PRAKARSA COATINGS
43	New Production Line	Tank Farm 5 x 100 Ton with System	KANSAI PRAKARSA COATINGS
44	New Production Line	Motor Premix Tank 10 Ton Emulsion	KANSAI PRAKARSA COATINGS
45	New Production Line	Mixer Pendrolic 2 HP / Non-Exproof Jacket Tank 200 L with Heater Panel Control for Jacket Tank 200 L	SOLDERINDO
46	New Production Line	Mixer Hydraulic 30 HP & 40 HP / Ex-Proof Mixer Hydraulic 20 HP / Non Ex-Proof	CEMANI TOKA
47	Expansion	Sieve Mendril ϕ 350 mm / ϕ 400 mm / ϕ 700 mm	INDURO INTERNASIONAL
48	Expansion	Pressure Tank Cap. 100 L / SS-400	SANDMASTER ASIA
49	Expansion	Modification Piping Sanitary / SUS 316L	PARAGON TECHNOLOGY

Food & Beverage Industries

No	Project Title	Major Equipment	Customer
1	Expansion	Dismantling Nouta Mixer 1000 kg, Vibrating Siever, & Fabrication, of New Platform for Nouta Mixer / SUS 304	SANOVA CORP SIENCE
2	New Production Line	Ribbon Blender Cap.100 kg	HASSANA BOGA SEJAHTERA
3	New Production Line	Smart Sorter Conveyor	PONDAN PANGAN MAKMUR
4	New Production Plant	FRP Mixing Tank Cap.5000 Liter, FRP Mixing Tank 2000 Liter, PHE, Basket Filter, Piping Product, Salinity System	GADING MAS INDONESIA TEGUH – JEMBER (ANJ GROUP)
5	Food Additive Project	Ribbon Mixer 100 Kg & 1000 Kg (food grade)	GALIC BINA MADA
6	Palm Oil Storage Plant	Storage Tank 1500 L	PACIFIC FOODS
7	Production Line	Dissolver Tank 100 L & 300 L	KARYA AROMA

Major Project List

Food & Beverage Industries

No	Project Title	Major Equipment	Customer
8	Palm Oil Storage Plant	Oil Storage Tank Cap. 4 m³	INDOSARI SARANA ABADI
9	Corn Processing Plant	Kettle Tank, Holding Tank 16 x 3 T, Piping and Arrangement, Platform	SMU
10	Production Line	Mixer Pendrolic 2 HP / Non Ex-Proof	FRETABADI INDOTAMA
11	Production Line	Top Entry Agitator ¾ HP / Non Ex-Proof	OSF AROMA INDONESIA
12	Cashnew Nut Shell Liquid (CNSL)	Expeller, Decanter, Decarboxylator 2 x 2 T, Cooler, Scrubber, Storage Tank 2 x 45 T & 2 x 65 T	COMEXTRA MAJORA
13	Cashnew Nut Shell Liquid (CNSL)	Fine CNSL Storage Tank Cap. 1000 T	COMEXTRA MAJORA
14	Plant-2	Pintu Finished Goods, Raw Material, Laboratorium, Preparation, Exit, Swing	MARIZARASA FOODS
15	New Production Line	Modification Piping & Hopper SUS 316L	FIRMENICH AROMATICS INDO
16	Expansion	Struktur Baja, Platform, Instalasi Piping CIP System	INDESSO AROMA
17	Production Line	Batch Fryer	BIONIC NATURA
18	Production Line	Rice Dryer	BIONIC NATURA

Fast Moving Consumer Goods

No	Project Title	Major Equipment	Customer
1	Relay Outing of Production Line	Conveyors (Flat & Inclined)	BAT, MALANG, JATIM
2	Soap Noodle Plant	Soap Noodle Silo 65 T, Platform, Double Screw 10 T/h, Material Transfer	UOI, SIMALUNGUN, SUMUT
3	Thermal Oil Piping Line	Thermal Oil Piping Works and Pipe Support	UOI, SIMALUNGUN, SUMUT

Pharmacy Industry

No	Project Title	Major Equipment	Customer
1	Karawang New Plant	Hopper, Feed Bin & Take off Pot	BETA PHARMACON

Footwear & Textile Industry

No	Project Title	Major Equipment	Customer
1	Production Line	Auto Wall Cementing	KMK GLOBAL SPORTS
2	Expansion	Nouta Mixer Cap. 2000 kg	MULTIGRAHA INTISENTRA CHEMICAL



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 PCREngineering

