

NOVOMECH ENGINEERS PVT. LTD.

serving manufacturers since 1989

novomechengineers@gmail.com



Company Profile

Metal Fabrication, Powder Coating, Pre-Coating Treatment, 8-Tank Phosphating, Constant Voltage Transformer, EI & Toroidal Transformer, Heatsink, Cable Terminals

2024-25



— ABOUT US

Recently incorporated as Novomech Engineers Pvt. Ltd., the parent company, Novotron, was founded in 1989 by DK Mittal.

With over 30 years of service, we are experts of Metal Fabrication, Powder Coating, Pre-coating Treatment (8-Tank Phosphating), Constant Voltage Transformers (CVT), EI & Toroidal Transformers (for inverters, UPS, microwave and other products), Servo Voltage Stabilizers and Heatsinks. Our 40,000 sq. ft. state-of-the-art facility consists of 8-tank Phosphating station, 35+ power press machines, 6 powder coating booths, 6 spot welding machines, 3 compressors, 4 shearing cutters and other machines. We also have dedicated transformer, Servo Voltage Stabilizers and Heatsink manufacturing divisions. The facility follows lean manufacturing principles and a rigorous quality maintenance process.

We continuously strive to exceed all quality expectations of our select industry partners and are here to serve manufacturers around the globe.

EXPERIENCE EXCELLENCE WITH NOVOMECH.



PRODUCTS & SERVICES (1/2)

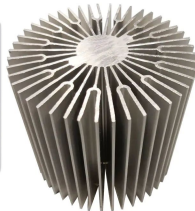
- **SHEET METAL FABRICATION:** We provide custom sheet metal fabrication services. We have capacity of producing over 1,50,000 cabinets per month for voltage stabilizer, inverters, CVT, UPS, Computer CPU, Servos, Switchgear, and other customized metal boxes
- **8 TANK PHOSPHATING & POWDER COATING:** Our powder coating process includes a rigorous 8-tank phosphating process (including activation process) followed by cleaning, pre-heating and curing. Each cabinet is tested for quality and signed off by our QA technician
- **CONSTANT VOLTAGE TRANSFORMER (CVT):** For more than 30 years, we have been supplying CVTs (50 VA to 6 KVA) to leading OEMs in India. Our CVTs are installed on applications that require ultra-precise voltage such as medical devices, petrol pumps, industrial machines, railway equipment etc.
- **TRANSFORMERS – EI & TOROIDAL:** We are a leading supplier of EI and toroidal transformers. We have been manufacturing transformers for leading OEMs for more than 30 years. We manufacture all kinds of transformers. Some examples of transformers – Voltage Stabilizer, Inverter, Online UPS, Offline UPS





PRODUCTS & SERVICES (2/2)

- **SERVO VOLTAGE STABILIZER:** We provide servo voltage stabilizers to OEMs in India and around the globe with capacity of upto 1500 KW
- **VOLTAGE STABILIZER:** We manufacture voltage stabilizers for leading OEMs for applications such as air conditioners, refrigerators, TV, and mainline applications
- **HEATSINKS:** We provide the best quality heatsink products for inverter, air conditioning and other industries
- **CABLE TERMINALS:** We manufacture standard and specialized cable terminals used in multiple industrial sectors
- **OTHER SERVICES:** We provide Injection Moulding and Electroplating services through our channel of business partners



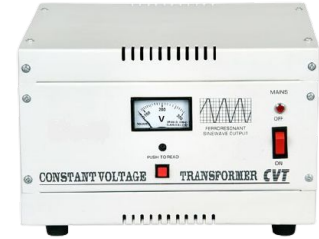


— CONSTANT VOLTAGE TRANSFORMER

- High Reliability – no moving parts or semiconductors are used
- Sine Wave Output – regardless of input wave shape
- Instantaneous Voltage Regulation - no wait time
- Output Highly Isolated From Main Supply – suppresses transients and spikes
- Overload Protection – short term overload capacity
- Intrinsic Current Limitation & Short-Circuit Protection

FEATURES

Input Voltage	180 V - 260 V
Output Voltage	220 V-230V +/-1%
Line Frequency	50Hz +/- 1%.
Efficiency	90 % on full load
Output Wave Form	Sinusoidal
Harmonic Distortion	5% Under full load
Ambient Temperature	-20° C to 50° C
Transformer Type	Ferro Resonant



