



HANSA
ENGINEERING

Elaborate Tomorrow Promises

The background of the slide is a composite image. It features a large, abstract geometric shape in shades of green and blue on the left side. The rest of the background is an aerial night photograph of a complex highway interchange. The roads are illuminated by streetlights, and the long exposure of the camera has created vibrant light trails from the cars moving through the interchange. The overall scene is dynamic and modern.

*Exceptional Service,
Exceeding Expectations*



OUR COMPANY

PT Hansa Pratama Engineering - well known as HanSa, was declared in 2017. Yes, we are newly-established company. Therefore, we are fostering energetic & innovative culture to deliver the best electrical solution for every industrial electric power.

HanSa is authorized distributor as Certified Partner Industry by Siemens Indonesia. We provide the most comprehensive drives family available today. We perform deep knowledge of Siemens electrical drives to find any customers requirements. For every application - power and performance, we will provide the optimum drives; the most energy-efficient and future-proof. Furthermore, to pursue the best application on electrical management system - the most safety & the most valuable of integrated solution, we are supported by licensed local partner manufacturer for type-tested switchboard and world class brand.

To ensure the most valuable application, HanSa also provides the EPC - total package services. Our services are performed by dedicated and experienced expertise. Our team is supported with the latest and the most advanced technology. Our team always pursues the highest standard.

By the concern as fresh started company, we are intending along term partnership. We are committed to deliver exceptional services. Therefore, HanSa is always exceeding expectations for customers and all shareholders.

ABOUT U

VISION

"To be prominent company on delivering the most valuable totaled - solution for industrial electric power."

MISSION

- Firmly establish the professional culture.
- Increase market share and establish our presence.
- Strategically identify markets
- Deliver a competitive products and sustainable services
- Continuously develop the values for all shareholders

PRODUCTS

MOTOR & DRIVE CONVERTER

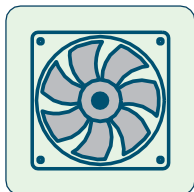


SINAMICS & SIMOTICS - a powerful team

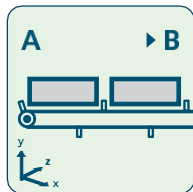
Motor and drive converter operate perfectly together: a wide range of high efficiency low-voltage, high-voltage and motion control motors – as well as geared motors – are available to be teamed up with SINAMICS.

SINAMICS can be combined with a whole range of energy – efficient synchronous and induction motors. Motors that have been specifically optimized for converter operation are available in order to achieve the highest possible system utilization – a perfectly harmonized drive system that leverages its strengths from engineering through commissioning up to efficient operation.

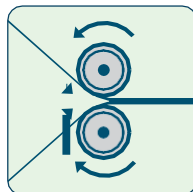
RANGE OF APPLICATIONS



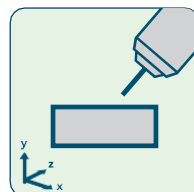
• Pumping/ Ventilating/
Compressing



• Moving



• Processing



• Machining

Siemens
Certified Partner
Industry, ID

Distributor

Since 2018, PT Hansa Pratama Engineering is the authorized distributor as Certified Partner Industry by PT Siemens Indonesia.

RANGE OF PRODUCTS



SINAMICS

- Low Voltage AC
 - ▣ Basic Performance
 - Sinamics V20
 - Sinamics V90
 - ▣ General Performance
 - Sinamics G120C
 - Sinamics G120P/ G120P Cabinet
 - Sinamics G120
 - Sinamics G130/ G150
 - Sinamics G180
 - Sinamics S110
 - ▣ High Performance
 - Sinamics S120C/ S120M
 - Sinamics S150P
- Medium Voltage AC
 - ▣ Applications with High Power Rating
 - Sinamics GL150/ SL150
 - Sinamics SM120CM/ SM150/ GM150
 - Sinamics GH150/ GH180 (cell-based)

SIMOTICS

- LV Motor for Line & Converter Operation
 - Simotics GP (General Purpose)
 - Simotics SD (Severe Duty)
 - Simotics XP (Explosion Protected)
 - Simotics DP (Definite Purpose)
 - Simotics FP (Flexible Duty)
 - Simotics TN (Trans-standard)
 - Simotics HT (High Torque)
- Motion Control Motors
 - Simotics S* (Servomotors)
 - Simotics M (Main Motors)
 - Simotics L (Linear Motors)
 - Simotics T (Torque Motor)
- High Voltage Motors
 - Simotics HV



To pursue the best electrical management system - the most safety & the most valuable of integrated solution, we are supported by licensed local partner manufacturer for type-tested switchboard and world class brand.

