

CATALOG



ENTRANCE OPTIMIZATION



LakheraTM

Entrance Automation Pvt. Ltd.

WWW.LAKHERAAUTOMATION.COM



Superior solution by quality people



Lakhera Automation an ISO 9001:2015 certified organization. We introduce ourselves as leading suppliers of automatic sliding gates, Scissor Lifts, Sectional Doors, Door Shelters, automatic gates & barriers, automatic rolling shutters, High Speed Doors, Dock Levellers, High Speed Spiral Doors. We are well equipped with necessary infrastructures & work force. We strive to build a strong long term relation with our esteemed customer always.

Founded in 1995, Lakhera Automation has an illustrious history. The integrity, transparency, dedication, resourcefulness and determination to succeed are the characteristics of the group. These superior solutions are conceived developed and realised by a team of specialised professionals with unique experience. Thanks to its quality people's its total in house production process and its international organisation, Lakhera is a leading party in the field of entrance automation.

Our Motto is to put "Lakhera Automations" products Perfection & Customers satisfaction.

WWW.LAKHERAAUTOMATION.COM



HIGH SPEED DOORS

High speed doors are used inside and outside. High speed doors optimise the flow of traffic, improve room conditions and save energy. With the ability to close your door rapidly, you can minimise the temperature fluctuations which inevitably result from having an open gap between one area and another area in question cold and warm. The range includes both vertically and horizontally opening transparent doors with a flexible curtain. They are also available in combination with powerful, service friendly modular doors with smooth aluminum profiles.

Modular door is a high-speed door that opens and closes using a vertical operation. Our high speed doors the Modular model is suitable for application where high speed opening and closing times are required. This type of door is ideal for large size openings and is designed for prolonged everyday use both internally and externally with minimal maintenance. The door operates at speed $> 1\text{m/s}$, this model offers beneficial energy saving in both commercial and industrial application. In addition it reduces noise and eliminates dust from nearby working areas. The advantages and improvement offered by the Modular door makes it the right choice and investment for many commercial and industrial application. Independent panel of doors can be easily replaced upon requirements.

Lakhera Automation strives to achieve the optimum performance for all High Speed Door Solution. This is achieved through a strict quality environment and controlling.



WWW.LAKHERAAUTOMATION.COM

Control Unit

A lot of advantages

The most advanced and versatile control units for motors with mechanical limit stop or electronic limit switch, both automatic and deadman operation. In compliance with all European norms. Suitable for almost all industrial motors on the market phase with or without integrated inverter and three-p 2.2 kw maximum power. Easy programming and immediate diagnostics thanks 4-digit display integrated in cover.



NEW PLASTIC BOX, MORE PRACTICAL, WITH POSSIBILITY TO OPEN IT ON BOTH SIDES, RIGHT AND LEFT. THE IDEAL SOLUTION IN CONSTRAINED SPACES, LIKE SEVERAL DOORS INSTALLED CLOSE TO EACH OTHER, OR NEAR A SIDE WALL



PRACTICAL OPERATION OF THE DOOR WITH UP - STOP - DOWN BUTTONS ON THE BOX COVER

High performance with possibility of adding dedicated modules for additional functions such as traffic lights and loop detectors and to connect external transmitters. Compatible with all types of sensitive edges, including wireless.

The ideal solution for interlocking doors thanks to the dedicated function, the control unit can be used to operate a number of doors in succession, to restrict or control entry to and from areas that need to be secured against two or more doors being open simultaneously.

Safe: protected by a plastic shell, to avoid any risk of electrical shock. Radio receiver dedicated slot to connect a Lakhera SMXI or OXI plug-in receiver. Smart, the maintenance service warning can be programmed according to the number of manoeuvres required. Customizable: further button configurations are available on request, such as emergency stop switch.

