



CONFIA CONTROL SYSTEM

Quality & Innovative Perfection





Welcome

CONFIA CONTROL SYSTEM

CONFIA CONTROL SYSTEM is a young and dynamic organization comprising highly skilled and experienced engineering and management professionals. Our products and services are highly qualitative and 100% ergonomically for customers. We always aim at serving our customers in a desirable manner, with the products and services matching up with their needs. We listen to our patrons, understand their needs and then plan our actions accordingly. Our friendly approach towards each of our client has enabled us to win their trust and become their preferred choice. Customized solutions are also provided by us, in order to cope up with the dynamic demand of customers. Besides, without compromising on quality aspects, we make our range available at comparatively favourable for customers.

Our company has been successfully catering to all the needs of our clients since a long time and much of its success has come under the able guidance and leadership of our mentor,

Mr. H.Laxmanan. His expert marketing skills, outstanding business sense, transparent business policies and most importantly, his huge experience in this domain has enabled the company to make a mark in this huge industry.

We have a clear vision of creating a big market to the global standard through our innovative ideas and technologies.

WHY CHOOSE CCS

From a humble beginning, CONFIA CONTROL SYSTEM has grown from strength to strength to become one of the most renowned business enterprises in Industrial SPM machines, FA products sales and service.



Following are some of the salient factors that contribute to our rapid growth and enviable success:

- Timely delivery of consignment
- Sound Infrastructure unit
- Customized solutions
- Talented team members
- Ethical business policies
- Quality products
- Competitive prices





National Instruments:

LabVIEW software is ideal for any measurement or control system, and the heart of the NI design platform. Integrating all the tools that engineers and scientists need to build a wide range of applications in dramatically less time, LabVIEW is a development environment for problem solving, accelerated productivity, and continual innovation.

1. Automate data collection
2. Control multiple instruments
3. Analyze and display signals
4. Measure any sensor on any bus
5. Measure any sensor on any bus
6. Display data on custom user interfaces
7. Log data and generate reports
8. Perform advanced analysis and signal processing
9. Analyze and display test results with custom user interfaces
10. Embedded Monitoring and control system



SUPPORT & SERVICES:

- Control Panel Wiring
- Conversion Of relay logic to PLC
- NI Programming
- PLC Programming
- Customised Operation Panel
- Secondary Operation Machining Automation

SOFTWARE SOLUTIONS :

- Monitoring System
- Performance Testing
- Software Testing
- Vision System
- Simulation Software
- Motion Control System
- NI Card Calibration
- Load Cell & LvdT Verification

Mitsubishi & Siemens :

Always the right Controller : for plant or machine building, for stand-alone or highly complex applications. Mitsubishi & Siemens offers the perfect control solution for every application – PLC or PC-based.

The range of Mitsubishi & Siemens Controllers starts from logic modules to Basic, Advanced and Distributed Controllers all the way to software Controllers for production or process technology, also supports various communication protocols, connecting AC motor drive, servo, human machine interface and temperature controller through the industrial network in to a complete "Solution" for all users.



Delta & Omron:

Delta's & omron series factory automation controllers offer high-speed, stable and highly reliable applications in all kinds of industrial automation machines. In addition to fast logic operation, bountiful instructions and multiple function cards, the cost-effective PLC's, along with easy-to-use Support Software, are available to flexibly handle applications from small-scale equipment to entire production lines.

Pro-face :

The Pro-face Series offers touch screen displays with extensive simultaneous multi-protocol connectivity. The HMI to use for data sharing and data acquisition applications. Includes, CF, video, Ethernet, serial and USB connectivity including handy type models to fit any system or budget requirement.



ACTIVITIES:

FA Products Sales:

We are involved in FA products sales on the distinctive requirements of clients. We are handling Lab View National instruments, Mitsubishi, Siemens, Omron, Delta pro-face and Messung, etc... FA products PLCs, HMI, Remote Modules, VFDs & AC Servo we are committed in delivering the equipments promptly with care. Sales and Programming Service with a proven track record of delivering fast results. We provide a transparent, friendly and honest service that ensures your goals, which are realized at the first time of our business, that make us a customer friendly and customer preferred service provider in India. We also provide PLC control panel wiring for existing and new commissioning machine, which are under taken by high experienced and skilled team.

FA Products Solutions:

Right from the design, development to installation, commissioning and after sale service. We provide with total automation solutions. We are expeditious and Covenant in giving solutions.

