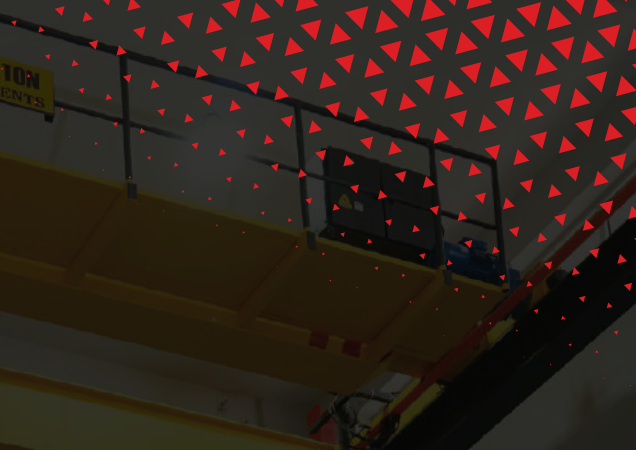


Electrical Management System





OUR MISSION

At Mecatech Industries, our mission is to foster innovation and teamwork to deliver reliable, high-performance HVAC and Energy Management Solutions. We are committed to empowering industries with quality products, continuous improvement, and a collaborative approach that values every idea and contribution.

OUR VISION

Our vision at Mecatech Industries is to shape a sustainable and innovative future in HVAC and Energy Management. We aspire to be a global leader, redefining excellence through cutting-edge solutions that empower industries, enhance performance, and drive meaningful progress for generations to come.

OUR VALUES

At Mecatech Industries, we value honesty, professionalism, and efficiency in all we do. Innovation drives us to meet evolving industry needs, while our commitment to development fosters team growth and collaboration. Guided by responsibility, we deliver reliable HVAC and Energy Management Solutions, serving clients with excellence and integrity.



COMPANY INTRODUCTION

Mecatech Industries is a leading manufacturer specializing in HVAC and Energy Management Solutions in Pakistan. Through our brands, Mecapower and Mecair, we deliver reliable solutions like diesel generators, electrical panels, and advanced HVAC systems. Guided by innovation, professionalism, and teamwork, we are committed to efficiency and client satisfaction.

OUR PRODUCTS

- 01 LT Incoming and Outgoing Panels
- 02 Power Factor Improvement Plants
- 03 Distribution Boards for Lighting & Power
- 04 Apparatus Control Panel
- 05 Electric Meter Panels
- 06 Cable Trays
- 07 ATS and AMF Panels
- 08 Motor Control Centers
- 09 Generator Start-up, Load Sharing, and Synchronizing Panels

LT INCOMING AND OUTGOING PANELS

Main power from the source is managed by L.T Panel through incoming ACB & distributed by common bus to various branch circuit breakers, which carry out the function of distribution, switching, protection, monitoring & control of electrical parameters.



POWER FACTOR IMPROVEMENT PLANTS

These systems improve the efficiency of electrical power usage by reducing losses and maintaining a stable power factor.



POWER FACT
IMPROVEMENT

DISTRIBUTION BOARDS (LIGHTING & POWER)

Distribution boards, including Lighting Distribution Boards (LDB) and Power Distribution Boards (PDB), are essential components for managing electrical systems. LDBs distribute power to lighting circuits, ensuring efficient and safe operation, while PDBs handle larger loads for power equipment and systems.



DISTRIBUTION
(LIGHTING & PO

APPARATUS CONTROL PANELS

Apparatus Control Panels (ACP) are reliable systems for monitoring and controlling machinery in industrial and commercial settings, ensuring precision, safety, and efficiency. Perfect for managing HVAC systems, manufacturing processes, and other specialized equipment.



APPARATUS
CONTROL PANELS

ELECTRIC METER PANELS

Electric meter panel boxes house and protect meters used to measure electricity consumption. They ensure secure installation, easy access, and compliance with safety standards for residential, commercial, and industrial setups.

ELECTRIC PANELS



CABLE TRAYS

Cable trays are support systems used to organize and secure electrical cables in buildings and industrial setups. We manufacture cable trays fabricated from premium quality MS, SS & GI sheet in various sizes with powder coated options with complete fitting and accessories to meet installation requirements.



CABLE TRAYS

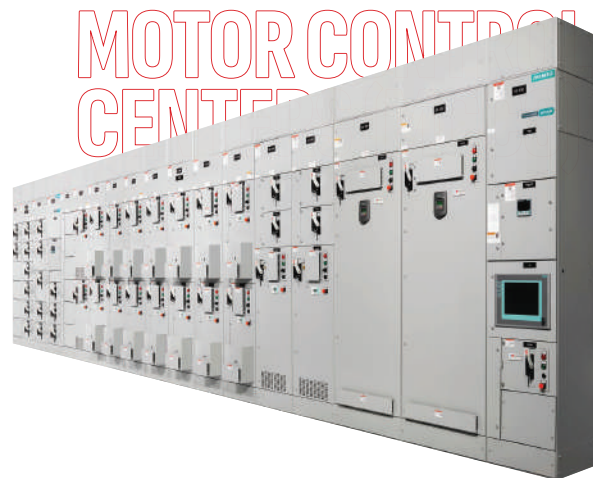
ATS AND AMF PANELS

Automatic Transfer Switch (ATS) and Automatic Mains Failure (AMF) panels ensure a smooth switch between main and backup power sources, such as generators, during power failure.



MOTOR CONTROL CENTERS (MCCS)

Motor Control Centers (MCC) panels are used to control and protect electric motors in industrial and commercial applications. These panels house various motor starters, drives, and protection devices, ensuring safe, efficient motor operation and easy maintenance.



SYNCHRONIZING PANELS

These panels synchronise multiple generators or other power sources to ensure they work together without conflicts.



“

At Mecatech Industries, we partner with trusted global brands to ensure top-quality products. This commitment guarantees reliable and high-performance solutions for our clients.

Autonics

ABB

**HYUNDAI
ELECTRIC**

CHINT
CHINT ELECTRIC

findex

TERASAKI

**Schneider
Electric**

Onka®



At Mecatech Industries, teamwork is at the core of everything we do, and we value the contributions of every individual. Our dedication to collaboration and innovation drives our success in delivering top-tier HVAC and Electrical Management Solutions, through our trusted brands, MECAPOWER and MECAIR.

FACTORY

☎ 042-35324741-43 ✉ info@mtindustries.com.pk

📍 8.5-KMS, Raiwind Road, Lahore 📷 [mecatechindustries](https://www.instagram.com/mecatechindustries)

www.mtindustries.com.pk