Technical Specifications



- Upper Framework :- In zinc-plated steel or, on request, in stainless steel INOX304, for motor and rolling shaft protection in zinc plated steel.
- Guides :- In aluminium extrude profile complete power coating they are equipped air tight rubber with nylon brushes all the structure of Modular door is self-bearing. It can be powder coating with any RAL colour.
- Curtain:- Non tear flexible full curtain pvc coated in polyester 900gr/sqm complete with tubular metal reinforcement it is possible to manufacture curtain completely wide range of standard coloured one or personalized with our customer logo.
- cross Bars :- Modular Aluminium extrud profile section with powder coating.
- Rolling Shaft :- In zinc-plating steel or in Aluminium requested at high traction resistance.
- Safety Device :- In case of power failure : handle on the motor unit or, at customer request, chain pull attachment.
- Drive Unit :- Motor installed directly on shaft consists of a self-breaking motorized reduction group IP 54 with rotating limit switch voltage 3- 400/50HZ, voltage 1- 230/HZ VAC with onboard frequency converter for speed control. Electronic limit switch .
- Control Unit :- IP65 with microprocessor

WWW.LAKHERAAUTOMATION.COM

DESCRIPTION

LAKHERA provide is a unidirectional microwave motion sensor optimizing the performance of automatic doors. Sensor detects every type of target and can filter people. Detecting vehicles only allows to reduce the door closing cycle by rejecting cross-traffic.

PERFORMANCE

- Unidirectional motion detection for an optimum door closing cycle generating energy savings.
- Possibility of filtering people and detecting vehicles only.
- Possibility of filtering cross-traffic to eliminate unwanted detection.

EASY OF INSTALLATION

- Simple Installation (plug and play).
- Flexibility with remote control and push-buttons.

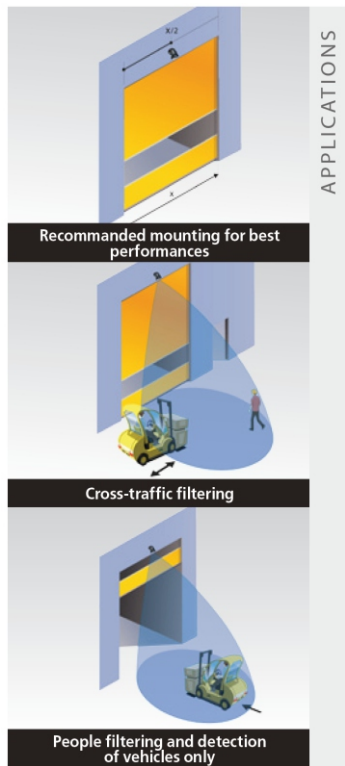
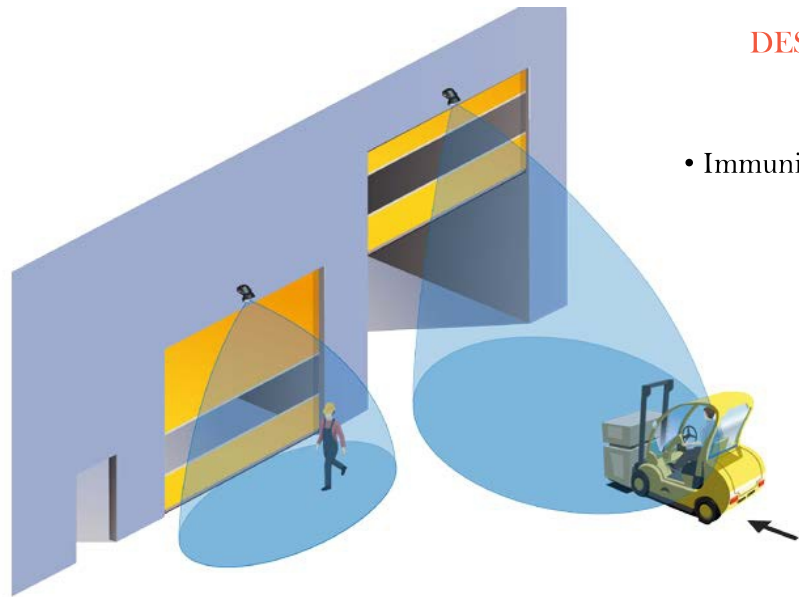


DESIGNED FOR INDUSTRIAL ENVIRONMENTS

- Rugged housing adapted to industrial applications.
- Degree of protection: IP65.
- Immunity against vibrations and environment interferences.