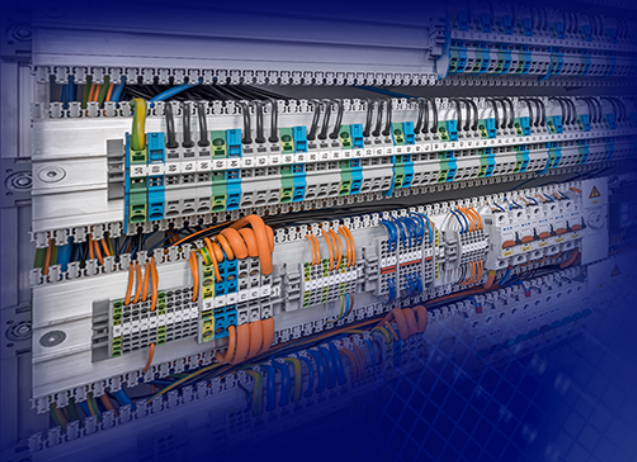
FA Products Training:

We offer wide range of training solutions for Engineering Students, Engineers from maintenance department and Executives on Mitsubishi FA products (PLC, HMI & Drives). We provide training at our well equipped training center. We also provide customized Onsite Training based on the customers requirement.



Electrical Wiring:

Building or upgrading production facilities requires control systems & electrical products that have durable, reliable & delivered on time. Inditron product basket also includes a wide variety of PLC Panels manufactured to suit customers' process plant operation. The PLC panels are tailor made & customised as per the requirement of the customer. We offer the PLC with complete accessories & programming. We have experienced to help solve the problems before field installation. Assistance in field installation, testing & commissioning is also provided by us.



Features of PLC Panels:

- PLC panels are designed as per end user requirement.
- Minimizes human interface, thus minimizes the possibility of error.
- Whole system can be monitored & controlled at single junction.
- Data Logging of all process parameters with alarm.
- We provide flexibility on make of PLC, we can provide any make of PLC.

Automation Solutions & Type of Machines Supplied:

We Design & Manufacture Special Purpose Machines for different application in varied industries. These machines are manufactured as per the customers requirement to give them the best solution to their need. Highly experienced people are involved in the process of understanding the requirement of the client and converting it into a machines.

All clamping, locating and plugging will be done by hydraulic / pneumatic cylinders automatically, hence the process time and labor required is greatly saved. The operator only has to load the component & then press cycle start push button.

Total operation is automatic without operator interference. Machine is fully automatic & controlled through PLC. The system is configured to operate in Auto / Manual mode

- SPM's
- Assembly Machines
- Leak Testing Machines
- Hydraulic & Pneumatic Press
- Pick & Place
- Belt Conveyor
- Auto Loader
- Machining Fixtures
- Poke yoke Fixtures



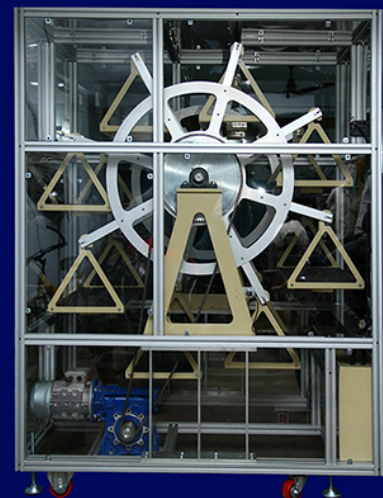
Conveyor:

A conveyor is a common part of industrial machining that moves material from one location to another. Conveyors usually consist of large systems that allow movement of large, heavy, and bulky material. Conveyors provide quick, convenient, and most importantly safe, transportation for a variety of materials. These materials can range in size and weight. Due to extensive size and weight of some materials conveyors can lower the risk of human injury by avoiding the need for human labor on heavy materials. Conveyors are also easy to install and can greatly increase productivity.



