

Osool International Company

Electronic Gates Presentation

About The Company

- The company was first established in 2004, and one of our activities is working in Electronic gates, with all its kinds and sizes and also all the services linked to it.
- What makes us special is, the company have a very wide range of choices which suits all types of entrances, in addition to the high quality products and services, through highly trained staff .
- Within a very short period of time the company was able to execute a lot of successful projects, that qualified the company to be customer's number one choice .



Osool International Co.

Motors Types

OsooL offers a wide range of motors types and choices, that suits different types of doors and entrances, and as well suits different usages (Homes, Companies, Factories, Corporations, parking, and public gardens)

Motors include the following systems:

- Cantilever Gates System.
- Electronic Barriers.
- Sliding Gates Motors.
- Swing Gate Motors.
- Garage Doors & Motors.

Cantilever System

- Osool presents a New system, works to move sliding doors and gates, the system is **Frameless & Trackless.**

- The main attribute of this system is, easy movement and it isolates the door from the negative effect of the door touching the ground .

- The system has no upper frame, therefore, there is no limitations on heights to pass the gate.

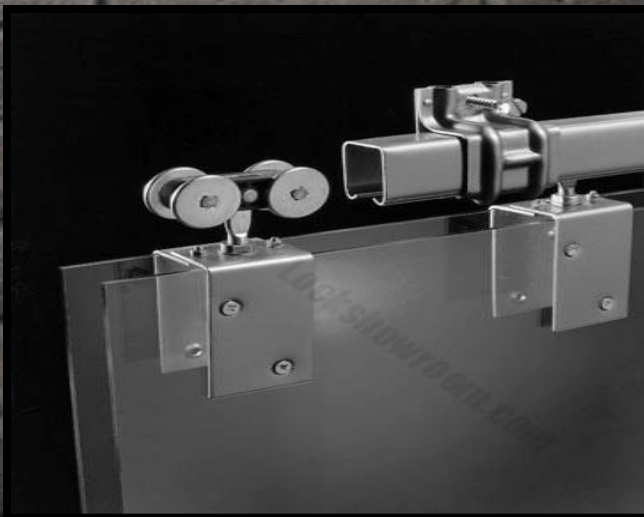


Cantilever System Types

1. Ground Cantilever:

This type is used for sliding doors regardless of its usages (Home, Companies, Factories..etc)

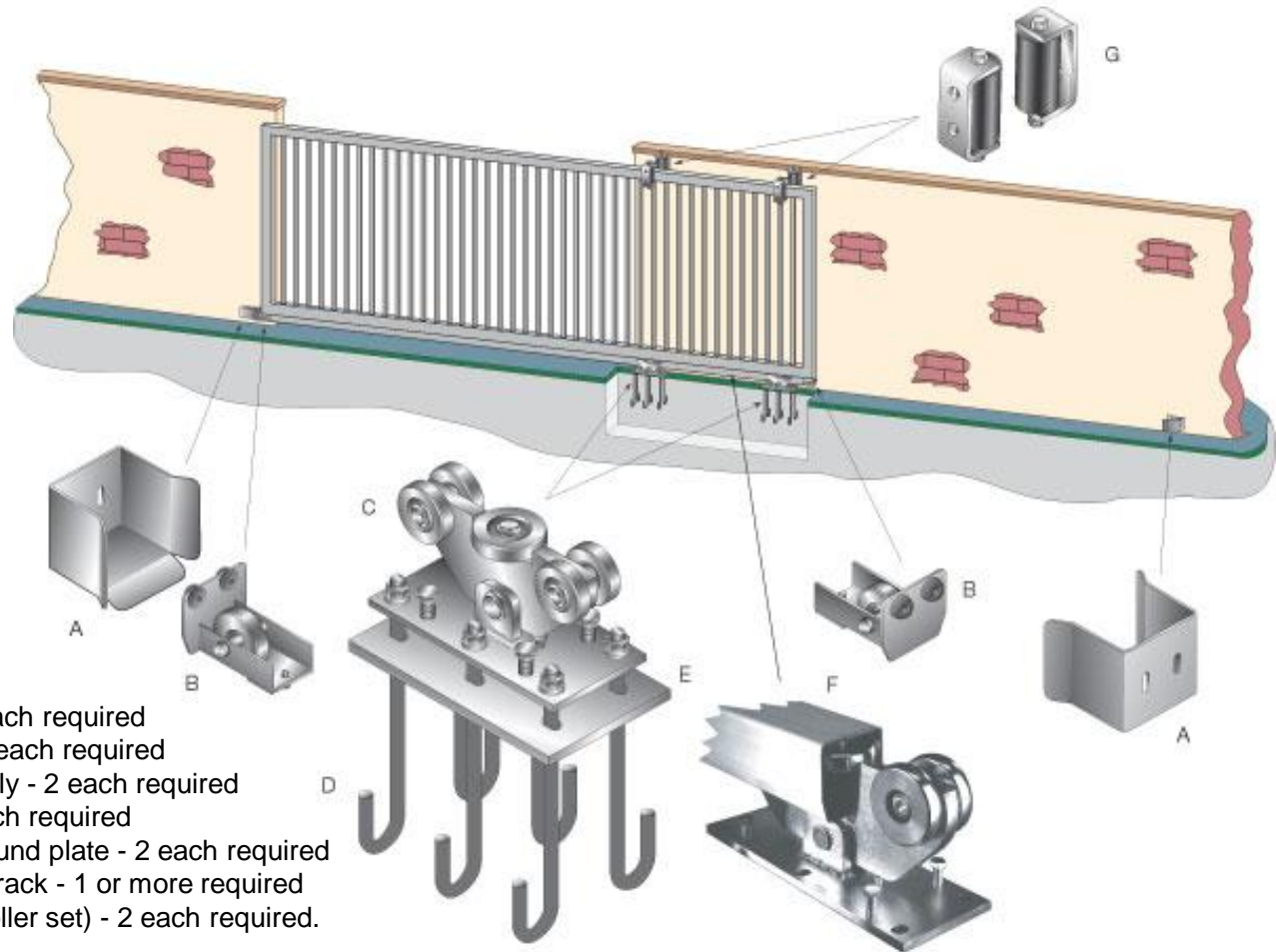
Osool provides three different sizes (small medium and large) to suit your case.