ADVANTAGES :

1. These door can be an excellent return on investment.
2. They do offer the best four side in the business.
3. Designed Specification for interior/exterior applications.
4. Strong and robust, yet flexible and fast.
5. Spare Parts and accessories available.
6. Reduce costly energy consumption.
7. Partical Solutions
8. Long Service life & high efficiency as standard.
9. Quick return on investment.



APPLICATIONS :

The high speed door application field is huge. Thanks to its flexibility, rapidity, reduced sizesm reliability and easy maintenance, this door becomes really indispensable.

- | | | |
|----------------|------------------------------|-------------------------------------|
| - Supermarket | - Cold Storage/Freezer Rooms | - Textile Industries |
| - Food Market | - Hotels | - Automobile Industry |
| - Workshops | - Kitchens | - Pharmaceuticals Industry |
| - Cold rooms | - Airports | - Engineering |
| - Car Dealers | - Factory Stores | - Food Processing Ind. / Ice Cream. |
| - Laboratories | - Clean Rooms | |



Rolling Shutter

This type of door is suited for outside openings and is designed for wind load everyday use with minimal maintenance. In addition to operating at speeds 1.0 m / 10 sec. Used extensively in commercial and industrial applications, Lakhera Roll forming roller door guides are used by many of the major manufacturers of roller doors in Lakhera.

The standard range of guides are roll formed from L200 pre-galvanised steel, in thicknesses ranging from 2mm to 3.00mm and are available in any length.

Lakhera Roll forming roller door guides are manufactured to very tight tolerances, particularly in relation to the critical factors of straightness (no twisting) and consistency of profile, and combined with their superior strength, they play a major role in ensuring the integrity, proper alignment and smooth operation of the roller door.

Windlock

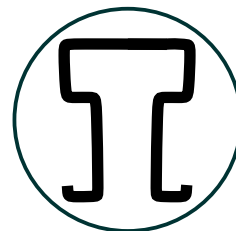
Under a wind load a roller door is designed to deflect, and the wider the door the more it will deflect. This deflection causes friction between the roller door and the door guide which can prevent the door moving up and down. Lakhera Roll forming's Windlock roller door guides have been designed to reduce the amount of friction between the door and the guide, therefore allowing the door to operate under a wind load.



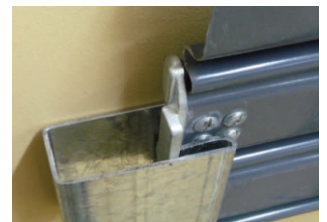
The Lakhera Steel Shutter is a opens and closes using a vertical pack away operation and is suitable for application where Steel Shutter opening and closing times are required.



Wind Lock Guide Channel



Interlocking guide channel



Lakhera Rollforming is a custom metal rollforming specialist, with the capability to rollform an almost infinite number of profiles in a wide range of metals.

This model offers beneficial energy savings in both commercial and industrial applications in addition to reducing noise.

Lakhera offers a wide range of shutters for a bewildering variety of requirements. Incorporating state of the art technology.

Our team can offer you a good solution in order to keep wind or rain outside and improve your employees comfort while working.

WWW.LAKHERAAUTOMATION.COM

Automatic Rolling Grills

Lakhera Manufacture rolling grills from aluminium or steel tubes and links, put together with steel rods, Chainlink grilles make a lightweight, but strong, curtain. They are available in brick bond and inline patterns. A large area of open space between the links creates a sense of openness that makes Chainlink grilles a popular choice for shopfronts as well as reception counters, bars and serveries.

Key features

Good visibility
Effective security
Contemporary design

Suitable for :-

Retail shopfronts
Reception areas
Food serveries
Counters and bars

Conforming to
CE / IS 6248
Standards



Aluminium Rolling Shutter

Aluminium shutters have a number of advantages over heavier steel roller shutters. They are small and elegant, yet lightweight and strong. Moreover, our aluminium roller shutters are quiet in operation and require little maintenance.

