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OUR PRODUCTS CATALOGUE!



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HITECH
STEEL INDUSTRIES

STRIVING FOR GLOBAL EXCELLENCE, PIONEERING INNOVATIONS,
FOSTERING SUSTAINABILITY, AND ELEVATING SUCCESS.



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HITECH
STEEL INDUSTRIES
BARRIER

BARRIER CATALOGUE

SAUDI ARABIA'S LEADING MANUFACTURERS
OF BARRIERS & ADVANCED ACCESS
CONTROL SYSTEM.



1ST EDITION

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Hitech Steel Industries: We offer comprehensive solutions to enhance security, optimize space, and control erosion. With a commitment to Saudi-made excellence and sustainability, we deliver a wide range of products and services through our diverse divisions. For more information, visit our website: www.hitech.sa

SECURITY SOLUTIONS

HITECH BARRIER OFFERS DIVERSE SECURITY SOLUTIONS, INCLUDING PARKING BARRIERS, BOOM BARRIERS, PEDESTRIAN BARRIERS, AND PARKING LOCKS. AS SAUDI ARABIA'S LEADING BARRIER MANUFACTURER, WE PRIORITIZE VERSATILITY AND RELIABILITY TO SAFEGUARD YOUR PREMISES EFFECTIVELY.

WHO WE ARE?



MUHAMMAD JAVED IQBAL

Chief Executive Officer

Striving for global excellence, pioneering innovations, fostering sustainability, and elevating success

HITECH STEEL INDUSTRIES

Established in 2008, Hitech Group progressively evolved into a dynamic conglomerate, seamlessly integrating pivotal divisions such as Nartel Contracting, Hitech Fence, Hitech Trading, and HAH services. Post the 2017 acquisition by Hitech Fence UK, we adeptly manage a diverse workforce, excelling in industrial, retail, and services sectors.

Our distinguished journey is unmistakably marked by continuous growth, innovation, fortifying and solidifying our influential position in the ever-evolving business landscape.

MAIN OBJECTIVES

- We utilize the finest materials and cutting edge technologies to ensure our Saudi-made products are built to last.
- We invest in our team's growth, learning, and leadership development.

WHY CHOOSE US?

Saudi-Made Excellence: We are proud to manufacture high-quality products in Saudi Arabia, fostering local expertise and contributing to the Kingdom's development.

Unwavering Commitment to Quality: Durability and reliability are at the core of our products, ensuring long-term value for your investment.

Sustainable Practices: We prioritize environmental responsibility, minimizing our impact and advocating for a greener future.

"Our mission is to stay committed to exponential company growth, relentlessly striving for unparalleled success year after year."

HITECH OPERATES IN GIVEN INDUSTRIES.



HITECH
STEEL INDUSTRIES
BARRIER

BARRIER

Hitech Barrier secures your space with parking access and barrier solutions, locally designed and manufactured for enhanced security and aesthetics, including collaboration with solar gates for Instaboom and SOSEC barriers.



HITECH
STEEL INDUSTRIES
RACKS & PARTITION

RACKS AND PARTITION

Hitech is the trusted choice across Saudi Arabia for commercial rack needs. Our partitions offer superior quality for various settings. Explore high-quality racks and partitions for homes and factories.



HITECH
STEEL INDUSTRIES
GABION

GABION

Development of Gabion basket products for both business-to-business (B2B) and business-to-consumer (B2C) markets, tapping into the demand for versatile and sustainable construction solutions.



HITECH
STEEL INDUSTRIES
FENCE & STEEL

FENCE & STEEL

Hitech Fence & Steel offers a complete range of fencing products, meeting aesthetic and security needs in Kingdom of Saudi Arabia. We also provide high-quality reinforced steel bars for construction.



HITECH
STEEL INDUSTRIES
INDUSTRIAL AUTOMATION

INDUSTRIAL AUTOMATION

Hitech Industrial automation offers comprehensive solutions for industry needs, from CNC machines and warehouse racks to logistics products. Additionally, we provide expert services for product manufacturing and finish coating, ensuring quality from start to finish.



HITECH
STEEL INDUSTRIES
KEYCLAMPS

KEYCLAMPS

Developing a robust key clamp railing system for outdoor use, combining durability and aesthetic appeal. Catering to the growing demand for quality railing solutions in various outdoor settings.



HITECH
STEEL INDUSTRIES
SMART

E-SMART

Hitech specializes in designing, constructing, installing, and maintaining smart public toilets, renowned for pioneering self-cleaning and automatic designs. Committed to innovation, we seek cutting-edge solutions in technology and design.



