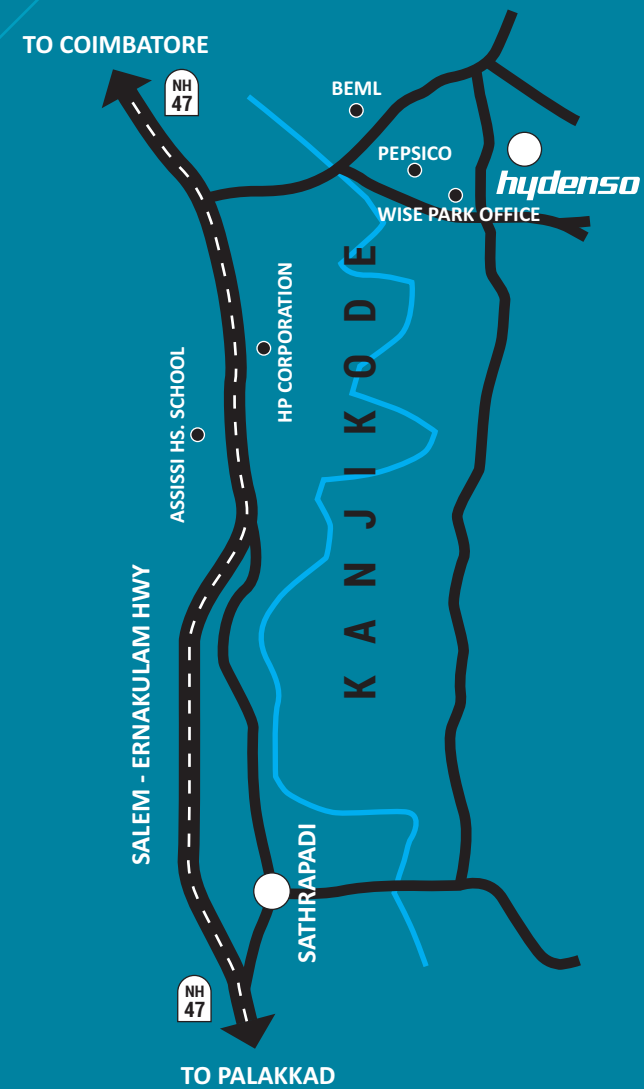


hydenso

Electrical Switch gear & Control panels



- Power Control Centers • Main Switchboards • Motor Control Centers • Automatic Power Factor Control Panels (APFC)
- UPS Power Panels • Fire Fighting Panels • Auto Mains Failure (AMF) panels • DG Synchronizing Panels
- SCADA integration Panels • PLC Controlled panels • External Use IP 65 panels • Bus Ducts & Raising Mains
- Control Desks • Sub Distribution Boards • Stainless Steel Panels • Other customized Panels

hydenso
Electrical Switch gear & Control panels

VIII/1187, Wise Park, Palakkad, Kerala, India - 678 621
Ph : +91 491 2568272 Fax : +91 491 2568171
Email : contact@hydenso.com Web : www.hydenso.com

OUR COMPANY
PROFILE



The growing demand for Engineering activities in Kerala together with the experience in sheet metal, Hydraulics, Pneumatic and Polymer Engineering gave birth to HYDENSO to be a reliable partner for Production , Manufacturing and Engineering centers in India and Abroad.

HYDENSO steel and Engineering Pvt. Ltd was established in April 2009 with its registered office at Wise Park , Kanjikode, Palakkad , Kerala -678621, with an aim to specialize in MV and LV switchgear panels and Control Panels .

The factory is setup in the strategic position and the heart of the industrial area with 6000sqm of land and 2700sqm of build up area. HYDENSO is a state of the art manufacturing facility for sheet metal components and enclosures to the international standards together with an in house surface finishing facility and well equipped assembly area.

