

# CONTROL PANELS



**MANUFACTURING  
CONTROL PANELS  
FOR MORE THAN  
30 YEARS**

## ABOUT US

- ▶ BSE Listed company
- ▶ Total plant area – 5 Acres
- ▶ Covered Area - 2 Lacs Sq.ft.



## VISION

Offering innovative energy management solutions, plastics, tooling and moulding in line with the global standards with compliance.

## CERTIFICATION



IATF - 16949  
Automotive



IMS - Quality  
Environment & Safety



5S  
House Keeping



## GOVERNING SPECIFICATION

- ▶ IEC 61439-1
- ▶ RDSO Standards

## TYPE OF PANELS

- ▶ Textile panels
- ▶ MCC & PCC panels
- ▶ Fixed and draw out panels
- ▶ Indoor and outdoor panels
- ▶ Single front and double front panels
- ▶ Control relay panels
- ▶ PLC panels
- ▶ APFC panels
- ▶ VFD drive panels
- ▶ Compressor panels
- ▶ Machine tool cabinets
- ▶ Solar inverter panels
- ▶ Wind turbine controller panels
- ▶ Building automation panels
- ▶ Railway & Metro panels
- ▶ Contract manufacturing of any type of panels

## INDUSTRIES WE SERVE

- ▶ Textile
- ▶ Process industries like Cement, Sugar, Paper, Steel, etc
- ▶ Railway & Metro
- ▶ Compressor
- ▶ Machine tools



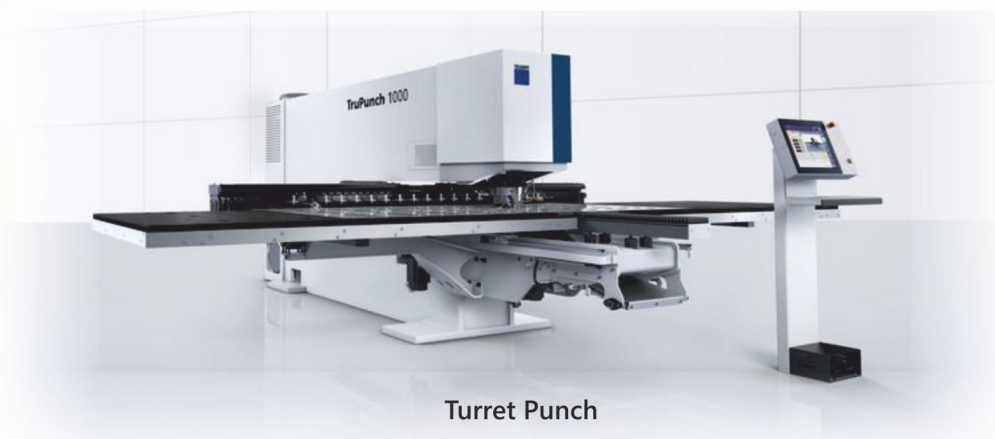
## ENCLOSURE TYPES

Maximum size	5000 X 2000 X 1500 mm
Panel enclosure degree of protection	upto IP67
Short circuit capacity	50kA for 3sec

## MANUFACTURING FACILITIES FOR ENCLOSURES



Fiber Optic Laser Cutting



Turret Punch



Certified Welders



## POWDER COATING FACILITIES



Conveyor System for Powder Coating arrangements



Powder Coating - Batch type Set-up



11 Tank process

## POWDER COATING TEST CONDUCTED

- ▶ Salt spray
- ▶ Abrasive test
- ▶ Bending test

## COLOR CODING CHOICES

- ▶ RAL shades
- ▶ RGB shades

## WIRE HARNESS FACILITIES

### Automated cable harness setup like

- ▶▶ Cutting and stripping machine 0.5 to 50 Sqmm
- ▶▶ Crimping machines
- ▶▶ Cable handling fixtures
- ▶▶ Computerised Marking facilities



Fully Automatic Cutting & Stripping Machine



Stripping & Crimping Machine



Lug Crimping machine



Cable Pullout Testing Machine



Computerised Marking facilities



## DESIGN & SYSTEM CAPABILITIES

- ▶▶ E-Plan
- ▶▶ Pro-E
- ▶▶ Solid Works
- ▶▶ Auto CAD
- ▶▶ Programming software's
- ▶▶ SAP



## TESTING FACILITIES

- ▶▶ Fully functional End Of Line (EOL) test rigs
- ▶▶ Storage type oscilloscope
- ▶▶ Current injection facility for temperature rise
- ▶▶ Power Analyzer
- ▶▶ Variable voltage transformer 3 Phase 0-1000 Volts AC
- ▶▶ Testing set up for MCB, MPCB, Contactors and relays
- ▶▶ Thermal image camera
- ▶▶ Digital temperature measurement & recording system.
- ▶▶ Tongue tester (Range 600Amp & 200 Amp)
- ▶▶ HV tester 5 kV
- ▶▶ Insulation tester Megger (Rating 500V & 1000 V)



# The LECS Squadron...



**LAKSHMI ELECTRICAL CONTROL SYSTEMS LIMITED**

CIN : L31200TZ1981PLC001124

Admin & Works : Arasur, Coimbatore - 641 407. Tamil Nadu, India. Phone: +91 422-3093500.

Mobile: +91 88702 10642. E-mail: [elec\\_mktg@lecsindia.com](mailto:elec_mktg@lecsindia.com)

[www.lecsindia.com](http://www.lecsindia.com)