S S CONTROL SYSTEMS

Innovations in Steel

Making the Best even Better

ABOUT US

SS CONTROL SYSTEMS (SSCS) has more than 30 man years of experience in designing E**lectrical & Automation control panels, Control room Consoles & Furniture, Server & Instrumentation racks and Industrial Fans.** SSCS has established a well-equipped infrastructure, testing and people competence to take-up all kinds of customized solutions & deliver high quality products.

We has our own in-house design facilities and expert capabilities in Auto Cad / 3d max software package to enable our customers to visualize their office spaces.

SS Control Systems was born out of the vision of two Mechanical Engineers **G. Sidhaian** and **Sivappirakasam. C**

VISION

To be a partner of choice to our customers by delivering value for money and long lasting products with Value Engineering and best quality inputs using the latest Manufacturing process to delight our Customers every time.

MISSION

To exceed our customer's expectations and achieve customer delight in everything we do by implementing World class Quality and testing processes.

QUALITY POLICY

SS Control Systems will only deliver quality products and service that will meet or exceed customer expectation. Our committed professionals will be fully responsible for the highest standard of performance with continuous improvement in process and to deliver value resulting in customer delight.

SSCS is committed to total customer delight by meeting their expectations in terms of Quality &amp; Delivery on time, every time.

With investment in rigorous Testing facility that ensures what comes out of our manufacturing process will perform just as it is expected to.

PRODUCTS & SOLUTIONS

Electrical & Automation Control Panels

SS Controls, designs and manufactures world class Electrical control panels for various industrial applications. We work to achieve our Vision and Mission of making value for money products using Value Engineering and Quality processes.

PLC PANELS

The SS Control Systems' PLC Control Panels are designed to give higher output with low power consumption. We integrate the best PLC logic and PLC hardware programming and provide HMI/MMI and touch screen so that the operators can easily manage the PLCs. We have delivered programmable logic controller panel specifically designed and engineered to work with both Analog and Digital components and circuits.

MCC PANELS

SS Controls has vast expertise in designing and manufacturing of Motor Control Centre (MCC) Panels. We supply Single Front and Double Front Design which are made to IS 8623 standards and withstands Short Circuit withstanding capacity for 65 KA for 1 Sec. The Switchboards come in Draw-out type or in Fixed configurations.

PCC PANELS

SS Controls, designs and manufactures premium quality PCC panels according to the customer specifications. We use only the best quality Busbar and Switchgears, so our PCC Panels last a very long time and is trouble free. We manufacture PCC panels up to 6300A and for operational Voltage. Design is modular with provision for Alarm, Load Scheduling system, Thermostat, Space Heater, as required by customer.

APFC PANELS

SS Controls is a trusted manufacturer and supplier of APFC panels (Automatic Power Factor Correction Panels). Our unique design gives enough space around capacitor bank panels to efficiently dissipate heat. We also manufacture Thyristor based Real-Time Automatic Power Factor Correction Panel. This ensures Zero harmonics and Surges, which increases the life and performance of the Capacitor Banks along with the life of the electrical installations.

TOGGLE SWITCH FOR "MANUAL MODE"
IPFC RELAY
DANGER

Control Room Consoles, Furnitire & Racks

CONTROL ROOM CONSOLES

Our top priority is to keep your Control room operators cool and comfy when they work in a 24x7 working environment. Our cutting edge consoles reduce physical fatigueless and injury and work related stress. We manufacture all kinds of interior components for Control Rooms.

- Workstation Consoles
  Control Room Interiors
- Control Room Modular Furniture
- Ergonomic Design Standards
- Design - Built Solutions
- Server Racks and Instrumentation Racks

CONTROL ROOM FURNITURE

We continue to innovate and satisfy our customer needs for Hi-Tech and Modern Commantd Centre's Consoles &amp; Furniture. Our client-centric product innovations has made us the partner of choice for command center solutions. We strive to enable command center operators to work at their peak potential by supporting them with functional and ergonomic furniture and work spaces.

Our custom-built Hi-Tech furniture

maximizes our client's Return-on-Investment with long lasting products that gives the best user experience.

SERVER & INSTRUMENTATION RACKS

SS Controls offers a wide range of Rack products to ensure Server safety and ease of managing Networking devices and miles of cables in an organization or a Data center. Our products are crafted from top quality materials to ensure they have long life and reliable.

Our Data center racks and Network racks have been designed to satisfy the dynamics of the server rooms like Cable density, Power consumption, Heat dissipation, etc. We make a range of Server Racks like Open Racks, high density and medium density closed racks etc.