50 VA to 2.5 KVA



3 KVA to 6 KVA



METAL FABRICATION

- Industries Served: Electrical Devices, Solar Panel, Construction, Custom Fabrication
- CAD Optimized Mechanical Designs
- High Accuracy and Consistency
- High Quality Welding and Spot Welding
- Pre-coating Treatment solutions
- Options of Powder Coating, electroplating and other coating solutions
- Different Working Materials - Mild Steel, Aluminum, Zinc Coated Steel





8 TANK PHOSPHATING / SURFACE TREATMENT

- Industries Served: Electrical Devices & Panels, Medical Devices, Automobiles, Custom Fabrication
- 5 Years Rust Proof Surface
- Improved Quality of Powder Coating
- Improved Surface Finish



DEGREASING WATER RINSE - 1 DERUSTING WATER RINSE - 2 ACTIVATION PHOSPHATING WATER RINSE - 3 PASSIVATION





POWDER COATING

- Industries Served: Electrical & Medical Devices, Automobiles, Construction, Transportation, Furniture and other industries
- Pre-Heating Treatment
- Pre-coating Treatment solutions for different Working materials: 8-Tank Phosphating, Chemical Processing of Zinc Coated Steel, Derusting, Degreasing and other processes

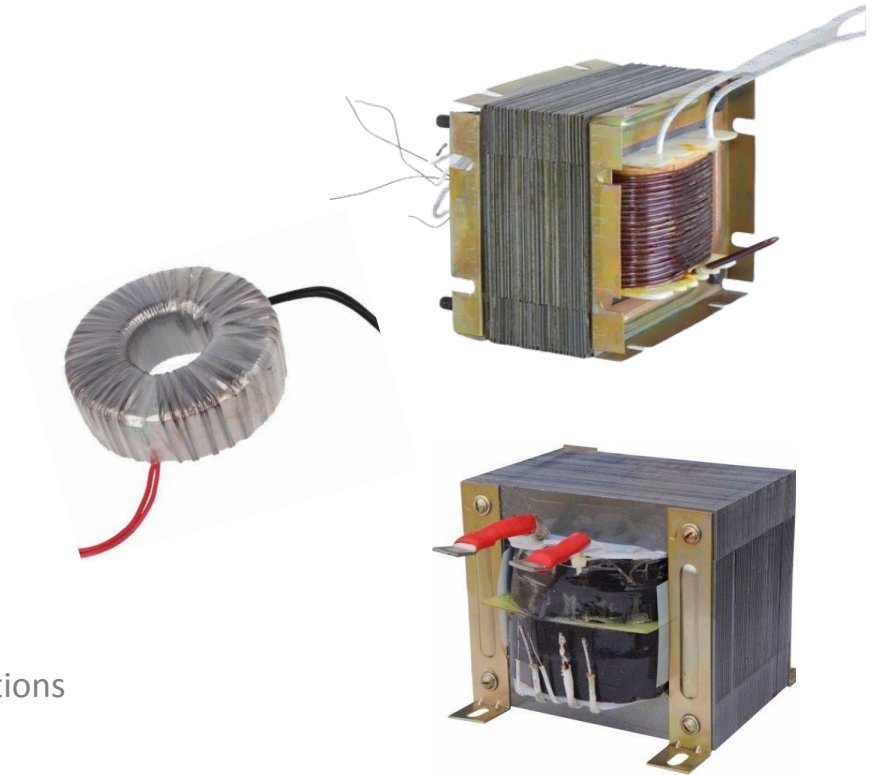




— TRANSFORMER – EI & TOROIDAL

- Variable Input Range
- Customized Output Range
- High Efficiency
- Step Up and Step Down transformers
- Output Wave Form
- Vacuum Integrated/ Air Gap
- Aluminium & Copper
- 1/2/3 Phases
- Variable Power – 300 VA to 20 KVA
- Frequency 50-60 Hz
- Wire/ Strip

For solar inverter, UPS, stabilizer and other applications





VOLTAGE STABILIZERS

- Thermal overload protection & smart output voltage correction
- Under and over voltage surge protection
- Advanced IC based design
- Wall mountable, table top and other designs available
- Available with digital, analog and no display
- Available in wide input and output ranges based on location and application
- Low & High Voltage Cut-off Protection
- Available for mainline, air conditioners, refrigerators, television and other applications



FEATURES



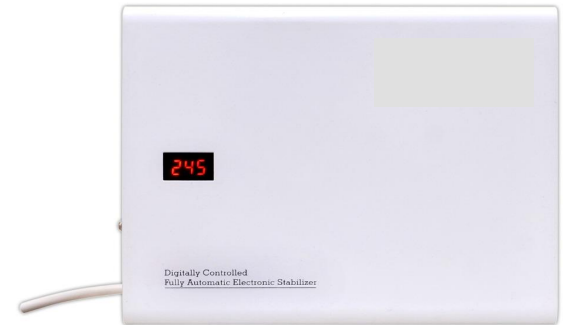
Performs in wide
input range



Low & High Voltage
Cut-off Protection



Overload
protection (MCB)





