

AUTOMATIC GARAGE DOORS

LOKPAL'S New Anti-pinch Garage Door is a new product incorporating advanced technology and hi-tech equipment. It is fully humanized design, modernistic & up market in appearance. It is suitable for the garages of high-class homes. The connecting joints and parts are carefully treated by plastic coating. They are aesthetic and fashionable. The balance system and driving system are customized according to the size of your garage door which makes the door work more smoothly, it guarantees a high-quality garage doors and prolongs the lifespan at the same time.



Garage doors are fitted with tension springs on both sides with a torsion spring anti-shutdown protection Device. Once the torsion spring is broken, the protection device will prevent the door from falling.

Adjustable patented, solid wheel bracket and security tracks to avoid the door from being derailed, so that the door can be safely slide in the ceiling track.



LOKPAL INDUSTRIES

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AUTOMATIC GARAGE DOORS



The door flaps are specially designed with Anti Hand trap function, so that there is no chance of accidentally "Pinching of fingers" between the hinges.



Our Garage doors incorporate a solid cam card type anti theft protection feature



TECHNICAL SPECIFICATIONS

Color coated Galvanized Steel 0.4mm Thickness
Insulated with Polyurethane- (PU) Foam Have Good Thermal Insulation (40mm)
Panel Structure : Wood Grain Surface
Cable Break & Spring Break Device Included
Motor Operate : 220VAC, If Power Failure can operate with rope.
Two Remote Controls Included
Sound Insulation Value of the Panel : 24Db

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RAPID ROLL-UP / FOLD-UP DOORS

The leaf of **Hulk** high speed roll-up doors is made of strong Ryan polyester (700 1,700 g/m²) with transparent inserts, for a clear view through the doors. They have high handling capacity with minimum heat losses. Due to the high operation speed of the doors the required indoor microclimate is well preserved even during high intensity usage. The possibility of regulating the opening/closing speed of the doors in a broad range permits to fine tune their working according to the requirements.

The door leaf design does not have rigid elements, which provides their operational safety. The doors possess a function of "self-restoring" if the door leaf drops out of its tracks, for example, in case of a blow by the loader, the system of automatic "Restore" returns the leaf into its tracks during the next cycle.

The framework and all casings are made of aluminum alloy. The design modularity allows an easy replacement of separate door elements.



Features:

User Friendly

Both sides of the doors are fitted with optical protection switches. The door automatically return back if the infra red beam is broken/blocked.

Controls

Integrated PLC with inverter



Motors:

High speed motor reducers 0.75-2.2 KW according to the size of the door. Manual override in case of power failure.

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RAPID ROLL-UP / FOLD-UP DOORS

Door Construction

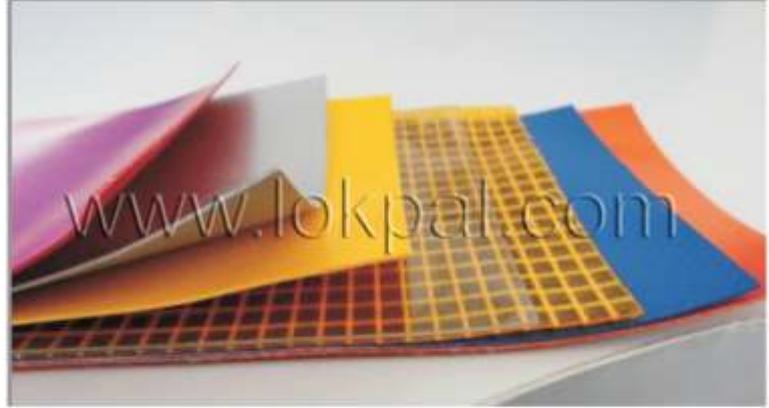
Frame: 2mm thick cold rolled steel sheets.

Cross Bar: Aluminium Lath

Curtain: High density Ryan Polyester fabric
Thickness 0.8 mm- 1.5 mm

Color Yellow, Blue, white, orange, Red

Window: Transparent PVC (Rectangular, round, oval shapes available)



Command Options

- Radar Sensor
- Pulling rope (Hand)
- Remote control
- Magnetic loop
- Push Button



Safety

Photo electric Sensor: These are installed on the side tracks and immediately stop the door in case any obstruction is sensed.

Safety edge Bottom: As soon as the bottom edge sensor of a sending door comes in contact with any obstruction the safety edge bottom sensor automatically sends the door back in reverse.



Emergency Stop: An emergency stop button is fitted on the control panel to execute an emergency stop whenever required.

Technical Details

Power Supply:	Single phase:	220v,	Three phase:	415v	Power consumption:	max 250w
Opening & closing speed:	0.7-1.7m/s (optionally different opening speeds on request)					
Opening & closing frequency:	1000-1500 cycles/day					
Wind load: 20 m/s						

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INDUSTRIAL OVERHEAD SECTIONAL DOOR

The **LOKPAL** Industrial overhead sectional door has many features such as heat insulation, wind proof, easy and convenient to operate, and good security.

They are widely used in workshops, Warehouses, and high headroom buildings.