Bend-resistant double-skinned extruded Aluminium profile for additional strength. The bottom rail is fitted with extruded rubber bottom seal that will seal against the floor when the door is fully closed.

Key features

Lightweight and strong
Small and elegant
Operate quietly

Suitable for :-

Residential premises
Bars, restaurants, hotels,
reception areas
Offices, day-centres, hospitals,
schools, Shopping malls, shops



Conforming to
CE / IS 6248
Standards

Fire Rated Rolling Shutter

Lakhera offers a wide range of rolling steel doors to meet the most demanding fire safety standards, unusual opening sizes and discerning aesthetic requirements. Designed to close automatically in the event of a fire or alarmed event. Our fire-rated doors are available for service door and counter applications in commercial, industrial, institutional and retail projects. We provide fire doors with BS or UL labels, and are listed for both masonry and non-masonry applications.

Key features

Rated fire-resistance up to 4 hours
Closes automatically in event of fire
Can be powder-coated in most colours
Also act as a security shutter

Suitable for :-

Canteens and Serveries
Commercial kitchens
Escape corridors
Stadiums, Shopping centres
Office blocks



Conforming to
CE / IS 6248
Standards

Galvalume Rolling Shutter

Lakhera provide Galvalume Rolling Shutter. This suited for most types of Industrial and Commercial applications. Double Coating Aluminium and zinc profile for additional strength. Galvalume Rolling Shutter mostly approved by architects, building owners and many others.

Key features

Easy to use
Versatility
Lightweight and strong
Small and elegant
Operate quietly
Long term performance

Suitable for :-

Industrial/ Commercial space
Residential premises
Bars, restaurants, hotels,
Offices, day-centres, hospitals,
Shopping malls, shops



Conforming to
CE / IS 6248
Standards



Dock Leveller

Hydraulic Hinged Lip Dock

The electro hydraulic LAKHERA dock levelers with hinged swing lip are designed and built to meet the demands of high-volume loading and unloading and provide the most durable performance with low lifetime cost of ownership

The LAKHERA dock leveler is operated with only one push button. By keeping the push button pressed, the platform will go up from its rest position, when the highest point is reached, the lip will swing out. When the push button is released, the platform and lip will descend automatically to the level of the vehicle bed.



Built in conformity with
EN 1398

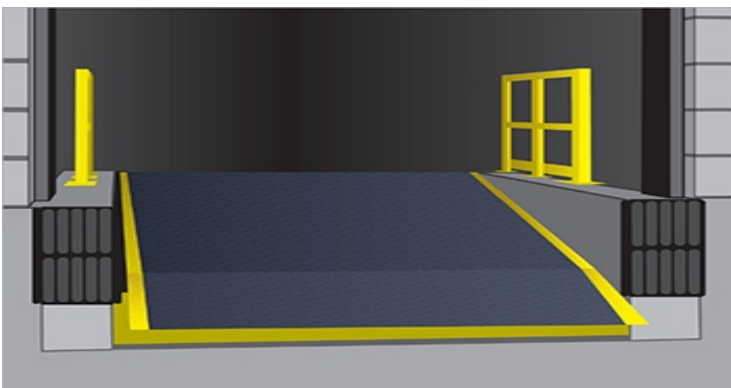


The superior swing lip solution with open lip hinge

After the loading and unloading process has been completed, the dock leveler can be returned to the rest position by continuously pressing the “return button”

The LAKHERA dock leveler is very robust and reliable and is equipped with two platform cylinder and one lip cylinder. The open and self cleaning.

**A wide range of levelers according
EN1398 for different pit
constructions**



WWW.LAKHERAAUTOMATION.COM

Hydraulic Scissor Lift

Scissor lift is one of the most commonly used aerial work platform.

Lakhera offers well-maintained scissor lifts. That are required by different industries to perform various operations at heights, such as construction, facility management, aviation and more. Scissor lift to ensure safety while working at heights.



Our scissor lift includes a wide range of machines that vary based on brands, working height, lifting capacity and potential outreach. We offer electric scissor lift, hydraulic scissor lift and diesel powered scissor lift

Solutions for working at height

Lakhera provide solutions for working at height, and we are in the business of making certain that our customers can do that safely and productively.