LV & MV SWITCHBOARD

RANGE OF PRODUCTS

SIEMENS Type-tested Switchboard & Switchgear

- SIVACON 8PT; Type-tested LV Switchboard
- SIVACON S8; Type-tested LV Power Distribution Board
- SIMOPRIME WORLD; Type-tested MV Switchgear Up to 17.5 kV
- SIMOPRIME A4; Type-tested MV Switchgear Up to 24 kV
- SIMOSEC; MV Switchgear Up to 24 kV, Air-insulated, Extendable

HYUNDAI ELECTRIC Type-tested Switchboard & Switchgear

- HiMCC; LV Switchgear & Control Center
- HMS; MV, Air-Insulated Metal-Enclosed Switchgear

NON TYPE-TESTED Switchboard & Switchgear



For detailed product information & specification, please contact our representative.



PANEL ENCLOSURE

Brand : HANSA

Variant : - Freestanding Indoor/Outdoor
- Wall Mounting Indoor/Outdoor
- Server Rack & Cage
- Hydrant Box

Material : - Hot Rolled Mild Steel (SPHC)
- Cold Rolled Mild Steel (SPCC);
- Stainless Steel (SUS 304 & SUS 316);
- Aluminium

Thickness : - 2.5 mm
- 2.0 mm
- 1.5 mm

Finishing : - Hot Dip Galvanized (BS 729, DIN 50978)
- Powder Coating
- Electro Galvanized



OUR SERVICES



ENGINEERING SERVICE

Our engineering service includes conceptual design, basic design & detailing design & software development. To comply international and local standard, our engineers has excellence record to conducts; robust electrical solution, personnel management & scheduling, cost-effective controlling, & quality control & assurance. Our engineering team is supported by the advanced and the latest technology. Our scopes of services are;

- Electrical & Instrumentation
- PLC, Automation & Control System
- SCADA System

INSTALLATION & COMMISSIONING SERVICE

Our installation & commissioning service supplies the comprehending work of construction. Our scopes of services are;

- | | |
|---|----------------------------|
| - Erection | - Initiating & Termination |
| - On-site Fabrication | - Electrical Measurement |
| - Electrical Products & System Installation | - Continuity & Loop Test |
| - Equipment & Device Installation | - Testing & Commissioning |

TROUBLESHOOTING SERVICE

Our troubleshooting service provides the repair & maintenance work. Our scopes of service are;

- Recorders & Analyzers
- Power Factor Monitoring
- Infrared Thermography
- Insulation Resistance Testing
- Ground Resistance Testing
- Fault Locating





Maintenance and Procurement of transformers:

1. Treatment/Purifying transformer oil
2. Winding/Rewinding of transformer coil
3. Transformer Oil Change
4. Addition of transformer oil
5. Replacement of primary and secondary bushings
6. Replacement of primary, secondary, deck packing



Maintenance and Procurement of Panels:

- Panel MDP (Main Distribution Panel)
- Panel AMF (Automatic Main Failure)
- Panel Capacitor Bank

- Panel Cubicle
- Panel SDP (Sub Distribution Panel)
- Panel ATS (Automatic Transfer Swicth)





Work experience

Transformer & Cubicle Maintenance

- ❖ PT. Mitra Phinasthika Mulia (MPM)
- ❖ PT.Veolia Services Indonesia
- ❖ PT.Saueressing Engraving Indonesia
- ❖ PT.Widatra Bhakti
- ❖ PT.SWANSON
- ❖ Sinar Sosro (Mojosari)
- ❖ PT.PIM Pharmaceuticals
- ❖ PT.DOK PANTAI LAMONGAN
- ❖ PT Miwon
- ❖ PJB, Tbk
- ❖ PT Superior





Manufacture of Production Machine Spareparts

Our services provide the work of making machine sparepart production.



