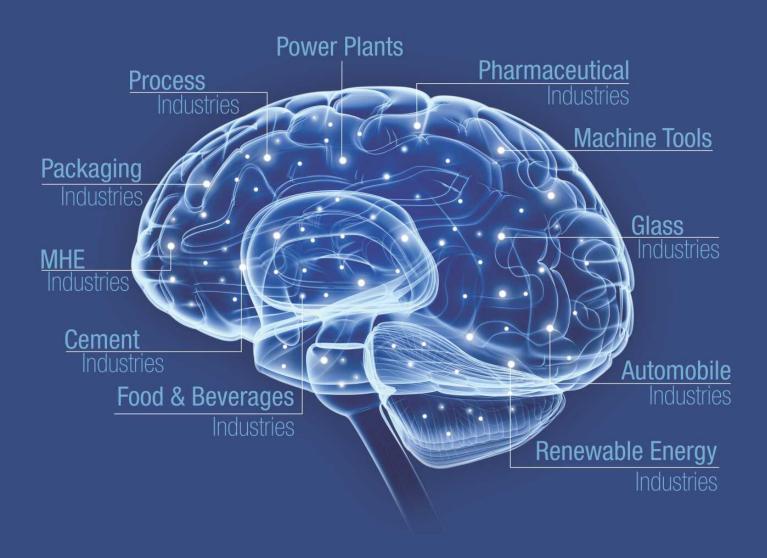
An Integrated solution provider of Industrial Automation



Nikka Incorporated Nikka Instrumentation Pvt. Ltd.



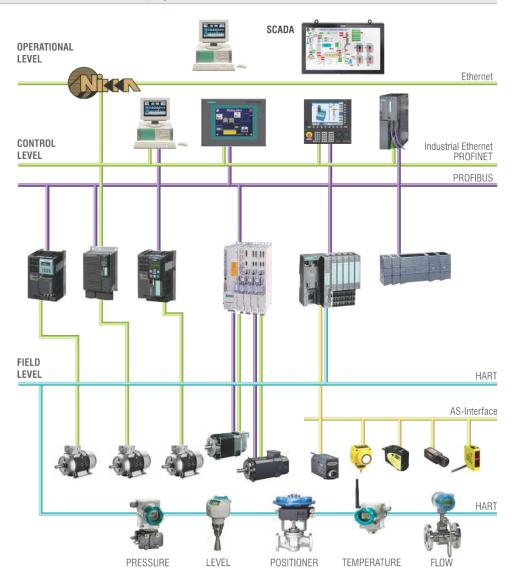


We are an Integrated Solution Provider for Industrial Automation in

- Process Industries
 Packaging Industries
 MHE Industries
 Power Plants
- Pharmaceutical Industries
 Glass Industries
 Cement Industries
- Machine Tools Automobile Industries Renewable Energy & more to come... for different applications.

In a competitive edge, there is constant pressure to save time, money & to maintain quality, quantity of process & production. Therefore profitable companies have same Vision and Planning by using New Technologies in the field of **Industrial Automation Solution.** Switching & controlling play a central part in Industrial Automation - they must be both simple & intelligent; simple in operation and intelligent in implementing the many options that are expected of an application with vision.

Our Dedication, Experience & Contribution to the Various Industries



Our Experience

- System Integrator for SCADA, PLC, Drives, Servo & more
- · Manufacturing Panels of all types
- Field Instrumentation
- Taking Turnkey Projects
- Providing SPM Solutions
- Experience in Mechatronics
- Supply of BANNER Sensor
- Supply of LAPP Cables
- Radio Remote Controls

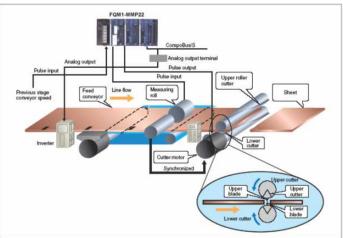
"NIKKA" has been successfully performing from simple tasks to complex automation task ("We Byte Challenges Bit By Bit") in various applications of different Process Industries, Plants, Equipments & Machineries.