The overwhelming majority of our business is in supplemented by services, like training, 24/7 service that we provide to customers.

Safety and Sustainability

Safety is our highest priority. Aerial work platforms are a safer way to work at height, and to make certain that our equipment is operated in the safest way possible, we offer training on both operations and safety.

We also believe our lifts powered access is a sustainable solution – for the environment, but even more, for the long-term business success of our customers.

Customers do not need to own, store, and maintain equipment on their sites that they only use occasionally, nor do they need to maintain the in-house expertise and insight that we can provide as specialists.



They get state-of-the-art equipment and can focus on their core business rather than expending valuable resources on what is not central to them.



Sectional Over Head Door

Lakhera doors help to maintain the insulation values, prevent of refrigeration, through hermetic sealing. Coated or stainless steel encasing a polyurethane foamed core injected under pressure, combined with efficient resulting in the perfect sealing of a chiller or freezer room hinged door.

Door frame with an aluminum sill installed flush with the floor for freezer applications. Both the sill and door frame are fitted with a heated tape. All Lakhera hinged door feature metallic rising hinges with screw fittings.

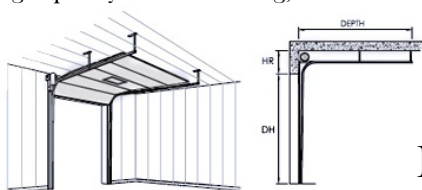
Emergency release located on the inside of the unit.

Fitted with standard lever handles on the inside of the unit.

Fitted with standard lever handles and lock case with euro norm cylinder.

High quality rubber sealing, four sided EPDM gasket.

“Lakhera’s Sectional Overhead doors are durable products for warehouse, cold storage, logistics centres, retail and industrial premises.”



Features

An overhead door consists of a door leaf that close-off opening a building. This door leaf consists of horizontally connected panels and it is opened vertically. Dock doors are frequently used in combination with dock levelers. Their extreme operations and frequent use demands high on quality and easy operation. They are mainly available in vertically lift and high lift version.

The doors are optimally protected against deformation and corrosion. The panels are fitted with an additional integrated steel reinforcement strip.

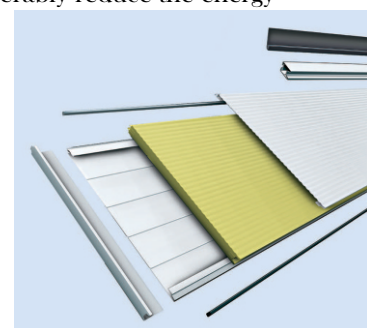
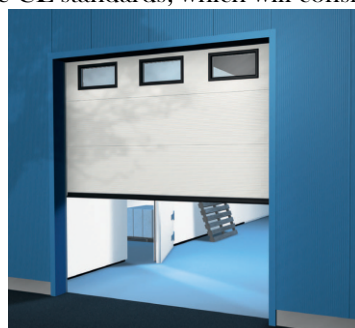
This overhead door is made of 40mm thick steel sandwich panels. The front and back skins are separated by a fire retardant PU (CFC) free foam core. This combination results in an insulation value in the highest class of the CE standards, which will considerably reduce the energy consumption.

Operating Conditions

The maximum speed at which a door can be safely operated the door a water tightness rating of Ip65; this means that the door is splash proof.

Operating Principal

To move and at the same time counter balance the weight of the door, a torsion spring counter balanced system is fitted.



WWW.LAKHEREAUTOMATION.COM



High Speed Spiral Door

Lakhera First Time introduce in India

The Spiral door offers high-speed operation for high-traffic situations and rigid aluminum slat construction that eliminates the need for a second security door. Crisp lines give the Spiral door a stylish look that's great for many types of commercial, automotive retail, government, institutional and industrial applications.

The exclusive, patented Spiral design provides ideal performance for automotive dealerships, government, and municipal facilities, parking and security-related installations.

You select the best – and unique – door system for your application.

