





technical built factory
THE LIKABLE EXPERTS

Technical Built Factory

The Likable Experts

FUTURE PANEL

Our team excels through challenges with a focus on integrity and customer satisfaction. By investing in technology and talent, we've achieved robust growth, delivering quality HVAC, ducting, electrical, and automation solutions. Our commitment: timely service and customer-centric approaches. Trust us for your business needs.

Thank you for your time.

YASAR BASNAN

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About Us:

Technical Built Factory specializes in HVAC ductwork since 2005. Our innovations include "FUTURE DUCT" for efficient ventilation. Expanding with "FUTURE METALS" in 2010 and "FUTURE PANELS" in 2015, we excel in energy solutions. "FUTURE AUTOMATION" launched in 2022 enhances our global presence, providing advanced technology solutions.

FUTURE PANEL

Technical Built Factory

FUTURE PANEL

An enterprise of an engineering marvel

Vision

To lead in pioneering advanced solutions across air ducts, ventilation systems, electrical distribution, and industrial automation, fostering industry-wide advancement through cutting-edge technologies.

Mission

Our mission is to cultivate enduring customer relationships by delivering technological and value innovation, ensuring customer satisfaction and industry leadership.

Technical **B**uilt **F**actory

Future Panels



We have a complete in-house facility for the manufacturing of all types of electrical power and control panels. Our integrated capabilities include:

Assembly & Wiring Unit
Expert assembly and meticulous wiring for optimal functionality.

Powder Coating Paint Shop
High-quality powder coating for durability and aesthetic appeal.

Trained Maintenance Teams
Support ongoing operations and ensure long-term reliability.

Quality Control
Comprehensive quality assurance processes to maintain high standards.

Testing Unit
Rigorous testing procedures to ensure reliability and performance.

Fabrication Unit
Precise fabrication of panels to exact specifications.

Survey & Analysis Department
Provides detailed assessments to tailor solutions to client requirements.

Research, Designing & Development Department
Dedicated to continuous innovation and improvement.

FUTURE PANEL

Technical Built Factory specializes in manufacturing high-quality panels tailored for industrial and commercial needs:

LT Panels for Mains and Distributions



- Efficiently manage and distribute electrical power in low-tension systems.
- Customizable to specific voltage and load requirements for reliable performance



Smart APFC Panel & APFC Panel with Reactors

Smart APFC Panel
(Automatic Power Factor Correction Panel)

Automates power factor correction to optimize energy efficiency and reduce costs.

IAPFC Panel with Reactors

Enhances stability and efficiency in power factor correction with integrated reactors.

MCC Panel and IMCC Panel

MCC Panel
(Motor Control Center)

Centralized control for electric motors, ensuring efficient operation and protection.

IMCC Panel
(Intelligent Motor Control Center)

Advanced features for enhanced motor control and monitoring capabilities.



PLC and SCADA Panel



PLC Panel
(Programmable Logic Controller)

Automates industrial processes with precision and reliability.

SCADA Panel
(Supervisory Control and Data Acquisition)

Real-time monitoring and management of industrial operations for enhanced efficiency. It seems like the text you've provided may have some errors or was possibly distorted. However, I'll try to provide a summary based on the products mentioned



RTCC Panel (Remote Tap Changing Control Panel)

Manually or programmatically regulates and controls voltage levels in transformers using relays.

Ensures desired voltage levels are maintained through control of transformer taps.



Control and Relay (C&R) Panel

Designed to control and protect equipment such as transformers, generators, capacitors, busbars, motors, and circuit breakers.

Equipped with protection relays, MCB switches, terminal blocks, and other auxiliary equipment.

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Control Desk and MIMIC Panel

Control desks provide operational control and safety monitoring for machines and equipment.

MIMIC panels display the status and location of electrical systems, aiding in monitoring and control from a centralized location.





A.C Drive Panel

(Variable Frequency Drive Panel)

Offers solutions for motor control using Variable Frequency Drives (VFDs).

Enables precise control over motor speed and energy efficiency improvements.



Power Control Center (PCC) Panels

Efficiently distribute power within plants, buildings, industries, and townships from a centralized location.

Capable of controlling various industrial operations with guaranteed performance, tailored to client-specific requirements.

Distribution Feeder Pillars

Essential components in electrical power distribution systems, supplying power and protection to outgoing feeders.

Meticulously engineered in configurations from 4-way to 48-way, accommodating 1P to 3P with diverse ampere ratings, customizable for industrial, township, and lighting applications.



