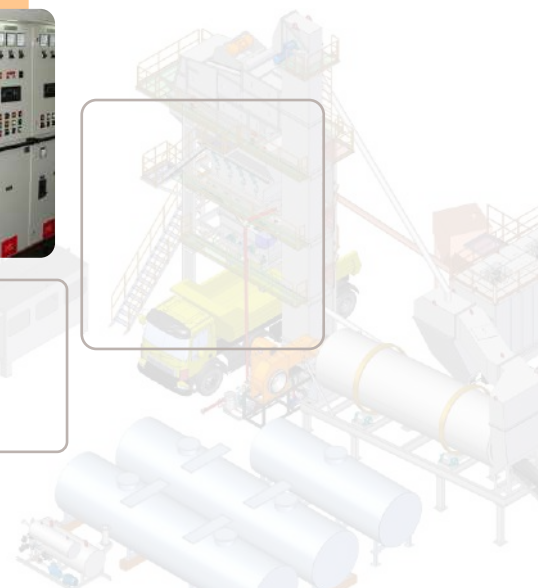




KESHER AUTOMATION

INDUSTRIAL AUTOMATION SOLUTION



ABOUT US

Kesher Automation takes the pleasure of introducing itself as a renowned organization and leading manufacturer of Electrical Control Panels in Gujrat(INDIA) which are used for various purposes in industries. Our Electrical Products are made as per the international quality standards to assure high performance and functionality. These Electrical Products are safe to use as we test them under strict industry parameters for safe usage. Our comprehensive range includes Drum Mix Control panel, Wet Mix Plant Control Panel, Asphalt Batch Mix Plant Control Panel, Concrete Batching Plant Control Panel, Brick Plant Control Panel, PCC-MCC Control Panel, APFC Control Panel, Main LT Control Panel, Power Control Panel, and Many other.

Backed by a skilful team and state-of-the-art infrastructure, we also offer services for repairing of the existing panels in the industries, earthling of the equipment and consultancy in the power sector. We have been growing steadily in the power distribution and power conservation sector. We have 15 years of experience in the field of load management, power conservation, automation of electrical machines and repairing jobs.

Ever since its inception, Kesher Automation is one of the renowned companies engaged in manufacturing and supplying a wide range of Electrical Control Panels for the Clients. With the help of our Skilled and Dexterous team, we make sure that the entire range is accurately manufactured under the supervision of our Experts.

We Kesher Automation has maintained the highest Standard of Quality, we (removed at) are customer-oriented organization where quality is the Inspiration and Innovation is the way of life. All department like Sales, Marketing, Purchase & Accounts, Design, Production, Service, R&D and Quality controls are located in our high-tech campus.

Our manufacturing unit is located Vatva Industrial Estate. Having with independent manufacturing facilities like fabrication shop, painting shop, assembly, R&D and other department.

Our products are most suitable for various kind of industries like Construction Equipment's, Rolling Mills, Textile Industries, Rubber Industries, Ceramic Industries, Stone Crushers, Injection moulding Machines, Polymer Industries Process Plants, Real Estate etc.

We are working on E-plan and AutoCAD software for Design. Gujarat Control Systems rely on Quality, Productivity, Delivery & On Time Customer Support has taken company to grow Faster.



Kesher Automation, we are committed to provide products meeting customer requirements on time to achieve more and more customer satisfaction. We still strive for on-going improvements in all activities by enhancing Skills of all our employees through training and motivation. We also commit to implement, maintain and continuously improve our quality management system as per ISO 9001:2015 standard and also commit to fulfil all applicable statutory and regulatory requirements.



- **ASPHALT BATCH MIX CONTROL PANELS**
- **AC & DC CONTROL PANELS**
- **MULTI DRIVE CONTROL PANELS**
- **PLC & SCADA PANELS**
- **PCC & MCC PANELS**
- **LT CONTROL PANELS**



Keshher Automations present ourselves as a prominent manufacturer and supplier of Asphalt Mix Plant Panel. As per the current market trends and demands, our hardworking workers put their dedicated efforts to manufacture this panel. The projected range is outstandingly designed in acquiescence with world-wide quality standards, using best quality raw material and state-of-the-art technology. Further, our valued clients can benefit this panel in various specifications, in acquiescence with details stated by clients.