The fastest door in the world, combined with the best

High-Speed Spiral Doors impress customers all over the world, for their outstanding quality, greatest safety and extreme load capacity.



Spiral Technology

Unique, patented design creates no metal-to-metal contact, resulting in less wear and tear on the panel

- Ultra quiet and low maintenance operation
- Utilizes AC drive motor with variable speeds to allow for soft acceleration and deceleration

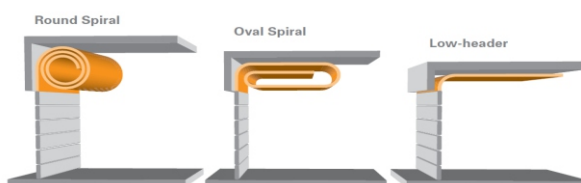
Panel Design

- Integral rubber weather seal between the slats provides a tight weather seal across the entire panel
- Patented hinge design allows for removal and replacement of single slat without disassembling the door panel.



Architectural Styling

- Sleek double walled aluminum slats are 6 inches high with an integral weather seal between each panel
- Durable silver' powder coated finish is UV-stable and resists rust, corrosion and fingerprints





Retractable

Dock Shelter

Thanks to the adaptable roof and the parallel guide systems the front structure moves backward in the case of inaccurate docking hence preventing damage to the dock shelter. The front part of the dock shelter is provided with warning stripes to facilitate the docking process.

An integrated rain channel allows lateral drainage of rainwater (optional). The standard version of the dock shelter is provided with a slit in the left and right hand corner. Partially or completely slit top curtains are available at little surcharge.

Thanks to the extensive pre-assembly of the dock shelters already at the production factory rapid installation of the shelter on site can be guaranteed.

The mechanical dock shelter is a new product of Lakhera wide product. Various dimensions of warehouse openings and of the docked vehicles result in gaps have to be sealed in the best possible way.

The front and the rear frame of the Lakhera dock shelter consist of high stability extruded aluminum sections connected to each other by bracing arms. The curtain of high stability extruded aluminum sections connected to each other by bracing arms. The curtain is 3mm thick, made of highly wear and tear resistant double - layer PVC coated cloth and mounted of the flexible farms.





Automatic Sliding Gate

These Motorised Sliding Gates are works on a simple but effective mechanism by sliding on the either side of the opening.

Tested graded steel are used for the manufacturing of these Sliding Gate & thus the sling gates is strong to protect your premises from an unauthorized access. Own Design & In-House Manufacturing process. Lakhera automatic motorised sliding gates come in various patterns and designs as per a customer's requirements. High quality CNC finish top and bottom rollers.

Features

These Sliding Gates are widely used and Economical option among all the types of gates. Works on Precise machine cut toothed pinion along with galvanized rack arrangement. Our Sliding Gates are available in single side or double side sliding suggested to suit actual site condition. Bottom rail made up of polished bright bar which is supported by heavy duty I-beam Top Nylon guide rollers with bearings are used for smooth operation & to guide moving Leaf. At each end track stopper is placed to absorb any impact and to hold the gate in the open or closed position. Vertical safety edge can be installed to protect against any damage or injuries in case of accidents.

Also These Motorised sliding gates are available with in built hinged / sliding type side gate for pedestrian use.

Electromechanical European make geared motors range 400 to 6000 kg for heavy gate application



Retractable Gate

Lakhera Wide range of opening gates called RETRACTABLE GATES. These gates are best suited for the openings facing space constraints or do not have parking space. A long with that if there is a need to divide an area or a partition is required to be done for the internal premises of a campus gates are surely the optimum available solution. Retractable Gate are constructed in such a way that their kinematic links are joined together to have to and for contracting & expanding motion with respect to each other. They can be made available in single or two bottom rails for its expanding and retracting motion. Symbolizing high standard appearance Retractable Gates are made of high strength metals which provide flexibility, durability & protection as well. ideally used for big corporate houses, factories and industrial enterprises, shopping center stadium main entries. Folding gates are suitable to restrict pedestrian entry/exit. Designed to work even under extreme climatic situation. Retractable gates are available in S.S / Aluminium material. Tracked or trackless gates can be integrated with various accessories to operate the retractable gates. The unique infrared collision avoidance system ensures safety of passengers and vehicles.





