



MOTORISED GATES

GANDHI
Automations Pvt Ltd

India's **No.1** Entrance Automation & Loading Bay Equipment Company

EUROPEAN COLLABORATION AND TECHNOLOGY WITH INNOVATIVE AND CREATIVE ENGINEERING FOR MORE THAN 20 YEARS



Quality & Safety - Our Priority

All automation for Gates are CE certified, manufactured in accordance with

STANDARD
EN 13241-1:2003+A1:2011

DIRECTIVES : 2006/42/CE
2004/108/CE

Gandhi Automations develops and manufactures its products strictly in line with these standards. You are continuously assured safe operation with regular use, assembly and maintenance.



ISO 9001 : 2015, ISO 14001 : 2015
BS OHSAS 18001 : 2007



A PARTNER WHO STANDS BY YOUR SIDE



ORIGINAL SPARE PARTS

Guaranteed original spare parts availability for 10 years

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Efficiency, Safety and Flexibility



Gandhi Automations Pvt Ltd is India's No.1 Entrance Automation and Loading Bay Equipment Company. This widely recognized position has been achieved over years of hard work, innovation, commitment to quality and reliable customer service. Since 1996 we have been designing, manufacturing, exporting and installing products that are problem free, safe and easy to operate.

Head Office

Headquartered in Mumbai; the commercial capital of India, the company has expanded its manufacturing capacity, operations, geographical reach and customer base globally. Today our products are marketed by our distributors in more than 70 countries across the globe.

Competent Advice

Proper customer guidance and service are our top priorities. Our well trained and experienced specialists are always at your disposal from the project planning stage to final building inspection. They help you to choose a perfect product solution tailored to your requirements.

Quality Management

The company is certified to ISO 9001 : 2015, ISO 14001 : 2015, BS OHSAS 18001 : 2007 by TÜV Nord. This has resulted in the implementation of continuous improvement in personnel training, production, equipment calibration, machinery maintenance, logistics and customer relations.



Nationwide Network

Ahmedabad	■	Coimbatore	■	Kolkata	■	Raipur	■
Bengaluru	■	Goa	■	Lucknow	■	Ranchi	■
Bhopal	■	Hyderabad	■	Mangalore	■	Surat	■
Bhubaneswar	■	Indore	■	Nagpur	■	Vadodara	■
Chandigarh	■	Jaipur	■	New Delhi	■	Visakhapatnam	■
Chennai	■	Kochi	■	Pune	■		



Advance Manufacturing

Our strategically located state of the art manufacturing and warehousing facility of 3,00,000 sq. ft. near Bhiwandi (40km NE of Mumbai) ensures high-quality products and short delivery times.

In-house research and development is the vital element within innovative & creative engineering of Gandhi Automations.

All essential product components and control technology are designed and produced by Gandhi Automations with European collaboration and technology.

Our product engineering team uses the latest software combined with technologically advanced machinery to offer our customers an excellent engineered product.



Packaging

Special care is taken while packaging our products for dispatch to the installation sites. Each consignment is supervised by a team of experts who ensure that material is dispatched efficiently and promptly.

Install, Commissioning & Service

Our team of committed and diligent engineers and technicians; many of whom are trained at advanced training centers in Europe to ensure perfect installation and trouble-free commissioning according to our specifications assuring product reliability and longevity.



Dynamic Customer Service

Our Customer Care team offers 24x7 service. We lay great emphasis on exceptional aftersales service and provide Spares, Preventive Maintenance and Annual Maintenance Contracts for minimum downtime ensuring durability and drive maximum ROI.

Our widespread service network assures response time to a minimum.

In rare case of any product failure, all you need to do is reach for the telephone.



TOLL FREE

1800 209 0200

From Anywhere in India

One call and one of our highly trained service technicians will be on its way in a fully equipped customer service van with wide range of original spares.

Gandhi Gates - Quality Engineered





Gandhi gates are designed and fabricated with special square or rectangular hollow sections, along with MS sheets and flats assembled by high quality welding.

These gates are not only aesthetically pleasing but sturdy and perfectly aligned. The pre-tensioning of the gate leaf construction reduces the risk of bending. The gate leaves typically comprise rectangular hollow sections, square hollow sections or square bars and perimeter frame of sufficient strength. The leaf design is available in a standard form or custom made to suit individual clients' requirements. The gate is supported by galvanised adjustable upper guide bracket with nylon rollers, guide post with safety strike, Italian made galvanised wheels with ball bearings and axle with lubrication point. These components enhance the efficiency and life span of the gate. The complete gate is coated with grey epoxy primer as standard and on request cold spray galvanised or PU painted in colours according to the RAL.

A consistent quality product thus becomes the hallmark of Gandhi Automations' manufacturing process right from installation to after sales service.