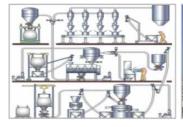
OUR EXPERIENCE IN VARIOUS MACHINERY & PLANTS

INDUSTRIES

- Winder Unwinder Applications
- Material Handling Equipments
- Glass Industries
- Pharma, Food & Beverages
- Steel & Foundry Industries
- SPM & Machine Tools
- Packaging, Weighing & Batching System
- Oil & Gas Industries
- Dairy Industries
- Stacker & Reclaimer
- Renewable Energy
- Automobile
- Water Projects
- Consultants























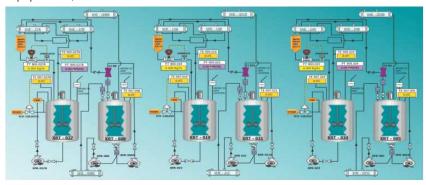






NIKKA - APPROACH FOR DESIGN. **ENGINEERING IN INDUSTRIAL AUTOMATION & DRIVES**

Engineering Plays an important role to provide a vision on process parameters, production rates, analysis and also material usage to maintain a consistent quality & high productive benefits. Therefore, we take care of Integrated solution to the applications with protective measures to the costly Equipments, Plants & Machineries.



NIKKA - Field of Applications, Experience, Support & Strength:

- Controlling with Centralized & Distributed I/O PLC SYSTEMS.
- Technology Tasks in process, Pharma, Dairy, Packaging, Robotics & CNC industries.
- Fail Safe control in process, food & beverages, Oil & Gas, Dairy.
- · Data Acquisition & Archiving.
- Link to PC Hardware & Software.
- Data Exchange via OPC & wireless RRC (Radio Remote Control).



LOGO!

LOGO! Simple automation in industry, trade, educational training & utility as a replacement for timer, Sequencial operations, counter, pulse generator, temperature controller, aux. contacts.



ET 200S



Bit modular, distributed I/O system with local intelligence, design with IP20 & IP65 / IP67.

G120 DRIVES

System Configuration

KTP 1000 HMI

VFD

VFD

- Modular replacement during operation.
- · Fail-safe version.
- Maintenance free thanks to data retentivity on micro memory card.



S7-200 Smart & 1200

Modular, Compact Controller for discrete & stand-alone automation solutions

- · Simple, Scalable & flexible design for compact solution.
- · Integrated ETHERNET Interface for programming.
- Integrated Technology Functions for counting, measuring, closed loop control & motion control



S7-300

The modular controller for system solution in manufacturing industries. Many functions are integrated into the CPU (I/O technology functions, PROFIBUS / PROFINET connection. Isochronous mode on PROFIBUS /

Sinamics Series Variable Frequency Drives

is a most efficient and Technology proven &

PROFINET, Fail Safe version/ Fail-safe technoloty controller



solutions in the manufacturing and process industries. · Extremely high-speed processing and

The powerful controller for system

- communication performance
- · Changes to the configuration during operation
- Hot swapping
- Fail Safe & Fault-tolerant version.



competitive drives.

S7-400





SINUMERIK by SIEMENS FOR CNC & MOTION CONTROL

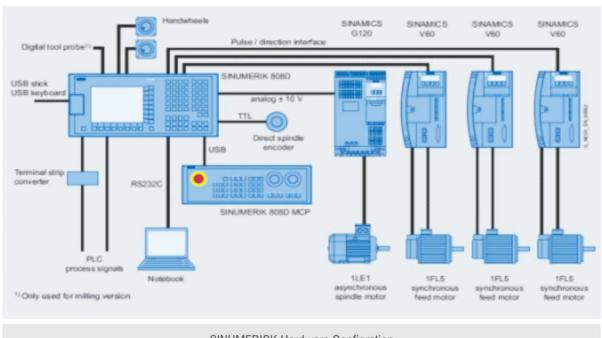
SINUMERIK - 808D the compact, operator-panel based, extremely rugged & very easy to maintain. The powerful CNC functions coupled with a unique 80-bit NANO – FP accuracy. Perfect Controller for standard turning & milling features. SINAMICS - V90 is a optimized servo drive solution for motion control application. Typical Applications Handled are:

- 1. Pick & Place Machine
- 2. Packaging Machine
 - e.g labeling machine, horizontal packaging machine

SINAMICS - S120

- High performance, flexible and innovative machine designs
- High cycle rates with a maximum product quality

- 3. Printing machine
- 4. Winder & Unwinder Machine
- 5. Metal forming machine ... more.
- Lower costs over the complete life cycle
- Shorter time to market



SINUMERICK Hardware Configration







SIEMENS FIELD INSTRUMENTS

Process Instrumentation

- Pressure Transmitter
- Temperature Transmitter
- Level Transmitter
- Flow Transmitter
- Valve Positioner
- Controller & Recorder

Process Analytics

- Gas Chrometographs
- Continues Gas Analyzer

Weighing Technology

- Component Weighing System
- Belt Scales
- Solid Flow Meters
- Wireless Communication
- Software & Controls

Pressure Transmitter









Temperature Transmitter









Level Transmitter











Flow Meter











Positioner, Recorder & Controller









Analyzer & Weighing











YASKAWA MOTOMAN YASKAWA ROBOTICS INDIA LIMITED







Robot Controller "Dx100"



Dual Arm Robot

Where Robots can be used?