Keshher Automations Asphalt Batch Mix Plant Control Panel can mechanise the customers' machines better than ever before. Furthermore, the clients can reduce the worker data entry through sparing needs and constraints in different machines' station or by sending the data through network which comes from the engineering unit. Customers can always improve their uptime by hosting our effective electronic control panels.

Asphalt Batch Mix system uses touch screen PLC technology with SCADA System to integrate all the batching functions into one integrated controller which provides real time batching control on a PLC and all in one PC. Air Condition Control room is provided for plant control. The panel is divided in two main parts. MCC and control desk. In MCC all starter and Drivers are located. In control desk PLC, HMI and other controls are located both the panels are interconnected and tested. All motors Start / Stop, complete batching control and all material handling motors. Feeders, Asphalt pump and filler screw are controlled from the desk. The operator can easily operate the whole plant from the desk only. Computer LED & HMI units allows setting and view data. The operator can enter plant setting like gradation % or select recipe, Batch Weight, Load, Temp, Units etc. We get all types of reports and online monitoring through SCADA systems with computer and printer.

Control Feature:

- All control operation can be control from single central location
- ABP HMI & Controls. The process witch unsure to achieve the required performance
- ABP Scada store ALL data in database server thus if requires the data can be excessed in the future to excess the performance

Range of Batch Mix Plant Control Panel:

- ABP 60 TPH
- ABP 80 TPH
- ABP 100 TPH
- ABP 120 TPH
- ABP 160 TPH
- ABP 200 TPH
- ABP 240 TPH

Salient Feature

- Siemens Make PLC And HMI. With Optional Scada System.
- B & R make PLC And HMI with optional Scada system
- Brother make printer.
- Control cabinet tested with water test.
- All switchgears are used from Siemens / Schneider / Eaton.
- Auto and manual mode both are given in control desk. All extra accessories with ISO standard.





Kesher Automation are supplying our respected clients with the first-rated quality of Drum Mix Plant Control Panel. This panel is factory-made using high-quality raw material and modern equipment by our expert engineers. The presented panel is available in diverse dimensions and other connected specifications, in order to meet expectations of our valuable clients. Our provided range is thoroughly verified by the team of our professionals.

The control panel is latest technology with Microprocessor and PLC-SCADA based controlled operation. Through these systems we get production reports and daily reports etc. In this panel system there are many facilities like ac motor control, main burner control, bitumen burner control, general section, dc dimmer control / ac drive control, microprocessor unit with load cell system, computer printer etc.

Control Panel for Model

- DM 20-30 TPH
- DM 40-50 TPH
- DM 60-90 TPH
- DM 90-120 TPH
- DM 120-150 TPH

Panel Contains

- AC Motor Control
- Main Burner Control
- Bitumen Burner Control
- General Section
- Auto / Manual Mode Systems
- Micro Processor Unit with Load cell System
- Computer Printer

Control Feature

- Panel body fabricated from high quality CRCA sheet and duly powder coated.
- Aggregate Control.
- Bitumen & Mineral Filler Control.
- Desired % Can Be Set by Facility of Moisture %.
- Indication Of Mix Material
- Bitumen Tank, Exhausted and Auto Controlling of Dryer & Bitumen Tank Burner.
- All controls are easily accessible and in easy reach of the operator.
- Panel can be operated in ACTUAL mode or SET mode.
- Heavy duty push buttons, toggle switches, knobs & levers are placed in logical manner / sequence for operating and controlling the plant.
- Feather touch button operating console is provided for pre-setting & displaying variable parameters of ingredients as per job mix specification and functional parameters like plant output per hour, etc.
- With inbuilt safety devices like fuses, MCB, MCCB, MPCB, Relays, Overload Protection, Emergency stop button, etc.
- Indicating devices like lamps, meters etc. for no flow, burners, main power supply, variable speed and other constant speed motors

Range of Batch Mix Plant Control Panel:

- Desk type Control Panel for Auto D.M. Plant
- Desk type Control Panel with cabin for Auto D.M. Plant
- Desk & MCC Type Control Panel with cabin for Auto D.M. Plant
- Control Panel for Auto D.M. Plant with Only Instrument Panel





Because of precision and value concerned with approach, Keshar Automations have impressed niche in the industry by offering a huge grade array of Wet Mix Plant Panel that is known for its finest quality and cost effectiveness. In order to ensure the quality of Wet Mix Plant Control Panel, skilled professionals inspect the offered range on numerous factors.