Boom Barrier

Lakhera Automation is the Boom Barrier Manufacturers.

Automatic boom barriers are used to control vehicular movement on places where access control is required to ensure that only authorized personnel can access the premises. An aluminum Bar rises in vertical arc to allow movement of vehicles.

Easy Installation



The large power cable routing hole, the removable side hatch and the ample operating space inside make installation easy and very fast.

Adjustable opening and closing deceleration, smooth movements



Electric limit switches and mechanical stops for adjusting the end of the opening and closing strokes ensure smooth boom movements.



Technical Specification

Opening and closing times Maximum straight	1.2s/3s/6s
boom length	9m
Voltage	220V/110V +-10%
Frequency	60HZ/50HZ
Motor power consumption	80W
Working temperature	-40°to 85°
Housing dimension	330(Width)*280(Depth) *980(Height)mm
Weight not including barrier boom	55kgs
Drive	Torque motor
Maximum Remote Control Distance	30m



A Free Technical Assessment is conducted to confirm your objectives withing 48 to 72 hours upon receipt of part or full payment and the project delivery/execution period is between 7 to 14 working days (negotiable) provided there is no technical hindrances from the Customer.

The wide range of lengths and accessories available ensures that all installation requirements are met. All models are equipped with a facility of manual operation in the event of power failure and battery back-up capability in selected models.

There will be a great deal of man power and material, a lot of spending, a large amount of work and a very low efficiency resulted with the traditional management mode.

WWW.LAKHERAAUTOMATION.COM

Some of our Valued Customers

DENSO
Crafting the Core

Panasonic

YKK

posco

Johnson Matthey

YOKOHAMA TIRES

India Japan Lighting Private Limited

metso

MUSASHI
Power to Value

NTN
AUTOMATION

NIPPON STEEL & SUMIKIN PIPE VIETNAM CO., LTD

DAIKIN

HONDA

SAMSUNG

KEI
Wires and Cables
The power behind the power™

TAKENAKA

SHMZ
SHIMIZU CORPORATION

P&G

SMCC CONSTRUCTION INDIA LTD

amazon

MITSUBISHI ELECTRIC
Changes for the Better

Motherson Sumi Systems Limited

Lakhera Sales Service support to OEM :

In this segment , we provide sales and service support to OEM in the area where OEM does not find it economical to penetrate.

Lakhera Strength:

A team of highly qualified people having more than 24 years experience in the same field.

Our team have people from engineering, sales & marketing and operational field.

Our company provide one stop solution to customers hence . We are available to provide our product and services at industries best possible price levels.

Technical compatibility of our team will ensures availability of products and solutions.



CERTIFICATIONS



Conforming to
CE / IS 6248
Standards



One of India premier manufacturers of Entrance Automation and Loading Dock



Entrance Automation Pvt. Ltd.

CORPORATE OFFICE

Lakhera Entrance Automation Pvt. Ltd.
Jagan Gate ,Leo Chowk , Circullar Road
Rewari Haryana (Pin 123401)

Tel : +91 1274-252003
: +91 9812751310
: +91 7056598310

E-mail : lakherasteel@gmail.com
sales@lakheraautomation.com
info@lakheraautomation.com

Web. : www.lakheraautomation.com

UNIT II

Lakhera EntranceAutomation Pvt. Ltd.
Delhi Road Opposite Gisa ki Dhani
Near K.L.P college , Rewari (123401)
Haryana
ph. 01274 250814

UNIT IV

Lakhera Automation Pvt. Ltd.
Main Delhi Road
Near Inderlok colony
Rewari (123401)
Haryana

UNIT III

Lakhera Entrance Automation Pvt. Ltd.
Delhi Road Vill. Hasakha
Near RPS Public School
Rewari (123401)
Haryana

Social Contact



Designed By: Lakhera Entrance Automation Pvt. Ltd.

Lakhera Entrance Automation is registered trademark. We reserve the right to make changes in specifications without notice and without making changes retroactive.