AMF cum Synchronizing Panel

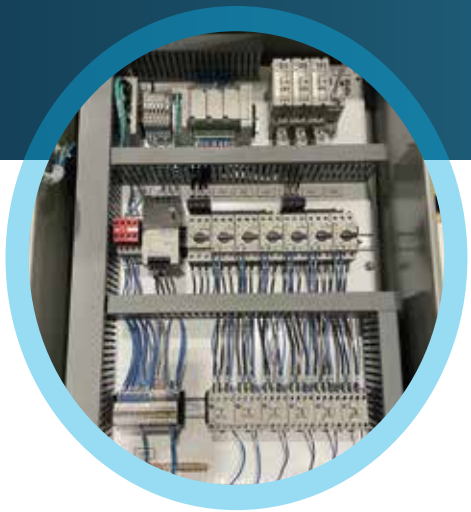
AMF Panel

Automatically switches power supply from mains to standby generator during outages, ensuring continuous operation.

Synchronizing Panel

Enables manual or automatic synchronization of one or more generators with mains power, optimizing energy use and ensuring reliable backup.





PLC Panel

Utilizes logic programming to control devices based on input conditions, often integrated with AC drives for efficient motor operations.

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Technical Built Factory

Services Offered

Installation of Low Voltage Power & Control Panels

Expertise in laying out and terminating panels for efficient electrical distribution

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Cable Trays and Raceway Installation

Ensuring organized and safe routing of cables for reliable power distribution.

Equipment Earthing and Lightning Arrestors

Implementing measures to safeguard equipment from electrical surges.

Supply, Installation, Testing, & Commissioning of Panels

Complete service lifecycle from procurement to operational readiness.

PPM and Scheduled Maintenance

Regular preventive maintenance to ensure equipment reliability and longevity.

Design Services

Including fault level calculations, harmonics studies, and thermoscanning for optimized electrical systems.

FUTURE PANEL

Our Projects

FUTURE PANEL

Healthcare Facilities

King Khalid Hospital - Al Kharj (Ongoing)

King Fahad Medical City

King Fahad Medical City - Neuroscience Building

Commercial and Residential Complexes

Rafal Living Center

Rafal Residency Tower

LG Tower-Riyadh (Completed)

Rock Spring Trading HQ Office (Completed)

Corporate Offices

Saudi Electricity Company HQ - Riyadh

Qiddiya Investment Company Site Office - Riyadh (Completed)

MBC Channel Riyadh (Ongoing)

Miscellaneous

Al Sarif Headquarters Building

Jwora Al Qimma Exit 17 Riyadh

Al Bhassim Exit 8 Riyadh

Center Point Madinah (Ongoing)

Here's a timeline outlining the history and major milestones of Technical Built Factory

- ***2005:*** *Founded by a group of passionate experts focused on revolutionizing HVAC ductwork technology.*
- ***2005-2009:*** *Initial years dedicated to research and development, culminating in the launch of "FUTURE DUCT," a pioneering product enhancing ventilation efficiency.*
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- ***2010:****First expansion marked by the introduction of "FUTURE METALS," specializing in advanced Zinc alum products.*
- ***2015:****Second expansion with the launch of "FUTURE PANELS," further diversifying capabilities in panel manufacturing.*
- ***2022:*** *Global expansion initiative realized with the establishment of "FUTURE AUTOMATION," aimed at advancing automation solutions worldwide.*
- ***Present:*** *Continues to innovate and provide comprehensive solutions in HVAC ductwork, metal products, panels, and automation technologies, emphasizing simplicity and efficiency in all endeavors.*



Why Choose

Technical Built Factory

FUTURE PANEL



At Technical Built Factory, we stand out as a leader in the manufacturing and innovation of HVAC ductwork, metal products, panels, and automation technologies. Here's why clients choose us:

Innovative Solutions

Pioneering products like "FUTURE DUCT" demonstrate our commitment to advancing HVAC technology, making ventilation cleaner and more efficient.

Diverse Expertise

From HVAC ductwork to specialized metal products (Zinc alum with "FUTURE METALS") and advanced panels ("FUTURE PANELS"), we offer comprehensive solutions tailored to diverse industry needs.

Global Vision

Our expansion into "FUTURE AUTOMATION" reflects our ambition to contribute globally, providing cutting-edge automation solutions that enhance operational efficiency.

Client-Centric Approach

We prioritize understanding and meeting client requirements, offering tailored solutions with the right materials and advanced technologies.

Simplicity and Efficiency

Our motto, "The greatest ideas are the simplest," drives us to deliver straightforward, effective solutions that exceed expectations.

Choose Technical Built Factory for reliability, innovation, and a commitment to excellence in every project we undertake.

certificates

CR | National ID | VAT | ISO



Thank you!

FUTURE PANEL

Thank you for your interest in the Technical Built Factory. Whether you have inquiries about our HVAC ductwork, metal products, panels, or automation solutions, our team is ready to assist you. Here's how you can reach us:

Tecnical Built Factory

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FUTURE PANEL

A Product From
Tecnical Built Factory

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