— HEAT SINKS

- Industries served: Inverter manufacturing, Electrical Panels, Customized Design Applications
- CAD optimized Designs
- Made on Highly Accurate Aluminium Cutting Machines





MANUFACTURING PLANT

- 40,000 Square Feet manufacturing plant in Ghaziabad, Uttar Pradesh, India
- Approximately 80-140 employees (including seasonal workers and contractors)
- 36 Power Presses, 5 Hand Presses
- 5 Furnace Ovens
- 6 Spot welding machines
- 4 Shearing Cutters
- 6 Powder coating guns)
- 3 Compressors, 2 Drill Machines
- 3 Generators
- 6 Coil Winding Machines
- Transformer Testing Facility
- 250 KW distribution transformer
- 250 KW Voltage Stabilizer Servo
- Testing Station for Phosphating and Powder Coating Thickness

Coati





— FACILITY VIDEO




Novomech Engineers Private Limited Plant Tour



Copy link



Watch on  YouTube





— TECHNICAL EXPERTISE



At Novomech Engineers Pvt. Ltd., there are 4 Quality Assurance employees that oversee production at all stages – from sheet cutting to fabrication, phosphating, powder coating, transformer testing, stabilizer production, servo production, Heat Sink production, packaging and dispatching. Our technical lead Mr. Premshankar has been a part of the sheet metal fabrication industry for more than 25 years. Our transformer division technical lead Mrs Anjali has been a part of the transformer industry for more than 30 years.

Mr. Shiv Mittal, Director & CEO of Novomech Engineers Pvt. Ltd., is a mechanical engineer from University of British Columbia, Vancouver, Canada. He oversees that all necessary steps are taken in the right order to ensure optimum quality at par with global standards.

Founder and Technical Director, Mr. DK Mittal has over 45 years of experience in sheet metal fabrication and electronics industry. He solves any remaining problem that is not resolved by technical leads and Mr. Shiv Mittal.

The team structure produces a seamless technical guidance process that ensures technical superiority in sheet metal fabrication, phosphating, powder coating & transformer manufacturing processes



— MISSION

“To re-define the industry standards with superior quality and competitive pricing”

At Novomech Engineers Pvt. Ltd., we aim to provide the best quality products at the most reasonable prices to meet the needs of our customers.

Over the past three decades, we have established a strong network and gained the trust of multiple market leaders. We are now looking for opportunities to expand and provide our world-class services to a wider audience.

Through this expansion, we not only hope to expand our business but also create jobs in the global economy, especially among the poorer sections. Novomech Engineers Pvt. Ltd. fosters an environment of open communication, utmost reliability and complete dedication. It is ensured that each employee associates with our mission statement and makes a valuable contribution to our supply process.

As a team, we truly believe in the quality of our products and services and our willingness to accommodate each and every manufacturing need of our customers.



CONTACT

NOVOMECH ENGINEERS PVT. LTD.

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CONTACT INFORMATION:

Shiv Mittal

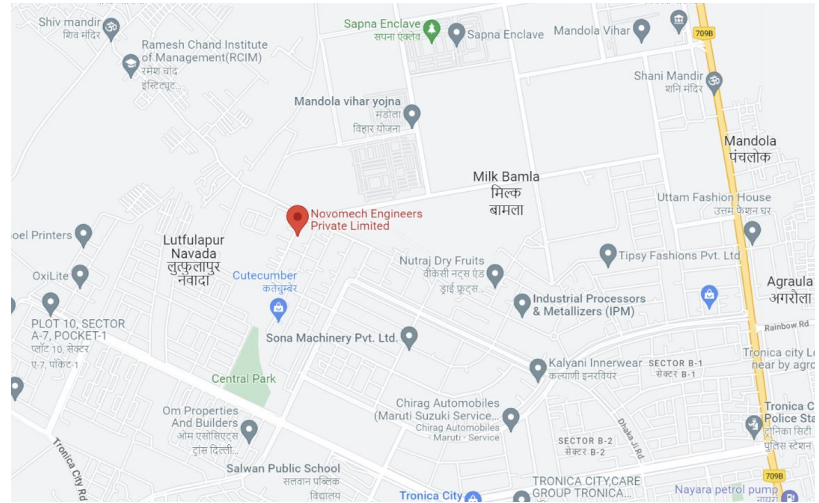
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