HITECH
STEEL INDUSTRIES
BASICS

BASICS

Extending the product line to include basic consumer products for e-commerce initiatives. Aligning with the Saudi Vision 2030 by emphasizing the production of essential products locally.



HITECH
STEEL INDUSTRIES
RAILING

RAILING

Innovating and introducing a range of aluminum and stainless-steel indoor railing and staircase solutions. Ensuring both functionality and design aesthetics for residential and commercial spaces.

WE EXTEND OUR SINCERE GRATITUDE FOR YOUR TRUST AND SUPPORT. YOUR SATISFACTION DRIVES OUR DEDICATION TO EXCELLENCE. WE'RE HONORED TO SERVE YOU WITH TOP-NOTCH PRODUCTS AND EXCEPTIONAL SERVICE.

SIEMENS

SIEMENS

Siemens stands as a renowned global leader in technology, renowned for its innovation and advancements.

ERICSSON

ERICSSON

Creating game-changing technologies and services that shape our future that's what Ericsson do.



MOTOROLA

Motorola is a leading telecommunications company known for its mobile phones and infrastructure.



NEOM

NEOM is Leading the charge in Saudi Arabia's innovation and sustainability endeavors.



MOBILY

Etihad Etisalat Company, a Saudi telecom provider, offers fixed line, mobile, and internet services as Mobily.



DGDA

Diriyah, a cultural and historical gem, is becoming a global destination for enthusiasts.

**OUR
VALUED
CUSTOMERS.**

WHAT WE PROVIDE?

Hitech Barrier specializes in providing a inclusive suite of solutions designed to regulate traffic and human flow efficiently. Our product range includes boom barriers, pedestrian barriers, advertisement barriers, and parking locks, all powered by advanced electric instruments and integrated with access control systems. Whether it's managing vehicular access to parking areas or controlling pedestrian flow around buildings, our solutions offer unparalleled control and security. By leveraging our technology, you can effectively regulate traffic and access, ensuring smooth operations and enhanced security for your premises. Trust Hitech Barrier to empower you with the tools needed to optimize traffic and pedestrian flow in any environment.



BOOM BARRIERS

Boom barrier, also known as gate barriers or parking gates, are physical barriers that control vehicular access to a specific area. These gates are commonly used in various settings to regulate traffic flow and enhance security. Boom Barrier offers an extended solution for controlled access. It provides an accommodating boom length, ensuring efficient management of entry points while maintaining a secure environment.



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PEDESTRIAN BARRIERS

The Pedestrian Barrier is an advanced access control system designed to manage and monitor the movement of individuals in and out of secure areas. Our range includes Turnstile barriers, flap barriers, and swing barriers, each featuring a contemporary design that seamlessly integrates aesthetics and technology. Built for durability and reliability, these barriers ensure a smooth and controlled flow of pedestrian traffic, making them perfect for various spaces. Enhance security further with multiple access control options such as card check-in, facial recognition, and fingerprint scanning, facilitating efficient human traffic flow to designated buildings.



PARKING LOCK

Automatic parking locks offer a convenient and efficient solution for managing parking spaces. These devices are designed to automatically raise and lower, blocking or allowing access to designated parking spots as needed. With the use of remote controls or smartphone apps, users can easily operate the parking locks, ensuring secure and controlled access to parking areas. This technology helps optimize parking space usage, prevent unauthorized parking, and enhance security for vehicles and property. Additionally, automatic parking locks are often durable, weather-resistant, and low-maintenance, making them suitable for various indoor and outdoor parking environments.



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AUTOMATIC BOLLARDS

Discover unparalleled security and control with our Hydraulic Bollards. These robust barriers are both durable and user-friendly, ideal for safeguarding various locations. Whether it is in bustling urban centers or exclusive areas, our bollards blend always seamlessly with the surroundings while ensuring authorized access. Enhance safety with our cutting-edge technology, seamlessly integrated to meet modern security needs. Automatic bollards utilize an access control system to efficiently regulate vehicular access to specific roads, buildings, and designated areas, providing unparalleled security and control over entry points.



BOOM BARRIERS

- Parts are molded
- Three phase motor
- Worm transmission
- Less noise
- Steady drive
- Power Stability
- Pressure sensor to avoid crash
- Loop detector to ensure safe passes
- First function opening

BOOM BARRIER

Our Boom Barrier line offers five variants with motor-powered gear mechanisms, ensuring smooth operation. Safety features include a pressure sensor to prevent crashes, a loop detector for safe vehicle passage, and a first function opening for swift access. Specifically designed for high-traffic areas, these barriers are durable and efficient, with rapid deployment capabilities for emergencies. Additionally, integrated security features provide anti-ram capabilities, lighting enhancements, and customizable access control systems for added protection and adaptability.