Type of Conveyor

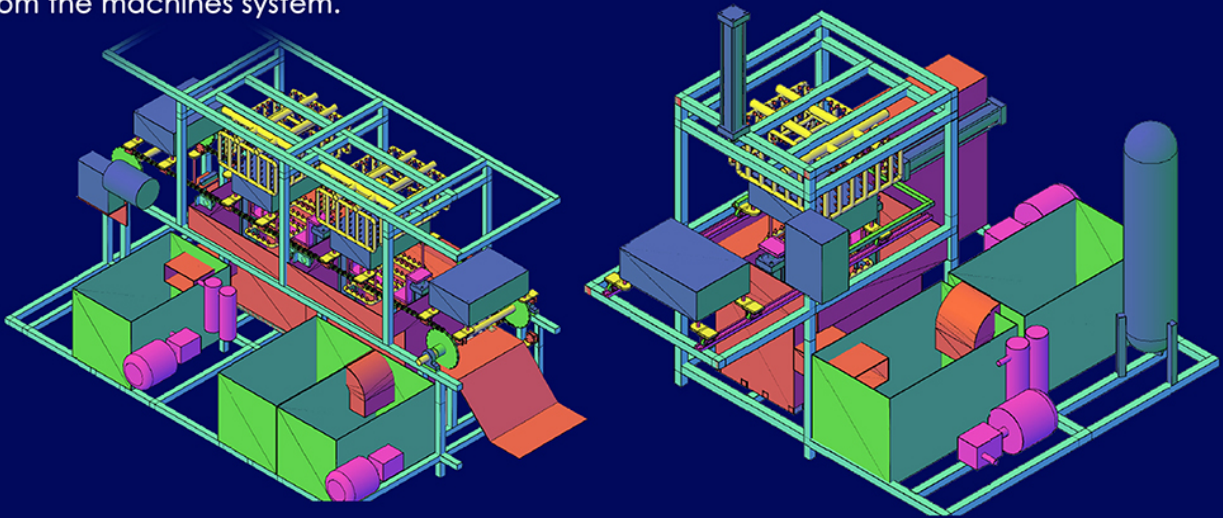
- Roller conveyors
- Belt conveyors
- Chain conveyors
- Cooling Conveyor



Single station & Double station bin washing machine:

The plastic tray bin washer is a fully automatic washing machine. Constructed using Stainless Steel, the machine is designed to withstand the toughest conditions. With the simple design loading system, saving time and limiting risk of any injury to personnel. Controlled via a PLC controller the operation of this machine is done using an LCD Touch Screen located on the front of the machine. With this easy to use interface operators will have the ability to program and edit such things as the temperature setting and cleaning times as well as start and stop the cleaning process. With a unique operation process the machines features include; high pressure hot water washing, steam cleaning, water rinsing, blow. The cleaning process will take a minimum time of approximately 1-2 minutes which include the manual loading of the bins into the machines auto loading racks.

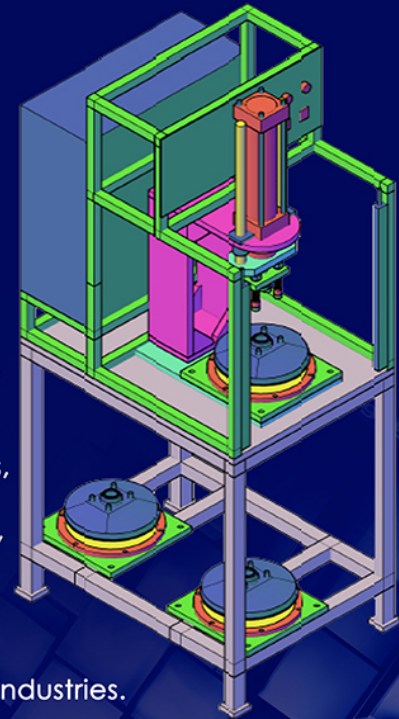
The unit limits water wastage as it has its own recycling system incorporated into it. This allows the dirty water to be constantly passed through large capacity filters, cleaned and then reused. As well as the recycling system the machine also has an oil and waste collections system allowing easy removal of unwanted contaminants from the machines system.



Leak test machines:

Leak test machines are electro pneumatic instruments that are basically used to test for leakage of vacuum and air in various industrial components. Leak test machines detect unwanted leakages and help in improving the quality standards. Usages of leak testing machines are a common, routine and essential part of most of the industrial production, testing, quality control and research & development processes.

Applications: There are a lot of industrial sectors that produce materials that needs to be tested thoroughly for leakages for example industries that manufacture filters, valves, pipes and fittings, radiators, taps, cylinder heads, pumps, cylinder blocks, fuel tanks, oil seals, oil pans, passage choke, oil coolers, automobile silencers, gear box assemblies, engine assemblies, air conditioner systems, etc. So you see that usage of these leak testing machines is an extremely important part of production and quality control process of these companies. Some of the industrial sectors where leak test machines are used are automobile industry, engineering plants and plastic industries.





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Machine Manufacturing

FA Products Sales

Control Panel Wiring

Programming Service

