United Accreditation Foundation
3510,Colmar,Norfolk, VA 23509,
United States of America
An ISO 9001:2015 Certified

IS 1180
Part 1
CM/L-6400122494

UNITECH
ELECTRICAL INDUSTRIES
saving energy, saving nation

- Transformers
- Prefabricated Substations
- HT Switchgear

www.unitechelectro.com
+91 949 788 2356 marketing@unitechelectro.com

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About us

UNITECH Electrical Industries is an Electrical Equipment Manufacturing Company, Its production facility is located in Kochi, INDIA. The company specialises in designing and manufacturing energy efficient Transformers, Compact Substations and Medium Voltage Switchgear Panels as per IS / BIS / IEC / ANSI Standards. Professional management, skilled work-force and state-of-the-art manufacturing and testing facilities enable UNITECH to produce excellent quality products.

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MANUFACTURING FACILITIES

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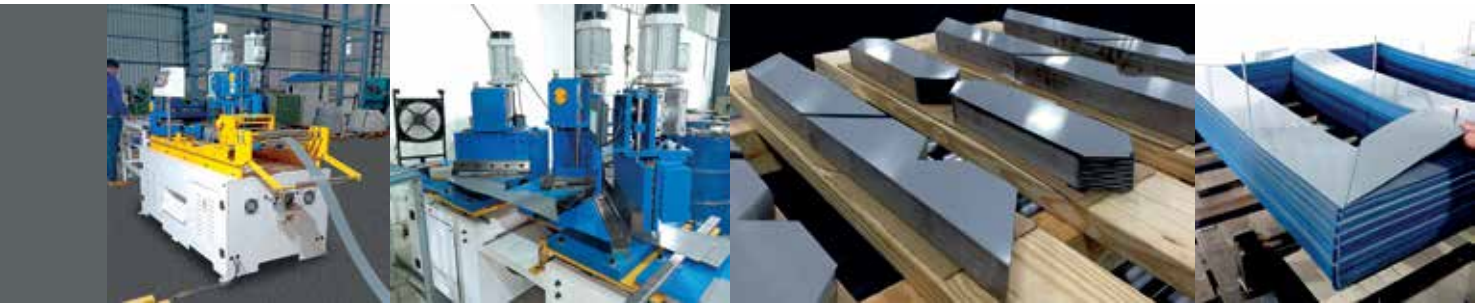
Sheet Metal Fabrication

Hydraulic Sheering / Bending Machines & 3KW Double Bed Laser Cutting Machine

Automatic CRGO Lamination Cutting Machine



HV/LV Winding

Epoxy Resin Cast Plant

Core Coil Assembly / Tanking

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Distribution Transformer - Oil Type

We are pioneers in manufacturing Oil-type Distribution Transformers up to 2,500 KVA with a voltage class up to 33 kV.

Frequency	50 Hz
Phase	Single & Three Phase
Vector Group	Dyn. 11 or as per Customer Needs
Winding Material	Copper / Aluminium
Cooling	ONAN
Tapping Range	As per the Customer Need
Class of Insulation	A
Losses & Accessories	As per IS:180 (latest amendment)

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Distribution Transformer - Dry Type

We are pioneers in manufacturing Dry type Transformers in the range of 100 KVA to 2500 KVA in VPI & CRT Type

Frequency	50 Hz
Phase	Single & Three Phase
Vector Group	Dyn. 11 or as per Customer Needs
Winding Material	Copper / Aluminium
Cooling	ANAN
Tapping Range	As per the Customer Need
Class of Insulation	F/H
Losses & Accessories	As per IS:11171 / ECBC norms

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Compact Sub-Stations (CSS)

One of our expertise lies in manufacturing CSS units for all medium voltage requirements from 11kV to 36 kV. Our CSS has A fully type-tested protective enclosure with a protective degree up to IP54 (suitable for outdoor installation); facilitated by our in-house sheet metal manufacturing set-up 2 mm thick GI steel sheet enclosure mounted on a hot- dip galvanized base channel.

Other Features :

- Customisable
- Compatible Design
- Easy to install
- Ready for Network
  (SF6 insulated RMU for MV networking)
- Independent Access for all compartments
- Rust-proof enclosure

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VCB Panels

We offer VCB Panels for 11kV/22kV/33kV.VCBs are type tested according to International Standards IEC-62271.

1. VCB for system voltage 11kV/22kV/33kV and a short time current rating of 26.3kA and current rating up to 3150A.
2. Installation - Indoor or Outdoor
3. Spring charging motor voltage 230V AC and 110V DC/220V DC.
4. Closing/Tripping coil voltage 24V DC/110V DC/220V DC.
5. VCB comes with inbuilt anti-pumping feature

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Total Solutions for Distribution Transformers, USS & HT Panels