OPPO A9 2020



OPPO A9 2020



OPPO A9 2020



OPPO A9 2020



REWENDING MANUFACTURING

Our Rewinding motors LV and MV provides the repair & maintenance work. Our scopes of service are;

- Rebushing
- Balancing
- Restacking
- Bearing Replacement



BOILER MANUFACTURING

Our Boiler service provides the repair & maintenance work. Our scopes of service are;

- Cleaning Boiler
- Cleaning Condenssor
- Instalasi Pipa Steam Boiler
- Cooler
- Cooling Tower
- Evaporator





TOTAL PACKAGE SERVICE

To ensure the optimum solutions, we provide total package service as industrial integrated solution. Our services are experienced on the following area; e.g.

- Mining Facilities
- Power Plant
- Petrochemical Plant
- Port Handling Facilities
- Airport Facilities
- Others Industrial Facilities



PROJECT REFERENCES

EMISSION REDUCTION IN CITIES - SOLID WASTE MANAGEMENT (ERiC - SWM) AT TPA JABON & TPA SUPIT URANG

- Highlight : Electrical Power Management on Sorting & Composting Machineries - 400 tons/day
- Owner : - Pemkot Sidoarjo - Jawa Timur | TPA Jabon
- Pemkot Malang - Jawa Timur | TPA Supit Urang
- Client : PT Pembangunan Perumahan (PP) - Persero
- Location : Sidoarjo & Malang - East Java
- Year : 2019 - On progress



THE NEW RUNWAY 3 AT SOEKARNO-HATTA INTERNATIONAL AIRPORT

- Highlight : Electrical Power Management on Runway Electrical Support
- Owner : PT Angkasa Pura II - Persero
- Client : PT Pembangunan Perumahan (PP) - Persero
- Location : Tangerang - Banten
- Year : 2019



▣ HYDRANT PLANT AT SOEKARNO-HATTA INTERNATIONAL AIRPORT

- Highlight : Hydrant Plant & System - 10.000 m³/day
- Owner : PT Angkasa Pura II - Persero
- Client : PT Pembangunan Perumahan (PP) - Persero
- Location : Tangerang - Banten
- Year : 2018

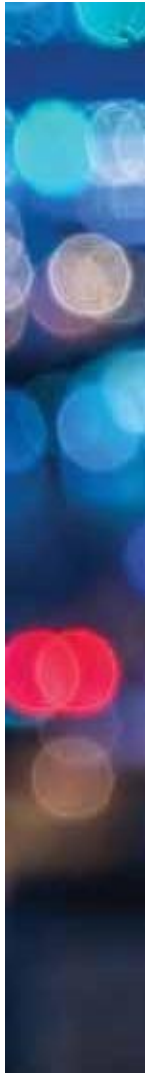


▣ WASTE WATER TREATMENT PLANT AT SOEKARNO-HATTA INTERNATIONAL AIRPORT

- Highlight : WWTP Capacity Development - 100.000 m³/day
- Owner : PT Angkasa Pura II - Persero
- Client : PT Pembangunan Perumahan (PP) - Persero
- Location : Tangerang - Banten
- Year : 2017



OUR FACILITIES



ADVANCED WORKSHOP

Our workshop has been managed to fulfil the most efficient & effective requirement on high quality production process. Therefore, our workshop is equipped with:

- Metal Sheet Machinery
 - CNC System
 - Bending & Punching Machine
- Testing Equipment
 - Dielectric Test
 - Secondary Injection



RELIABLE WAREHOUSE

- West Warehouse; Tangerang - Banten
- East Warehouse; Surabaya - Jawa Timur



Authorized Distributors :



Suppliers :






CONTACT Us

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