

DISTRIBUTION TRANSFORMER FEATURES

3 Phase oil filled Distribution Transformer - upto 5 MVA, 33 KV

Specifications

Designed for trouble free performance
Design confirms to IS 2026, BS 171, IEC 60076 and other relevant standards
Low power loss and noise
Modern manufacturing techniques ensure cost effectiveness and reliability

Standards Fitting

Lifting Lugs
Skid Base / Roller Arrangement
Rating and Diagram plate
Primary Bushings
Secondary Bushings
Oil level Guage
De-hydrating Breather
Drain / Filter Valves
Thermometer pocket
Pressure Relief Device / Explosion vent
Cooling Radiators

Optional Fitting

Marshalling box to house OTI and WTI
Magnetic Oil Level Guage with Alarm contact
Oil Temperature Indicator with alarm and trip
Winding temperature Indicator with alarm and trip contact
Gas and Oil Operated Relay
RTCC Panel
Condenser Type Busing for voltage class of 33 kV
Off Circuit Tap Switch / Onload Tap changer
Earthing Lugs
NCT



3 Phase / 1 Phase, CRGO/Amorphous

Metal Alloys Core Distribution Transformer - upto 1000kVA, 33 KV Class

Specifications

Designed for trouble free performance
Design confirms to IS 2026, BS 171, IEC 76 and other relevant standards
Low power loss and noise
Modern manufacturing techniques ensure cost effectiveness and reliability

Standards Fitting

Pole Mounting Brackets/Tanks Base Channels
Lifting Lugs
Tank grounding Provision
Rating and Diagram Plate
Primary Bushings
Secondary Bushings

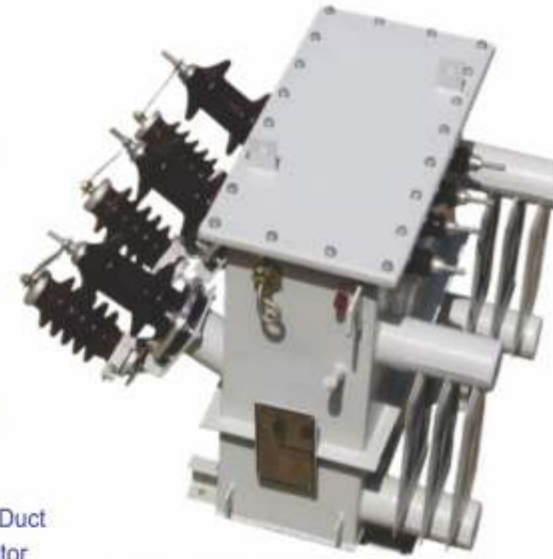
Optional Fitting

Lighting Arrester
Conservator
HV/LV cable box, Bus Duct
Oil Temperature Indicator
Gas and Oil Operated Relay (for ratings above 1000 KVA)
Pressure Relief Device / Explosion Vent
Terminal Connectors
Tap Changer
Arcing Horns
Cable Terminations
Earthing Lugs
Pole/Pad mounted

Also Available with CSP

(Completely Self Protected) Features

Standard CSP Fittings : Oil Immersed circuit breaker / MCCB
External Reset Handle
Overload light indicator
HT Fuse Links
Lightning arrestors



TRINITY
Transforming the future...

Valued Clientele



“Amorphous & CRGO Core Transformers”
BEE COMPLIANT GREEN TRANSFORMERS
(WHILE YOU SAVE COSTS, REMEMBER YOU ARE ALSO CONTRIBUTING TO THE GREEN CAUSE)

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TRINITY TRANSFORMERS PRIVATE LIMITED

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Factory :

Plot No. L19 – L28, APIIC Green Industrial Park, Jadcherla, Mahaboobnagar (District)
Telangana, INDIA.

About us

Trinity Transformers Private Limited takes pride in being one of the largest, leading power & Distribution Transformer manufacturer in India. TRINITY has carved a niche of it's own by being one of the youngest organizations to have embraced the Amorphous metal Distribution Transformer (AMDT) manufacturing technology. TRINITY believes in deploying the latest state-of-the-art Technology, Processes and Equipments to give the best of products to the customers. TTPL is complying with ISO 9001:2008 QMS ensuring highest level of compliance to quality.



Technology

TRINITY has "Technology Arrangement" with world major "Hitachi Metglas Inc, USA" for manufacturing Amorphous Metal Distribution Transformers (AMDT's) at it's state of the art manufacturing facility located in Jadcherla, Mahaboobnagar District, Telangana, India.

Manufacturing Capacity

2268 MVA PA. (*Indicative - can be scaled-up)

RATING (kVA)	Standalone Capacity in Nos. per yr	RATING (kVA)	Standalone Capacity in Nos. per yr
16 KVA	99000	500 KVA	3900
25 KVA	63000	750 KVA	2400
63 KVA	30000	1000 KVA	1800
100 KVA	18900	1250 KVA	1500
160 KVA	11700	1800 KVA	1050
200 KVA	9600	2000 KVA	800
250 KVA	9000	3150 KVA	570
315 KVA	6000	5000 KVA	360



Designs

TRINITY has a full-fledged design team & uses fully automated design software providing the most optimum design

Manufacturing Capabilities

TTPL's manufacturing unit facility is located in the state of Telangana at Jadcherla Green Industrial Area. Approximately 60 Kms from the Rajiv Gandhi International Airport, Shamshabad, Hyderabad. Spread over an area of more than 20 acres, the unit has complete line of operations such as Amorphous Core Processing, Core Forming, Core Assembly, Coil Winding, Core Coil Assembly, Ovening, Tanking, Testing and Dispatch.

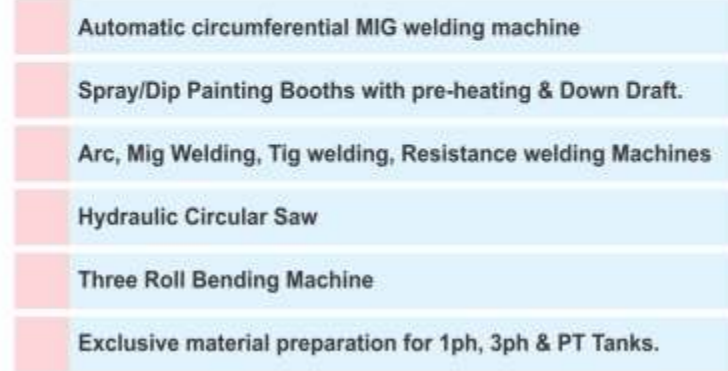
Total Area of Trinity Works	Area covered in Sq. Yd.
Total Factory Occupied Area	92106
Total Built up Area	17320
Total Stock Yard Area	6636
Area For further Expansion	68150



Manufacturing Facilities

Vertical Integration to improve Quality and cost control

State-of-the-Art Automatic Tank Fabrication Plant



State of the Art, Hi-Tech Manufacturing Facility of AMDT



FUTURE BUSINESS PLANS

The organisation intends to develop a perfect business model in line with the concept of energy efficiency. Trinity Transformers Private Limited intends to become a one stop shop for Power, Distribution Equipments and **Special purpose Transformers.**