- 1 Welding like MIG, TIG, SPOT, Ultrasonic, Heavy Duty
- 2 Press Handling
- 3 Palletizing
- 4 Paint Shop
- 5 Deburring
- 6 Material Handling
- 7 Pick & Place
- 8 Glass Handling
- 9 Laser Cutting
- 10 Water Jet Cutting
- 11 All Automobile Industries
- 12 Along with CNC Machines... more to apply.













more sensors, more solutions (Authorised Distributors)













SENSORS:

Wide variety of photoelectric and ultrasonic sensors including measurement products



Sensors used for cranes, automobiles, machine shops, vehicle parking.... More.

VISION:

Standard & High Resolution Gray Scale, Colour and Single or Multipurpose Vision Sensors

MACHINE SAFETY:

Safety light screens, safety interlock switches, E-stop modules & 2-hand control safety modules

LIGHTING & INDICATORS:

Pick-to-light systems, sequential assembly lights, call lights, indicators lights & verification touch buttons

WIRELESS:

Industrial wireless I/O networks that can operate in extreme environments while eliminating the need for costly wiring runs













EXAMPLE SET OF LAPPTHE WORLD OF LAPP

LAPP offers variety of products like

- Power, Control, Instrumentation & data / Signal Cables as per IS/VDE/UL/CSA/DIN/IEC/BS-5308
- Special cables for Data / Bus / Automation Application
- Cables For Materials Handling
- Rubber Insulated Cables
- Temperature resistant cables & Compensating cables
- Accessories required for connection like cable Glands, Connectors, Tools, Lugs, Protective Conduits etc.













RADIO REMOTE CONTROL

WIRELESS REMOTE for EOT CRANE and MOBILE EQUIPMENTS



















MANUFACTURING ALL TYPES OF PANELS

Working with different OEMs, consultants & MNC companies we had a very good experience in manufacturing of different types of panels to satisfy our customers & OEMs to fulfil their

requirements.





We manufacture IP54, IP55, IP65, APFC, MCC, PCC, Control Panel, VFD Panel, PLC Panel, Flameproof Panel, Instrumentation Panel and many more....



Desk Type MIMIC Control Panel for Batching Plant

PLC Base Control Panel

Pneumatic / Instrumentation Control Panel



MCC / PCC Draw Out Panel (Front & Rear View) with ACB



Control Panel with PLC /HMI and AC Drive System



PMCC / APFC / Intelligent MCC Panel



Flame Proof Panel



PLC Base SS-304 Control Panel (IP 65 Type) for Offshore Project



ERDA Certificate for IP55 Panel



About us

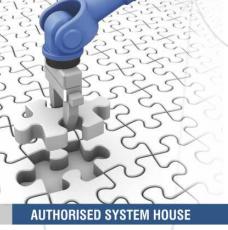
The consistent continuity in engineering field is a defined characteristic at the development stage of our products & systems. 'NIPL' provides maximum transparency at all levels & reduces interfacing requirements to a minimum. Starting with initial planning steps through requirement & solution gives high productivity & competitiveness for the valued measure of investment which YOU have made for the development.

'NIPL' as an INTEGRATED SOLUTION provider at right time & on time to our customer has sustained our success in Industrial Automation, Drives sector, Field instruments, Panel Manufacturing & Turnkey Projects.

Our Valuable Customers







SIEMENS

PROCESS INSTRUMENT AUTOMATION & DRIVES

Automation, Drive & Srevo Products. Process Intrumentations Products. CNC & Servo Products



All Special Types of Cable with accessories.

CHANNEL PARTNER FOR GUJARAT



MOTOMAN Robotic Solution



more sensors, more solutions
(Authorised Distributors)

All Special Types of Sensing Solution Provider.



Wireless remote for Crane & Mobile Application.



Nikka Incorporated Nikka Instrumentation Pvt. Ltd.

Works: Plot No. 284/5, G.I.D.C. Inds. Estate, Makarpura, Vadodara - 390 0010

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