ARTICLE NUMBER	SUPPLY (AC VOLTS)	POWER (WATTS)	MECHANISM	BOOM LENGTH (M)	OPERATIONAL TIME
HB140 Standard	220-240	140	Gear Assembly	6	5
HB140 Rapid	220-240	140	Gear Assembly	3	1.5
HB145 Standard	220-240	145	Gear Assembly	5	4
HB145 Rapid	220-240	145	Gear Assembly	4	3
HB150	220-240	150	Gear Assembly	3	0.9

ADVERTISING BARRIER

The Advertising Barrier is tailored for high-traffic outdoor areas or building entrances, maximizing exposure for advertisements. Customers can showcase ads on screens or physical layouts on barrier booms, capturing public attention for effective marketing campaigns. Available in three variants with different boom lengths and operational times, it also integrates security features like anti-ram capabilities and customizable access control systems for enhanced protection and adaptability.



ARTICLE NUMBER	SUPPLY (AC VOLTS)	POWER (WATTS)	MECHANISM	BOOM LENGTH (M)	OPERATIONAL TIME
HB160 Standard	220-240	160	Gear Assembly	4	6
HB160 Rapid	220-240	160	Gear Assembly	3.5	4.5
HB160 Advanced	220-240	160	Gear Assembly	3	3

PEDESTRIAN BARRIERS

- Problem-self-checking function
- Arm Turning: Bi-direction
- Auto-reposition function
- Anti-rush function
- Stable drive
- Less noise
- Communication interface: RS485, TTL232
- Passing speed: 30 persons/ min
- Input interface: +12V electrical signal



SWING BARRIER

The HSB60 swing barrier offers versatile and efficient vehicle access control. It ensures reliability and security. Its sleek design suits diverse environments, with easy installation. Quick operation aids effective traffic management. Customizable with additional security features, it's ideal for restricted areas. Technical specs include a 1000mm passage width, 1-second opening/closing times, powered by a 60W motor.

ARTICLE NUMBER	SUPPLY VOLTS	POWER (WATTS)	PASSAGE WIDTH	ARM LENGTH MAX	OPERATIONAL TIME
HSB60	220-240 50Hz	60	1000mm	500mm	1sec



FLAP BARRIER

The HFB100 is a robust high-security fence barrier, safeguarding sensitive areas with advanced security features. Its formidable design effectively deters intrusion attempts, while its modular structure allows for easy setup and adjustment to site needs. Featuring a 500mm passage width and swift 1-second opening/closing times, powered by a reliable 100W motor, it ensures controlled access in various environments.

ARTICLE NUMBER	SUPPLY VOLTS	POWER (WATTS)	PASSAGE WIDTH	ARM LENGTH MAX	OPERATIONAL TIME
HFB100	220-240 50Hz	100	600mm	280mm	1sec



TURNSTILE BARRIER

The HTB100 bi-directional turnstile offers efficient passage control with a 550mm width and 2-second operation. Equipped with a 100W power, it features auto-reposition and self-lock functions for convenience and security. Its bi-directional capability and RS485 interfaces enable streamlined traffic management and integration with access control systems, ensuring efficient operation and security in various environments.

ARTICLE NUMBER	SUPPLY VOLTS	POWER (WATTS)	PASSAGE WIDTH	ARM LENGTH MAX	OPERATIONAL TIME
HTB100	220-240 50Hz	100	600mm	350mm	2sec

PARKING LOCK

- Pressure resistance
- Self locking
- Manual override
- Protection class IP66
- Low Battery Indication
- External force alarm
- Anti theft
- Remote synchronization
- Motor Production



PARKING LOCK

Our Boom Barrier line offers five variants with motor-powered gear mechanisms, ensuring smooth operation. Safety features include a pressure sensor to prevent crashes, a loop detector for safe vehicle passage, and a first function opening for swift access. Specifically designed for high-traffic areas, these barriers are durable and efficient, with rapid deployment capabilities for emergencies. Additionally, integrated security features provide anti-ram capabilities, lighting enhancements, and customizable access control systems for added protection and adaptability.