2. Suspended Cantilever:

This system is used for warehouses gates that is hinged from the top to sustain the easiest movement.

Cantilever system - Illustration Photo



- A. Receiver cup - 2 each required
- B. End wheel cap - 2 each required
- C. Cantilever gate trolley - 2 each required
- D. Hook bolts - 12 each required
- E. (optional) trolley ground plate - 2 each required
- F. Cantilever bottom track - 1 or more required
- G. BFC type II (o.h. roller set) - 2 each required.

Cantilever System Specifications

Ground Cantilever

ITEM	DETAIL
Gate weight	100 Kg – 1500 Kg
Gate Length (working area)	2 meters – 15 meters

Accessories

- End stop
- Guide wheel
- Gate hook-lock



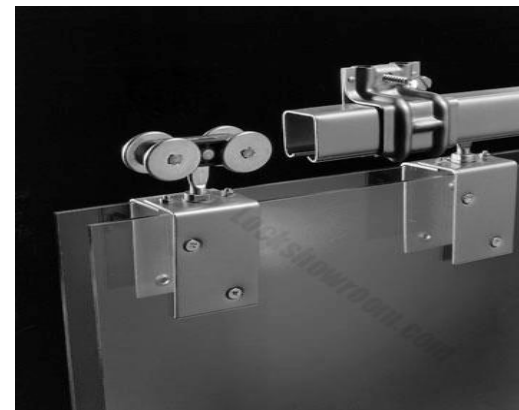
Cantilever System Specifications

Suspended Cantilever

ITEM	DETAIL
Gate weight	30 Kg – 500 Kg
Gate Length (working area)	1 meters – 5 meters

Accessories

- End stop
- Guide wheel
- Gate hook-lock





Osool International Co.
شركة أصول العالمية

Success Stories

Cantilever System

Cofftea Factory



Figure shows ground cantilever fixing

Cofftea Factory



Residential – House Gate



Electronic Barriers

- OsooL offers a high quality Electronic Barriers, high workability with wide range of technical specifications.
- Types we provide works efficiently under the current environment conditions.
- One Barrier can operate with large number of remotes, up to **400** remote per barrier, and the barrier can also be operated using different methods (upon request).