Features:

Controls: These can be controlled by manual pull chain, remote controls, push buttons, radar sensors magnetic loops or infrared sensors.

Safety: Rope break and spring break safely devices are fitted to the equipment to prevent the door from falling suddenly in case of the unlikely event of a wire rope or spring break.



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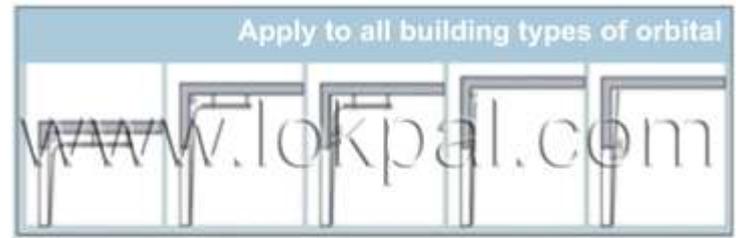
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INDUSTRIAL OVERHEAD SECTIONAL DOOR

High quality material, good heat preservation effects. The door panel is made of high quality galvanized steel with foam inside. Insulation materials with durable, Sound insulation and good thermal insulation. The surface is sprayed to effectively prevent corrosion.

HULK Industrial door are specially installed with anti prying device to protect the doors.



Control Systems: Our door panels, motors, and control system are integrated as one unit, it is safe reliable and convenient to operate, and it can be operated manually during power failure.



Sealing: High quality seal material ensures the doors are perfectly sealed, and there is no heat loss.

Wicket Door & Inspection Window: All doors can be filled with Crystal Inspection Windows for good lighting, and view. Wicket doors can be provided as well, to avoid opening the full door when not required.

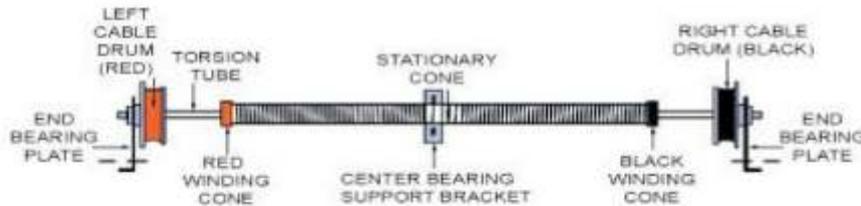
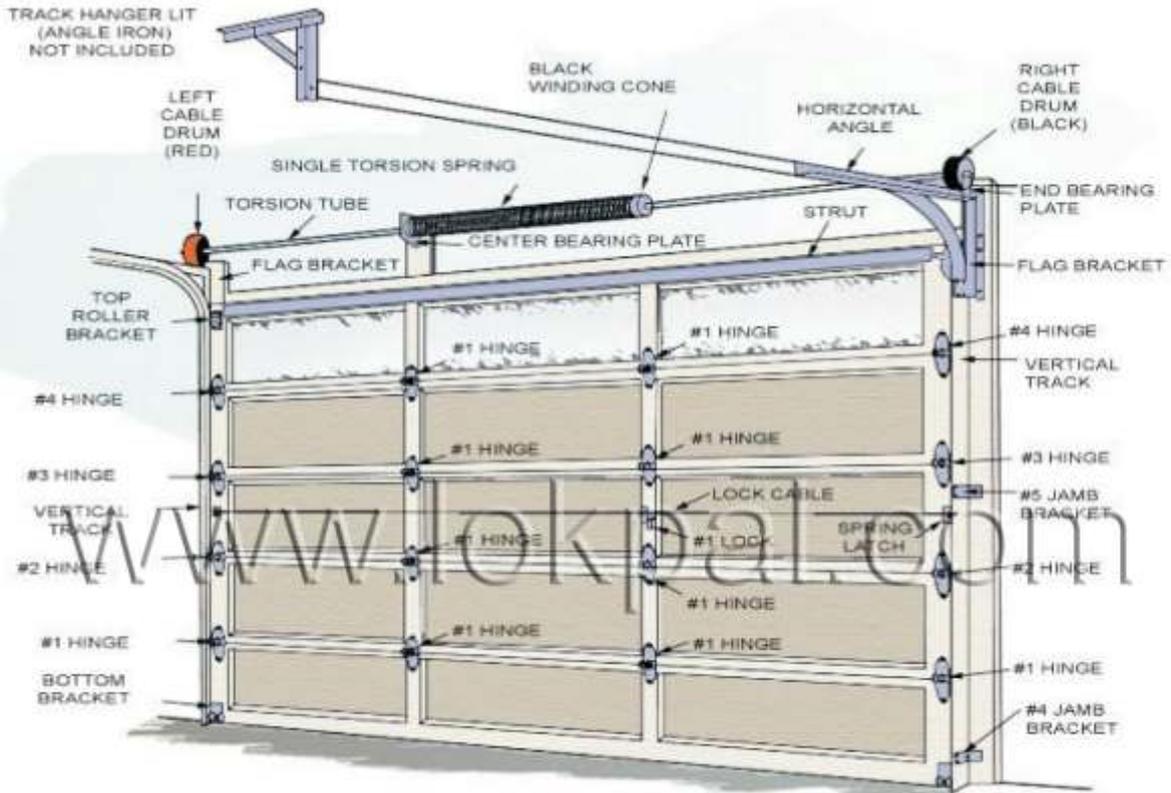


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INDUSTRIAL OVERHEAD SECTIONAL DOOR

DIAGRAM



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Technical Specifications of Overhead Industrial Sectional Door

1. Door construction:

- # **Door panel material** : Double Layered sprayed galvanized steel Sheets with PU foam Insulation,
- # **door panel thickness** : 4cm
- # **Appearance** : Humanized design, anti-pinch, and beautiful appearance.
- # **Color** : The default color is white, but other colors are also available.