Aside from this, we deliver our whole range in different specifications, in order to meet wide-ranging requirements of our clients with in assured time line. Keshar Automations design compact, pre-wired, user-friendly and easy to operate mix plant control panel. It includes numerous features to conform to M.O.S.T. guidelines. Our Wet Mix Plant Control Panel are known for improved performance, trustworthiness and extensive functional life.

The control panel is latest technology Microprocessor and PLC base-controlled operation. Panel suitable for any size of wet mix plants (60 tonnes to 300 tons/hour). water is measured through digital flow meter and cement /filler is controlled through rotary valve/ screw conveyor. Load cell system weighs dry material. Gradation is ensured through variable ac drives of bins. Synchronization cut maintains exact ratio.

Control Feature:

- MCB, MPCB protection for short circuit overload
- Amp. Meters for all A/C motors & Total Load
- Wet Mix Plant has features like; Aggregate Control, Fully Auto Gradation for All \$ Bins and water & cement controls with Auto Calibration.
- Easy & maintenance free operations

Range of Wet Mix Plant Control Panel:

- Control Panel For Wet Mix Plant
- Control Panel with microprocessor & printer with loadcell system
- Control panel with PLC + HMI + Printer with optional SCADA

Range Of Wet Mix Plant Control Panel

Control Panel For Model 100 / 160 / 200 / 250 TPH (Tons Per Hours)



Kesher Automations are one of the renowned companies engaged in manufacturing and supplying a wide range of Concrete Batching Plant Control Panel, which is PLC based fully automatic control panel provided with manual back up for functioning and monitoring concrete batching plants. In this type of plant, all weight aggregate, cement, water, sand, and additive can be set in cores and fine steps.

With the support of Kesher Automations experienced and expert team, we make sure that the complete range is accurately manufactured under the observation of our experts. Our professionals conduct several types of experiments on the Concrete Batching Plant Control Panel to confirm compliance with nation-wide and world-wide standards.

Concrete Batching Plant system uses touch screen PLC technology with SCADA system to integrate all the batching functions into one integrated controller which provides real time batching control on a PLC and all in one PC. User Programmable recipes are available up to 999 numbers. A printer is attached which gives complete record in user definable format. It weights aggregate, cement, sand, water and Additive and the weights can be set in cores and fine steps. Through these systems we get delivery slip, consumption report, recipe wise reports, custom wise reports, site wise reports, truck wise reports, daily production reports, etc.

Control Feature:

- CBP had Features Like; Aggregate Control, Fully Auto Gradation for All Bins, Auto Calibration, Cement, Water & additive Control and Fully Auto Calibration
- SCADA had some other features like; Easy to use software, auto/manual mode, simple weighting calibration for (Aggregate, Cement, Water, Additive), online monitoring and remote operation/remote access, production reports, batch reports, daily reports, customized operator panels, low maintenance, cost efficient, reduced power consumption, solution for concrete batching plant, solution for Asphalt batching plant, designed for heavy duty operations.

Range of Batch Mix Plant Control Panel:

- Micro controller type
- Control Panel PLC + HMI Type
- Control Panel PLC + HMI Type with Printer
- Control panel PLC + HMI + Printer with optional SCADA + PC
- Control panel PLC + HMI + Printer with optional SCADA + Touch Screen PC

Salient Feature

- Aggregate Control
- Fully Auto Gradation For All Bins
- Cement, Water and additive Control

In Panel

- AC Motor Control
- Cement Batch Control
- Aggregate Batch Controller
- Additive Batch Control
- Actual / Set Mode System
- Water Batch Control
- Computer Printer System
- PLC / Micro Processor Based - Calibration System
- All type reporting systems

Range Of Wet Mix Plant Control Panel

15cm / 30cm / 60cm / 120 cm Concrete Batching Plant Control Panel with Printer and SCADA & READ SCADA

PCC PANELS



- We manufacture top quality Power Control Centre (PCC) panels. We can provide PCC Panel up to 6000A.
- It has Transformer in corner feeder, D. G. In corner feeder and bus coupler. The out-going can go to other all types of distribution panel or MCC panel.
- PCC panels are used for supervising of voltage and it controls reactive power of the system.
- The power control center has a wide application in sugar factories and all types of industrial sectors.