Types of Electronic Barriers

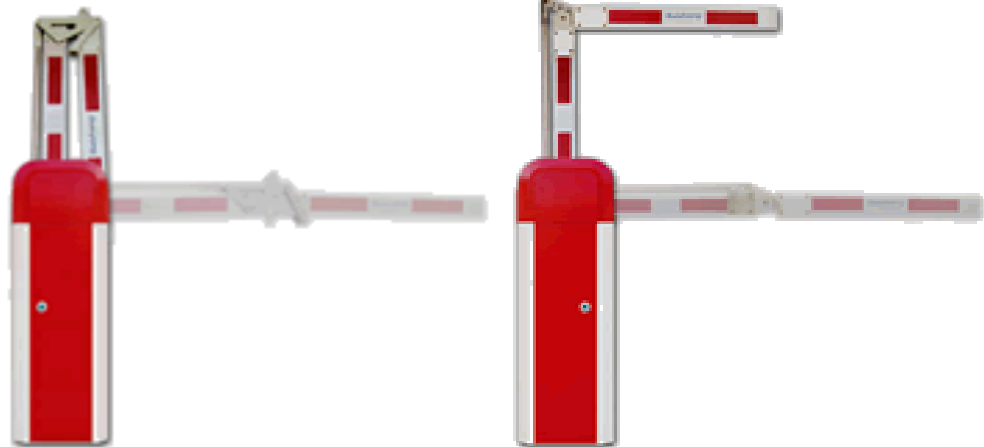
- Straight Boom Barrier:

The electronic barrier is used to restrict and organize the access of the cars to a parking or a building, the length of this barrier reaches 6 meters and we can provide more than 6 upon request.



- Folding/Telescopic Boom Barrier:

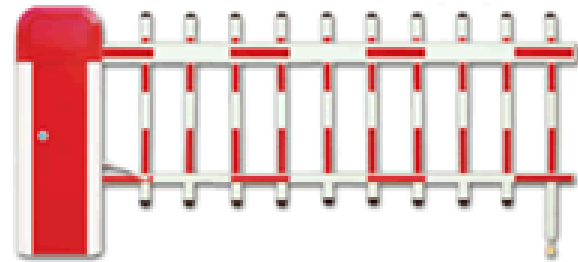
The type of barrier is used where there is restriction on the roof height.



Types of Electronic Barriers

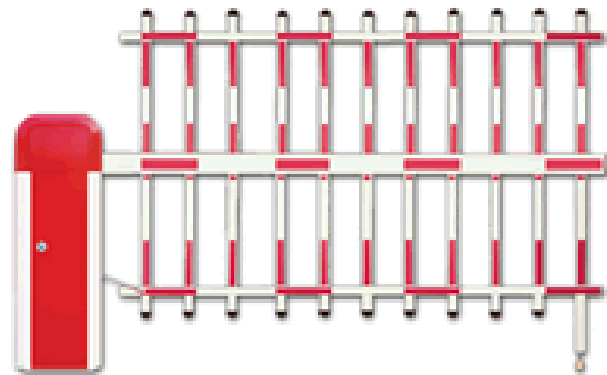
- Single Decking Barrier:

this type is used not only to restrict individuals and pedestrian entry but also it keeps your property safe of entry of any animal that can pass beneath the boom.



- Double Decking Barrier:

This type makes sure your property totally safe of any access from the beneath or above the boom.



Boom length in both types is 5 meters max.

Technical Information

Electronic Barriers Specifications

ITEM	DETAIL
Max. boom length	2 – 6 meter (more than 6 by request)
Opening time	1,5 – 6 seconds (depend on boom length)
Power supply	24 V , 230 V 400 V
Power absorbed	0.3 A to 1.2 A
Actuator weight	35 Kg up to 150 Kg
Protection grade	44, 54, 55 IP
Operating temperature suggested	-10 up to +55
Cycles / Day	600 – 2000 cycle