We use 14 gauge steel sheet for Server racks with adequate supports welded to theframe. Network cabinets are mounted on 4 caster wheels with brake system. The Standard 42 RU profiles come with 650, 800, 1000, and 1200 mm depth specs. We also
custom make cabinets based on customer requirements and space constraints.

We manufacture both Wall Mount and Floor Mount Racks and Cabinets.

12 U up to 42 U

Industrial Fans & Blowers

SS Control Systems manufactures fans with flow rates ranging from 300 m3 to 80,000 m3 per hour. Customers can choose from our wide range of Industrial Fans, Exhaust Blowers, Industrial Exhausters, Industrial Blowers, Industrial Cooling Fans, Industrial Centrifugal Fans, Industrial Ventilation Fans and Impeller Fans.

Heavy Duty Centrifugal Blowers

We manufacture wide range of centrifugal fans in varying capacities with fan wheels that range from 20 cm to 150 cm in diameter.

FORWARD CURVED CENTRIFUGAL BLOWER

SS Control Systems' Centrifugal Forward Curved Fans/Blowers consist of Single Inlet and Single Width (SISW) configurations and Double Inlet Double Width (DIDW). Our Centrifugal Blower Fans have forward curved impellers with forward curved blades to give you maximum efficiency at low noise levels. We can manufacture to your specifications from Fan Size [400 mm to 1000 mm (Dia)], Flow rates (from 200 to 25000 cfm) and Pressures (from 100 Pa to 600 Pa).

BACKWARD CURVED CENTRIFUGAL BLOWER

SS Control's Centrifugal Blower Fans consist of Single Inlet and Single Width (SISW) configurations and Double Inlet Double Width

(DIDW). These fans come in wide ranges of Flow rates (from 200 to 50,000 cfm) and Pressures (from 100 Pa to 1000 Pa)

AXIAL FLOW FAN

Axial Fans with Adjustable Pitch

SS Control Systems' axial fans are designed to meet demanding commercial and industrial ventilation needs in hot, humid, dusty and corrosive environments. We manufacture Axial Fans with Impellers up to 120 CM diameter. Our unique axial impeller comes with variable pitch blades and customer can customize by changing the Hub - Tip ratio and also numbers of blades.

- Tube Flow Axial Fans or Ducted Fans
- Axial Flow Fans or Wall Fans

Plug & Plenum Fans

Our Plug fans and Plenum fans are designed and installed for general HVAC applications, where large volumes of clean air is needed to be pushed at moderate or low pressure. These fans offers great versatility and can be custom built for any configuration.

FANS TESTING FACILITY

SS Control Systems has in-house Fan Testing Facility for both axial and centrifugal fans. We thoroughly test all mechanical and aerodynamics performance of our fans.

Centrifugal Fan Performance Testing

Centrifugal Fan Impeller Dynamic
Balancing Testing

WHY CHOOSE SS CONTROL SYSTEMS

Because we make great quality products at low cost, creating value for money and long lasting products,

- By using Value Engineering methods and best quality inputs
- In our modern Manufacturing & Fabrication process
- Guided by the world's best QA systems
- And conducting robust testing of every component before final delivery

SS CONTROL FOUNDED BY VISION OF 2 ENGINEERS AND TECHNOCRATS

Sivapirakasam C, Managing Partner

A Mechanical Engineer with more than 15 years' experience and a wide functional expertise in Marketing & Project Management, Quality Control, Production Planning and Control, Design and Business Development.
Siva is multi-skilled and handles activities from scheduling for the manufacturing activities, Procurement, working with Design team, meet the customer requirement, supporting the Production team for Quality output and finally coordinating with the customer for product delivery.
Siva is a versatile Account Manager and ensures our Customer requirements are delivered to their expectations if not exceeded.

Email: **sivaprakash@sscontrolsys.in**
Mob: **6380 7220 28**

Sidhaian G, Managing Partner

Sidhaian, is a core engineer at heart and has 20 years of rich experience in Sheet metal welding, Automotive Seating systems, Heavy Fabrication / Assembly.
He has worked in reputed MNCs and been handling responsibilities as Operations Head for more than 12 years.
Sidhaian is a Mechanical Engineer and a Six Sigma Belt. He is proficient at using TQM tools like 8D, Kaizen Improvement and 7 QC tools.

Email: **sidhaian@sscontrolsys.in**
Mob: **9840 0901 44**

✉ info@sscontrolsys.in

SS Control Systems, No. 33, Attibele Industrial Area,
Balagaranahalli, Bangalore, Karnataka -562107
Tel: +91-80-2782-0400

www.sscontrolsys.in