TECHNICAL SPECIFICATIONS

- Voltage : 440 V
- Current Rating: upto 6000A
- IP - upto IP-65



TECHNICAL SPECIFICATIONS

- Voltage : 440 V
- Current Rating: upto 630A
- IP - upto IP-65



METER PANELS

- We offer a technically advanced metering panels that are extensively used in diverse all segments.
- The panels that we produce are painted with heat/fire retardant paint and have provision for future expansion, making them ideal for railways, multi storage, buildings and quarters.
- In terms of quality and safety, the panels are in compliance with the set industrial parameters. We efficiently execute the undertaken work, right from designing to fabrication and on-site commissioning.
- Our Meter Panel Board is suitable for installing in commercial and household complexes, industries and other establishments.
- We provide our Meter Panel Board in different configurations at the best market prices.

MCC PANELS

- Our organization manufactures to quality MCC panels.
- These panels are starter panels having DOL Starter, RDOL Starter, STAR DELTA Starter, VFD Starter and SOFT Starter.
- This MCC consists of various section of motor control units and has a power bus which is common to all.
- The MCC panel have their uses where large number of electric motors are used as in large industries.

TECHNICAL SPECIFICATIONS

- Voltage : 440 V
- Current Rating: upto 4000A
- IP - upto IP-65



TECHNICAL SPECIFICATIONS

- Voltage : 440 V
- KYAr rating : upto 1500 kVAr
- Current Rating: upto 3200A
- IP - upto IP-65



APFC PANELS

- We manufacture optimum quality capacitor panels using the most optimum quality raw materials, procured from the best Vendors.
- We ensure that our capacitor panel are durable, rust free and efficient.
- These are extensively used for maintaining low tension and high tension in factories and wind mills.
- The capacitor panels that we offer are as per requirement of the industry in compliance with IE rules.
- These panels are equipped with suitable breaking capacity that provides back-up protection and eliminates the need of HRC fuse replacements and are vermin proof as well.
- Our range of capacitor panels are highly reliable and are extremely cost efficient as there are not fuses.

OUR VENDORS



SIEMENS



Schneider
Electric

ABB



Fe Fuji Electric

EATON



L7 LARSEN & TOUBRO
It's all about Imagination

RR KÄBEL



LAPP INDIA

RISHABH
INSTRUMENTS

MULTISPAN

OMRON

finder
SWITCH TO THE FUTURE



brother
at your side

Canon



elmex
Since 1963

Roly-Tray

ESSAR
STEEL



Switch Gear



Switch Gear



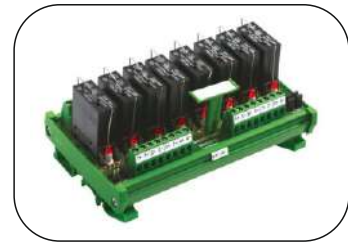
Loadcell Card



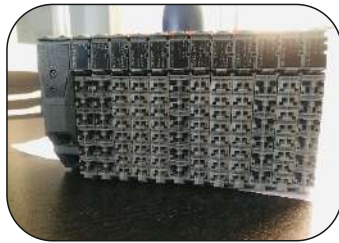
Load Cell



Control Relay



Relay Card



PLC



PLC



PLC



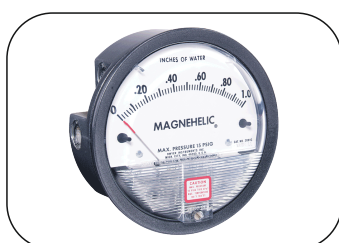
HMI



HMI



Temperature Controller



**BAGHOUSE
PRESSURE METER**



CT COIL



VFD



Power Supply (SMPS)



LINE CHOWK



-  **Head Office**
-  **Sales & Service Office**
-  **Global Reach**



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