Currently we are one the leading manufacturer of MV and LV switchgear panels and control panels. In a short span of time we were able to get 3250A 50kA panel type tested from Central Power Research Institute (CPRI). We have consistently delivered quality solutions to our customers.

OUR COMPANY
PRODUCTS



Power Control Center (PCC)



Main Switch Boards



Motor Control Centers



Automatic Power Control Panels



UPS Power Panel



Fire Fighting Panels



Auto Mains Failure (AMF) Panels



DG Synchronizing Panels



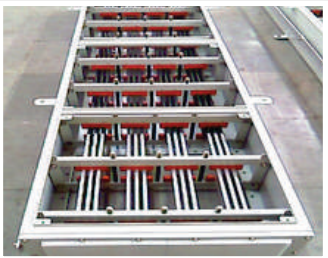
SCADA integration panels



PLC Controlled Panels



External Use IP-65 Panels



Bus Duct



Control Desks



Sub Distribution Boards



Stainless Steel Panels



Customized Panels

OUR COMPANY

INFRASTRUCTURE

ASSEMBLY AND TESTING SHOP [1000 SQM]



HYDENSO is the first panel builder in Kerala to install form Casketing, an advanced German technology to provide long lasting and effective air sealant and vermin protection for enclosures and shutters. This technology is mandatory to meet various international standards in enclosure designs and can meet various IP standards.



ASSEMBLY Area

HYDENSO Boasts of 1000 sqm assembly area handled by qualified and experienced technicians. They take care of customer requirements and provide enough fixtures and cutouts for easy erection of panels and termination of cables. Technicians take particular care in all aspects of site requirement so as to have enough space in switchboards. Control wiring and all internal wirings are routed through high quality PVC channels and terminated with proper connectors. Detailed drawings and indicators are provide for future maintenance and modifications .

Assembly technicians maintain advanced pneumatic tools for fixing nuts and bolts with their accurate torque settings. This ensures proper tightening and improves speed of operation. Hydraulic Machine for Bubar operation enable speedy and consistent busbar work with high quality and precision bending, hole stamping and shearing .

Panels are finished with all mandatory requirement of relevant inspecting authorities in terms of maintaining standards and quality.



OUR COMPANY

INFRASTRUCTURE

FABRICATION SHOP [700 SQM]



CNCTurret Punch Press with Fanuc Controls is a 34 station 40 ton punch press is capable of 300 punch per minute . It comes with a sheet cutting optimization software to avoid wastage and setting time delay . Entire fabrication is designed in CAD paying attention to minor details & client requirement.

CNC Press Brake 100 ton with segmented tooling with a sheet capacity of 3000x6mm thk. Enables precision and multiple bending at a single program and toolsetting .



CNC Shearing with a capacity of 3000x6mm sheet size. Multiple shearing in single setting with precision and repeatability

OUR COMPANY

INFRASTRUCTURE

Hydraulic Power Press

50,40 & 20 ton with 50 sets of various tools and die to enable all special operations required for Panel Board and Enclosures fabrications.



KEMPPI MIG welding line from FINLAND

High-grade welding machines and jigs contribute to giving excellent finish to its products making HYDENSO Switchgear Panel boards very aesthetic. The Kemppi MIG CO2 welding machines from Finland contribute to high quality and speed in sheet metal welding leaving very less putty and finishing work , Other than the MIG/CO2 machines we also have Stud welding machines and ARC welding machines.



OUR COMPANY

INFRASTRUCTURE

SURFACE FINISHING SHOP [1000 SQM]

The state of the art powder coating facility with 9 tank pretreatment process with hot pressurised dipping system. The CRC MS sheet is given a zinc phosphate layer before it is exposed to high quality powder deposition and further backed in NC controlled Oven at 200deg. Mounting plates and post assembly drilled components are electro galvanized to protect and form a good electric conducting base. The test performed at in house test facility stand up to the international standard and quality. Thickness (ASTM D1186), Gloss (ASTM D-523).