RATED VOLTAGE	DC6V
QUIESCENT CURRENT	=1MA
OPERATING CURRENT	=1.2A
ARM RISING TIME	=4 SECONDS
BLOCKER HEIGHT	390MM
PARKING LOCK BODY HEIGHT	75MM
REMOTE CONTROL DISTANCE	=15 METERS
MOTOR PROTECTION	YES
PROTECTION CLASS	IP66
BATTERY TYPE	REMOVABLE
WORKING TEMPERATURE	-10°C~+55°C
SIZE	450X450X80MM
WEIGHT	8 KG



AUTOMATIC BOLLARD

- Strong corrosion resistance
- High waterproof level
- Strong load capacity
- Ultra-high synchronization
- ease of maintenance
- It can be manually lowered
- Warning led and reflective sticker
- Stable running
- Less noise

AUTOMATIC BOLLARD

The HB600 is a formidable hydraulic-powered bollard crafted for superior security and access control in various settings. Standing at 600mm tall with a diameter of 219mm, it serves as a robust deterrent against unauthorized vehicle access. Boasting a rapid 3.5-second opening time, it efficiently manages passage while maintaining stringent security standards. Powered by a 350W hydraulic system, it ensures precise control and reliable operation. Engineered to withstand harsh environments, it offers strong corrosion resistance, high waterproofing, and cold resistance for outdoor use. Enhanced with warning LEDs and reflective stickers, it prioritizes visibility and safety. Despite its durability, it operates quietly, fostering a pleasant environment for users and surrounding areas.

CONTROL BOX

The hydraulic bollard control cabinet is utilized to manage and operate hydraulic bollards. These cabinets typically house control mechanisms and systems that enable the raising and lowering of hydraulic bollards for access control and security purposes.



ARTICLE NUMBER	HB600
SYSTEM	HYDRAULIC SYSTEM
MATERIAL	304 STAINLESS STEEL
SUPPLY	AC220V 50HZ
POWER(W)	350W
RISING HEIGHT	600MM
DIAMETER	219MM
STANDARD THICKNESS	6MM (STANDARD)
OPERATIONAL TIME	3 SEC
MAX PASSING PRESSURE	PASS 80-120 TONS
IP RATE	IP68
REMOTE CONTROL DISTANCE	50M-100M
WEIGHT	200KG INTEGRATED



ACCESSORIES.



LOOP COIL DETECTOR

Embedded in the ground, senses vehicles to trigger barrier operation for access control.



PHOTOCELL

Light-based detection ensures safe barrier operation by sensing vehicle presence and preventing collisions effectively.



RADAR

Long-range detection technology enhances security and efficiency by accurately sensing approaching vehicles for barrier activation.



WIFI CONTROLLER

Allows remote management of barriers through wireless connectivity, offering flexibility in access control systems.



RFID READER

Identifies vehicles via RFID tags, streamlining access control with seamless and automated authentication processes.



ID READER

Allows access via ID cards or IC badges, ensuring secure entry through turnstiles.



FINGERPRINT & CARD READER

Verifies identity using biometrics or cards, enhancing security at pedestrian barriers.



FACE & IC READER

Utilizes facial recognition and IC badges for efficient and secure access control at turnstiles.



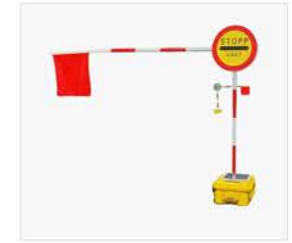
INSTABOOM

Solar-powered barrier with a 4m boom length, 3-week battery backup, and remote control operation.



INSTABOOM GO

Solar-powered barrier with a 1.8m pole height, 1-week battery backup, and remote control operation.



INSTABOOM FLAGGER

Solar-powered barrier with a 1.8m pole, 2.1m chevron board, 2-week battery backup, and remote control operation.



INSTABOOM GS6

Portable, wireless hazard protection with solar power, up to 21 days battery life, and real-time activation confirmation.



SOSEC 600

Remote barrier solution with solar power, 4m/5m boom options, and safety-focused features for harsh environments.



SOSEC 100

Robust security solution with 5m boom, LED lights, auto exit, and eco-friendly solar power.



SOSEC 200

Advanced traffic flow management with a 5m RGB boom, solar power, and customizable features for versatile access control.

EXCLUSIVE DISTRIBUTOR.

Hitech secures exclusive distribution rights for Solar Gates in Saudi Arabia, prioritizing innovation and environmental responsibility. Solar Gates, a UK-based firm, offers zero carbon INSTABOOM and SOSEC barriers, emphasizing safety underscoring dedication to sustainable in the region.