2. Open way with standard configuration:

- # **Remote** : Includes two remote controls per set.
- # **Push Button** # **Pull chain**

3. Drive System:

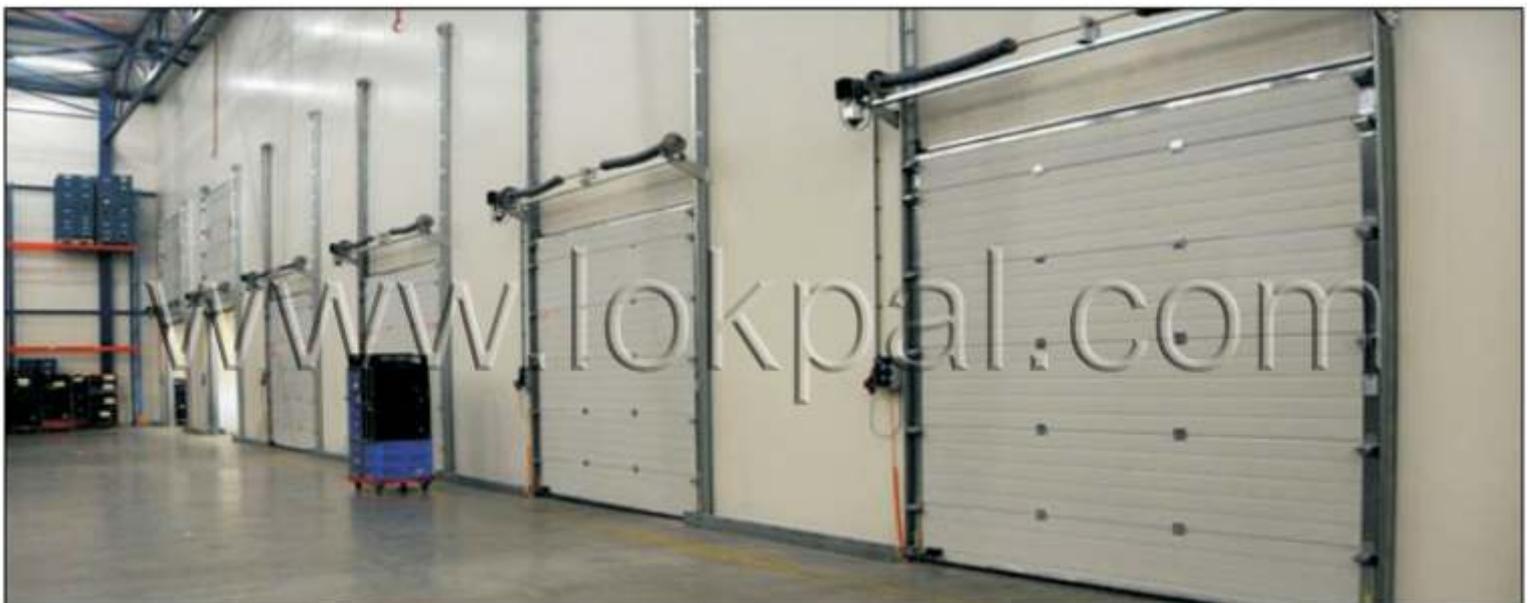
Motor	SEW or Equivalent
Power supply	220V/415V
Current	20A
Output	60Nm
Output speed	1400rpm
Protection	Ip55



4. Advantages:

- # **Door Frame** : Galvanized and sprayed steel, it is beautiful and durable.
- # **Seal** : Our High Speed Doors are fitted with perfect seal brushes on all four sides of the track, making them dust proof, heat insulated, wind resistant and sound proof.
- # **Safety** : Airbag automatic security protection system: The door will stop or bounce back if it encounter an Obstruction
- # **Fall Prevention device**: It prevents the door falling down in the event of wire rope's breaking or broken spring.
- # **Collision column** : There are two collision columns on the both sides for protect from vehicles hitting the door.

- 5. **Small windows** : We can design small windows or door in the door, which make the door usage convenient .
- 6. **Insulated with Polyurethane** : PU Foam Have Good Thermal Insulation for 40mm
- 7. **Panel Structure** : Wood Grain Surface.
- 8. **Working operation** : #Motor Operates 220VAC, if power Failure can operate with chain
Inbuilt Gear Box Assembly
- 9. **Heat transfer coefficient (U)** : 1.0 W/m² K
- 10. **Heat resistance of the Panel** : 1.484m² K/W
- 11. **Sound Insulation Value of The Panel** : 26DB



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