Conventional



Telescopic



Cantilever

Range of Sliding Gates



Safety and practicality starts from the entrance of a building. Electromechanically driven steel Sliding Gates are robust, durable and suitable to be installed at any industrial, commercial or residential premises. These sites can be automated by selecting from a wide range of motorised gates which ensure long term reliability, rigidity and superbly blending in with the style of the buildings.

Conventional Sliding Gates

Conventional Sliding Gates are gates which use a ground mounted track for the gate wheels to move on. It requires a track in the ground for the full length of the gate in open and close positions. These gates do not encroach into the driveway or yard since they slide on the side of the opening and are also ideal in case of rising driveways.

Tracked Sliding Gates can span larger opening widths. Optionally a pedestrian gate can be integrated with these type of gates or a separate pedestrian gate can be built independently.



Range of Sliding Gates



Telescopic Sliding Gates

Telescopic Sliding Gates are ideal for sites where maximum opening is required and back run is restricted due to structural conditions. These gates combine the convenience and state of the art appearance of Conventional Sliding Gates while offering several key advantages. They can considerably reduce the back run required as compared to a single leaf gate. The gates are fabricated to make it possible to achieve a maximum clear opening and are finished with long term corrosion protection. Telescopic Sliding Gates allow extremely large openings as compared to a Conventional Sliding Gate.





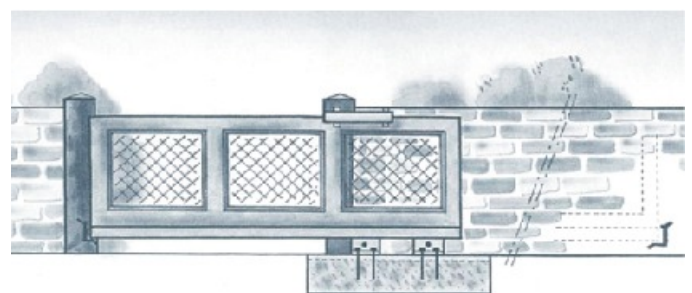
Cantilever Sliding Gates

Cantilever is a system for Sliding Gates, which is suitable for securing industrial, commercial and public utilities, where the road surfaces are uneven or sloping.

The gate is fabricated of sturdy steel and works on a simple principle of 2 heavy duty carriages grouted and a monolithic galvanised track that rolls on the carriages, thus obviating the need for a bottom track.

The motorised Cantilever Sliding Gate can span openings for upto 30 m.

The advantage of a Cantilever Gate is smooth, quiet operation, vehicle does not experience any bumps and gate is not prone to getting blocked by leaves or dust hence reduced maintenance.



Drive Mechanism for Sliding Gates - Italian make

Gandhi Sliding Gates - Conventional, Telescopic and Cantilever are electro-mechanically driven steel Sliding Gates.

The electro-mechanical automation are capable of managing different types of gates, different frame dimensions, types of duty and environmental conditions. The automation always ensure maximum operational safety, functioning and reliability. A wide range of models are available for gates weighing upto 18,000 kg.

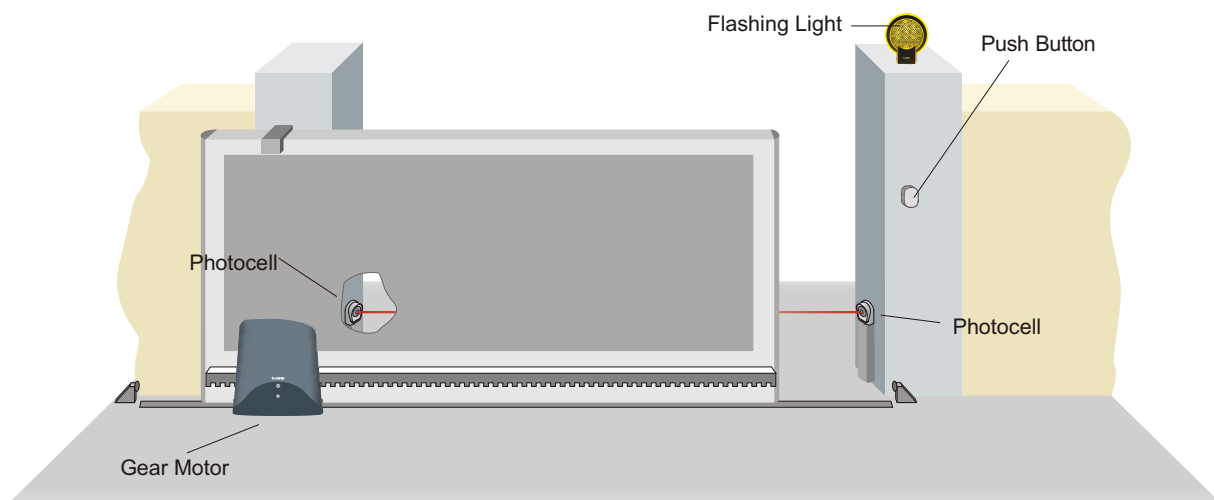
These modern and fully equipped actuators are specifically designed to satisfy all most-advanced technical and installation requirements. In particular, they come with a wide range of standard and optional safety accessories.

