



Fully interlocked system complies with all safety standards



www.gayatricontrol.com

CE | **c** **UL** **US LISTED**
CE & UL Listed Control Panels

 **GAYATRI**
Control and Automation Private Limited
Matters of pride & precision

| HISTORY

2022

Certified Panel CPRI

2017

Vision Automation Redundancy
Trunking Projects

2014

SCADA, IIOT Solutions
RMC Plants, Drum mix Asphalt

2012

UL Listed Panel Shop

2008

Authorized System Integrator
Schneider and B&R

2003

Certification ISO and CE Conversion
of DC System to VFD Based

1999

Development Drum mix and
RMC Processor

1997

First Time Ac Drive and
PLC System

1995

Start up Started with
Manufacturing of DC Drives
up to 500HP

| WHAT WE DO



Control Panel
Manufacturing



Engineering
& Design



System
Integration



Installation &
Start-UP



Automation in
Process Machine
Smart Factory



Industrial IIOT



CPRI approved short circuit & IP Test
PCC and MCC Panels as per IS/IEC 61439-1

25+ Years of Experience in
Industrial Automation

Quality Certificate :
ISO 9001 : 2015, CE, UL Listed Shop

Authorised Schneider
System Integrator since 2008

400 + Existing Clients

3000 + successful Installation

Panel Assembly, Testing Area
7500 Sq. feet

Dedicated engineering team in terms of Sales,
Design, Production, ERP Driven Company

CUSTOM BUILD MODULAR SOLUTION



Our Experties

- | | | |
|---------------------|-----------------|---------------------|
| ■ LT CONTROL PANEL | ■ HTMC PANEL | ■ MCC PANEL |
| ■ MV PANEL 11/33/KV | ■ MV SWITCHGEAR | ■ APFC PANEL |
| ■ RING MAIN UNIT | ■ PCC PANEL | ■ INTELLIGENT MCC'S |

DRUM MIX ASPHALT PLANT CONTROL PANEL & SCADA

- New Design
- Easy Operation
- High Production Rate
- Low Operating Cost
- Minimize Maintenance
- Accuracy in Quality Control



ASPHALT BATCH MIX CONTROL PANEL & SCADA

- Unlimited recipe
- Alarm and breakdown records
- Wireless monitoring and control
- Close loop controls
- Feeder control by network VFD
- Remote support 24 x 7

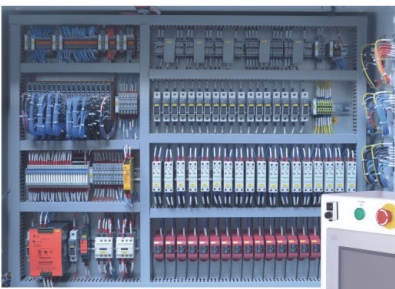
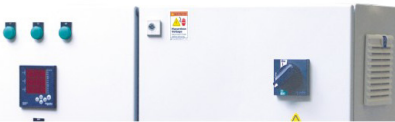


| CONCRETE BATCH MIX PLANT CONTROL PANEL & SCADA



- Solution upto 330 m³/hr
- Remote operation/
remote access
- Cost effective solution
- Simple weighing calibration
- Exchange data between
shop floor & enterprise level
- Seamless integration

| UL508A PANEL SHOP



UL Listed Control Panel What Is UL 508A?

UL 508A is the UL Standard for Safety of the construction of Industrial Control Panels. This includes proper component selection, wiring methods, and calculation of short circuit current ratings.

CONTROLLER WITH PRINTER & USB SELF LOADING CONCRETE MIXER

- Self Loading Concrete Mixer Controller
- High speed micro controller
- All in one controller compatible with various Plants
- Isolated Input / Output with on board indication
- Thermal Printer Connectivity
- 24 bit analog input
- Easy to operate and calibrate with help of direct access of Keyboard
- Easily detachable wire connectors
- USB Data Storage

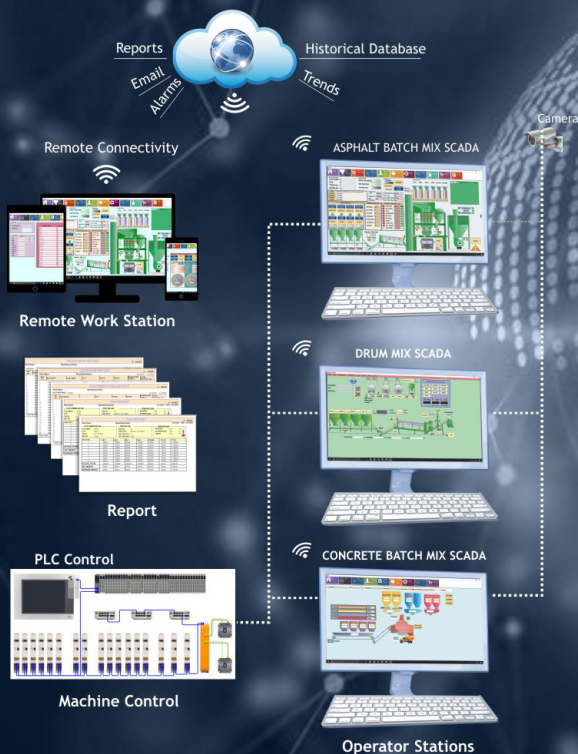


DRUM MIX ASPHALT PLANT CONTROL PANEL & SCADA

- Interface with any VFD
- Operational intelligence
- Safety for continuous process
- Cost effective
- Asset performance for continuous process
- Real time profitability



SECURE DATA CLOUD PLATFORM



- Cybersecurity
- Mobile Technologies
- Bid Data analytics
- Cloud Computing
- Machine to Machine
- Advanced Robotics

MOBILE AUTOMATION X90 MOBILE SAFETY



- Comprehensive certification
- Future-proof safety solution
- Connections for decentralized, safe I/Os
- CAN, USB, Ethernet and the
- Real-time POWERLINK bus system

| APPLICATION



CONSTRUCTION

Asphalt batching Plants
Mobile Batching
Drum mix Plant
Stationary Batching Plant
Concrete Batching Plant



PLASTIC & PACKAGING

Polymer Pencil Production
Bag Cutting & Stitching
Pet Extruder
PVC CPVC Production Line



FURNACE & FOUNDRY

Tunnel kiln
Curing Oven
Shuttle Kiln



VISION SYSTEM

Label Detection
Siring Inspection
Plastic Profile inspection



TEXTILE

Yarn Production
Fabric Procuction
Finishing
Lab Dying Machine



TRUNKEY PROJECTS

Material Handling
Stone Cutting



IOT SOLUTION

Cloud Computing
Remote Operations



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