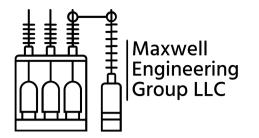


# MAXWELL ENGINEERING GROUP LLC

POWERING INNOVATION. ENGINEERING THE FUTURE



## **WHO WE ARE**

- At Maxwell Engineering Group LLC, we specialize in delivering cutting-edge engineering, design, and manufacturing solutions.
- Our mission is to combine engineering excellence with business acumen to drive profitability and growth.
  - Manufacturing Solutions
- 2 Engineering Design & Drafting
- Finite Element Analysis (FEA)
- 4 Computational Fluid Dynamics (CFD)

#### READY TO TAKE YOUR PROJECT TO THE NEXT LEVEL?

CONTACT US TODAY FOR A FREE CONSULTATION!

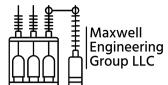
## **GET IN TOUCH**

Email: sales@maxwellengineeringgroup.com Website:maxwellengineeringgroup.com

Offices: Mannasas, VA Chihuahua, MX



At Maxwell Engineering Group, our mission is to provide innovative engineering solutions that combine precision, reliability, and efficiency to meet the demands of a rapidly evolving industry.



## Engineering Group LLC Manufacturing

## **Machining**

•Our partner Miknic and we specialize in the manufacturing of mechanical components, particularly for rapid prototyping, utilizing the following processes





## **CNC** machining

Milling/Turning/Drilling & Tapping/Grinding

#### **Sheet metal**

laser cutting/ bending/ welding/ riveting/ deburring/ CNC gantry machining-6 meters/ embossment/ polishing etc

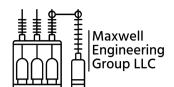
#### MIM and plastic injection

Custom Injection Molding: Tailored solutions for complex and detailed plastic parts.

## **Description**

•Miknic is a trading company who provides one-stop service of mechanical products. And the company is located in Suzhou.



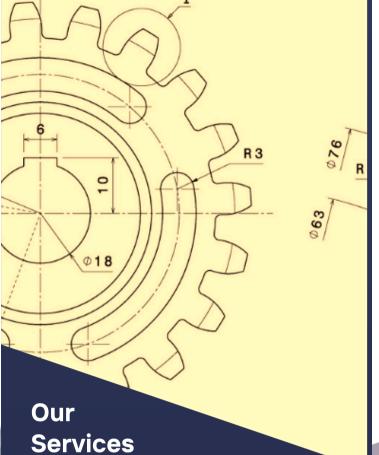


Engineering Design & Drafting

#### **Engineering Solutions**

At Maxwell Engineering Group LLC, we specialize in delivering high-quality design and drafting services tailored to the needs of the power transformer, structural, and manufacturing sectors. Our expertise in combining advanced CAD tools



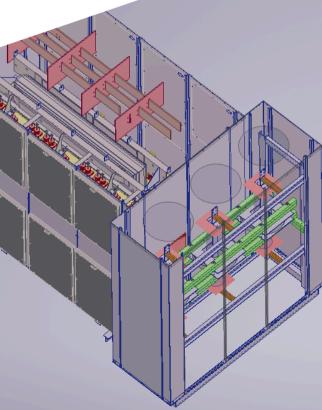


- Cabinets, Enclosures, NEMA rated
- Electrical Transformers: Designing tanks, cooling systems, and internal layouts.
- Buildings and Structures: Foundations.
- Specialized Equipment: Mining machinery, switchgear, and custom industrial solutions.

#### Software

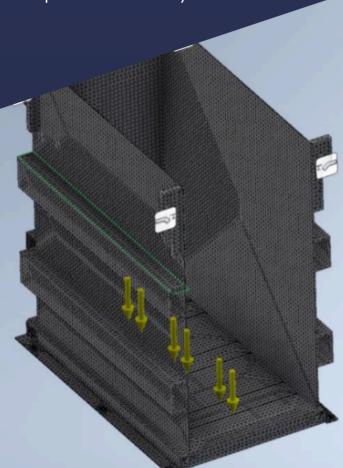
Solid Edge, developed by Siemens, is a cutting-edge 3D CAD, simulation, and product lifecycle management (PLM) solution tailored for modern engineering needs.





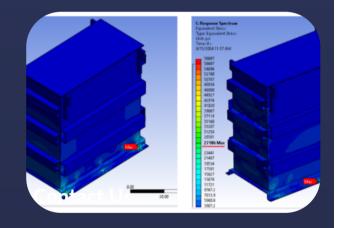
#### **About**

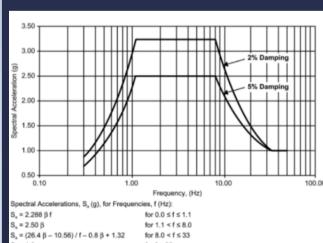
At Maxwell Engineering Group, we provide advanced Finite Element Analysis (FEA) services using Siemens Nastran, a trusted solution for structural and thermal simulations. Siemens Nastran offers high-precision analysis to evaluate and optimize the performance, safety, and reliability of complex mechanical systems.

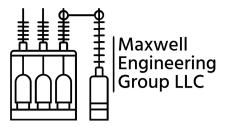


#### **Core services**

- Nonlinear Structural Analysis
- Thermal Analysis
- Dynamic Analysis
- Fatigue and Durability







#### **Software**

Siemens & Autodesk Nastran offers high-precision analysis to evaluate and optimize the performance, safety, and reliability of complex mechanical systems.