Key Features

- Highly compact dimensions and extremely silent operations
- Built-in anti jerk device prevents damage to the automatic system
- MPS startup at maximum power permits motor to overcome any initial friction caused by ice and dust
- Travel control system used to control speed and deceleration
- Obstacle detection system causes the gate movement to stop if an obstacle is detected
- Advance electronic control unit permits operation time adjustment, partial opening, automatic closing, step by step control, stop safety and reverse safety
- Ideal for heavy and intensive service
- Manual operation in case of power failure

European Standards

Sliding Gate automation have the CE marking and are designed and manufactured in compliance with
Machine Directive (2006/42/EC),
Electromagnetic Compatibility Directive (2004/108/EC) and
Low Voltage Directive (2006/95/EC) safety requirements.





Technical Specifications

Electromechanical actuator	for Sliding Gates upto 800 kg	for Sliding Gates upto 1100 kg	for Sliding Gates upto 2000 kg	for Sliding Gates upto 3000 kg
Travel control system	limit switches	limit switches	limit switches	magnetic mechanical stop
Capacity	800 kg	1100 kg	2000 kg	3000 kg
Duty class	Frequent	Intensive	Intensive	5 - very heavy duty
Intermittent operation	30% work 70% pause	80% work 20% pause	70% work 30% pause	S3 = 100%
Power supply	230V ~ / 50Hz	24Vdc	230V ~ / 50Hz	400 V~ / 50 Hz
Input	1.9 A	1.3 A	4 A	2.1 A
Thrust / Torque	23 Nm	38 Nm	57 Nm	3000 N
Opening speed	0.25 m/s	0.2 m/s	0.2 m/s	0.16 m/s
Closing speed	0.25 m/s	0.2 m/s	0.2 m/s	0.16 m/s
Release system for manual opening	lever operated	key operated	key operated	key operated
Operating temperature	-20°C / +55°C	-20°C / +55°C	-20°C / +55°C	-20°C / +55°C
Protection rating	IP 44	IP 44	IP 44	IP 45
Product dimensions (mm)	330 x 205 x 300	330 x 210 x 300	360 x 270 x 390	530 x 275 x 588

Higher range available on request

Retractable Gates



Retractable Gates not only eliminates the need of a back run area but are a unique combination of technology and art. The state of the art head unit is made with precision, high strength plastic and steel materials incorporated with the most advanced features, including an intelligent control circuit. It is safe, reliable, energy-saving and offers high starting stability. Above all, it can even function normally during a power outage.

These gates not only blend perfectly with its surroundings but are a piece of eye-catching architectural work with high functionality and aesthetic value.



Features

- The wind-resistance structure ensures normal operation under impact of wind
- A unique key is included to un-clutch the drive mechanism during power failure in order to perform manual operation
- Based on the Intelligent infrared double-probe anti-collision device, the gate can automatically perform any return operation in case of a collision with any human or foreign matter so as to ensure the safety of vehicles and pedestrians
- Patented technology of electronic soft starting device is combined with mechanical damping device so that the main engine can avoid sway and ensure smooth operation during starting and stopping
- Concealed wiring giving the gate a neater appearance
- The feature of wheel geared electric motor with overheat protection sustains frequent starting of the gates without overheating. This way, the service life of the electrical motor is significantly prolonged
- The gate is also equipped with anti-climb alarm system that turns on, when it senses an obstacle on top of the gate
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Gallery





Gallery



Accessories



Flashing Light

Flashing light serves safety requirements. They give visual signals for opening and closing impulse.



Remote Transmitter

Water resistant 4 channels transmitter, 433 MHz frequency. Vehicles or personnel with a transmitter open or close the gate.



Three Station Push Button

Mounted on wall or column in the vicinity of gate with "Open / Emergency - Stop / Close" controls. Plastic housing IP 65



Key Selector

Mounted on wall or column in the vicinity of gate with metal front, plastic back casing.



Photocells

The photocells are mainly used to monitor the passageway. As long as the photocell beam is broken the gate will not close. Two distinguished functions of the photocells

- Open : The gate opens when the photocell beam is interrupted.
- Safety : The gate remains open as long as the photocell beam is interrupted.



Safety Edges

Are safety devices which when mounted on primary edges of Sliding Gates, protect people from accidental crash or damage. The edges automatically stop or reverse the gate wing movement.



Indian Green Building Council
M E M B E R



ISO 9001 : 2015, ISO 14001 : 2015
BS OHSAS 18001 : 2007

Gandhi Automations operates a policy of continuous development and reserves the right to make appropriate technical modifications / replacements without prior notice.

GANDHI

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