

## Double Stacking Single Phase Pad Mounted Transformers Saves You Time, Space, Money and Reduces Emissions



Double Stacking refers to Single-Phase Pad Mount (typically 10 kVA – 75 kVA) distribution transformers two-high.

We utilize a bracket that we secure to the lifting bolts on the bottom transformer and then simply set the other transformer on top of the bracket. This packaging reduces the shipping costs and the time required for the customer to off-load the product.

Loading and unloading these transformers takes half the time as regular loading since you are loading two at a time. It saves room in the storage yard of a utility since two units can be stored in the same footprint as one unit. Of course it reduces emissions and the use of diesel fuel in transporting the product.

## Central Moloney's Commitment to Excellence and Quality

**ISO 9001:**2008 certification is another example of Central Moloney's leadership. It assures that every aspect of our manufacturing operations meets international standards and that we deliver quality distribution transformers.

For over a half century, the Central Moloney name has represented reliability in the manufacture, delivery and service of quality distribution transformers and components. Our highly trained staff of inside and field sales representatives are ready to assist you.

### **CENTRAL MOLONEY CUSTOMER SERVICE**

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## We're Going Green with the New Double Wing Pad Mount Transformer



An ISO 9001 Certified Company

## Transforming the Way to a Sustainable Future

Central Moloney, Inc. has long been known as a pioneer in pad mount transformers and components. We continue to challenge our engineers to find innovative solutions for the electric utility industry.



We are pleased to introduce a new design called the **Double Wing Pad Mount Transformer** to complement and enhance our product scope. Our new Double Wing Pad Mount offers utilities a pad mount design that reduces the carbon footprint of a transformer. It is offered with either mineral oil or FR-3 alternative fluid that further promotes the green initiative.



The best way to describe this new design is that the pad mount tank geometry changes to a pad with pockets on the side, or is simply increasing the radius of the bends. It decreases the volume of oil without sacrificing cooling surface.

## What Does This Mean for You

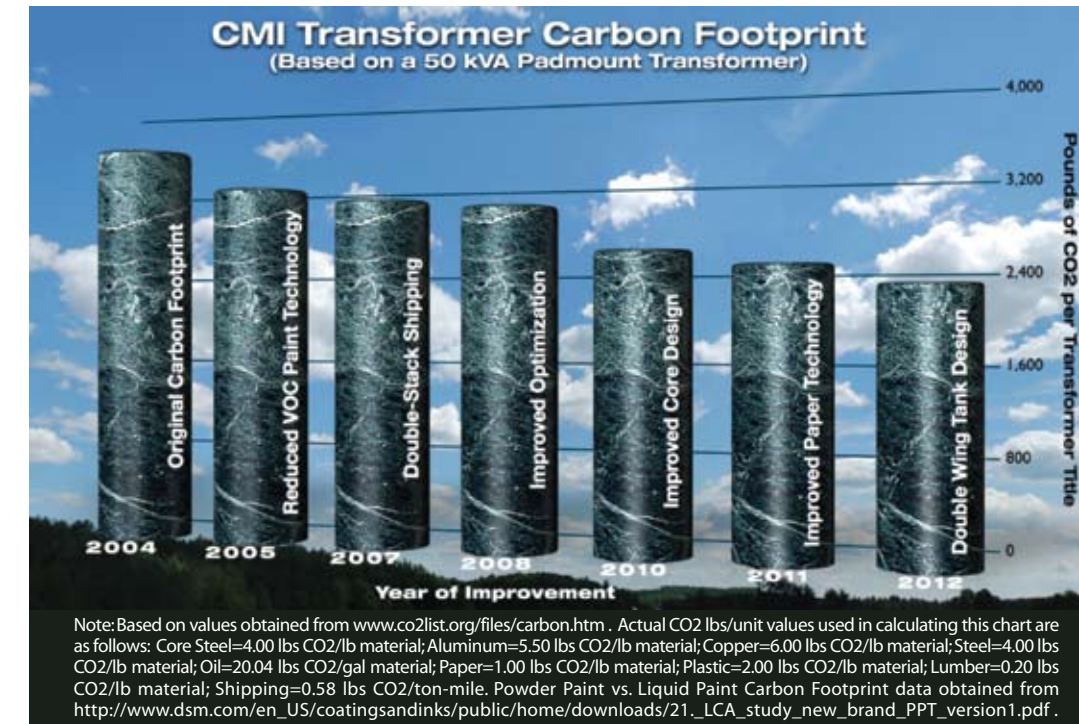
- The design is less voluminous, therefore requiring less oil for other cooling fluids.
- The design reduces the area of steel material without reducing cooling surface.
- The design is more rigid and more structurally sound.
- The compact design is lighter.
- Capability of double-stacking.
- Shipping fuel and costs are reduced because the design is lighter and more compact. The shipping load weight is decreased. Also, more units can be loaded in a denser arrangement increasing the units per shipping load, therefore reducing the number of shipments required.
- The design requires less welding which increases structural and paint integrity.
- Meets IEEE/ANSI test requirements with no change in cooling performance.



## Scope of Manufacture

Central Moloney's Single-Phase Double Wing Pad Mount Transformers are designed and manufactured to meet or exceed all applicable IEEE/ANSI, NEMA and RUS standards. We offer a complete line of Single-Phase Double Wing Pad Mount Transformers for the following requirements:

<b>kVA Ratings (65°C):</b>	15 through 500
<b>High Voltage Ratings:</b>	34,500 GRDY/19,920 volts & below (multiple voltages are available)
<b>Low Voltage Ratings:</b>	600 volts and below
<b>High Voltage Bushings:</b>	Universal Bushing Wells (with or without inserts) Integral Bushings
<b>Low Voltage Bushings:</b>	Central Moloney Components Tuf-Ex Mount (Optional stud lengths available)
<b>High Voltage Taps:</b>	Standard tap arrangements are available with external operating handle
<b>Bushing Arrangements:</b>	ANSI Type I or Type II
<b>Fusing:</b>	Internal Weak Link Bayonet Current Limiting Fuse



## Central Moloney Testing

Our pad mount transformers undergo a rigorous testing by IEEE/ANSI Standards. These tests include: **Impulse • Hipot • No-Load Loss (Core Loss) • Load Loss (Copper Loss) • Impedance • Polarity • Induce • Ratio • Other tests required by customer or specification**

With the geometric shape of the Double Wing Pad Mount the heat rise test indicates this design runs cooler than the IEEE thermal requirements.

## Central Moloney is Taking the Lead on Environmental Sustainability

We pursue sustainability because it so strongly fits with our corporate core values. Central Moloney, Inc. wants our company to be a positive force in the community, a well respected citizen and by example lead the way on reducing our environmental footprint.



Central Moloney, Inc. has organized a task force to evaluate and improve current processes and to examine new opportunities for elimination of non-value adding activities and environmental wastes.

The Double Wing Pad Mount is one green initiative that meets this goal by replacing traditional pad design with a bold new design and construction incorporated into this GREEN product.