Osool International Co.
شركة أصول العالمية

Success Stories

Barriers

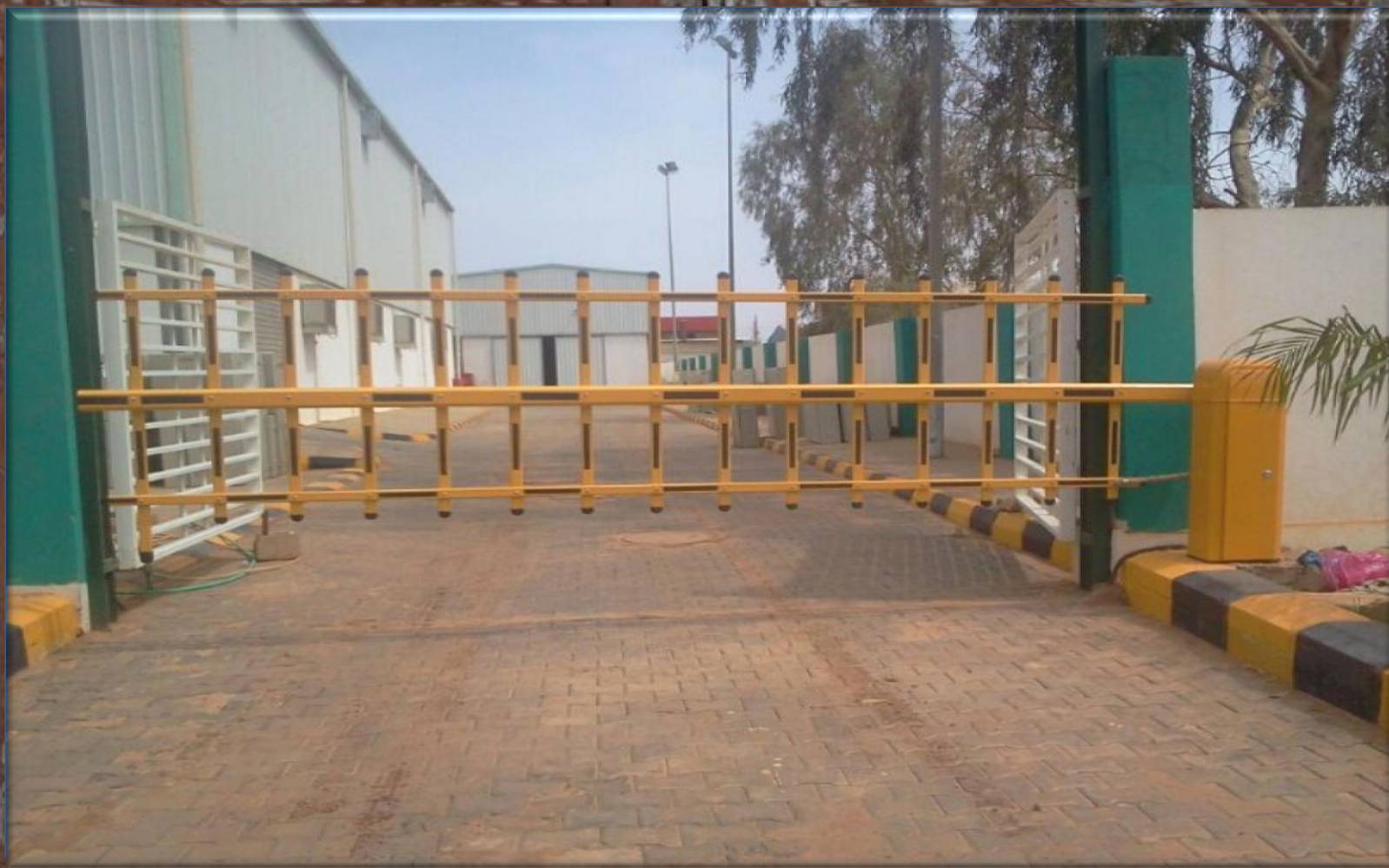
ARAAK Residential complex



UMST university / Mamoon



NEC – Khartoum North Office



NEC – Khartoum North Office



CTC



CTC



PortSudan Port



PortSudan Port



Sliding Gates Motors

- OsooL Presents this modern system used to move sliding doors automatically and easily.
- The main advantage of this system is, it can be easily installed and very simple to use, which makes it suitable for different usages, setups and situations.
- Moreover the system is very luxurious and safe which makes it work perfectly, with all the system accessories available.



Technical Information

Sliding Gate Operator Specifications

ITEM	DETAIL
Gate weight	400 – 6000 Kg
Power supply	24 V, 230 V, 400 V
Power absorbed	1.5 – 6.9 A
Opening time	16 cm/s – 35 cm/s

Accessories

- Remote control
- Flash light
- Limit switch
- Photocell
- Antenna
- Backup battery





Osool International Co.

شركة أصول العالمية

Success Stories

Sliding Gates Motors

Ministry Of Interior



Residential – House Gate



Residential – House Gate



Swing Gates Motors

- OsooL presents this modern system used to move hinged doors (double swing doors) automatically and easily.
- The main advantage of this system is it can be easily installed and very simple to use, which makes it suitable for different usages, setups and situations.
- Moreover the system is very luxurious and safe which makes it work perfectly, with all the system accessories available.



Technical Information

Swing Gate Operator Specifications

ITEM	DETAIL
Gate weight per leaf	Max 100 – 500 Kg
Gate width per leaf	Max 5m
Power supply	24 V, 230 V
Power absorbed	0.36 – 3.72 A
Opening time	13 – 26 seconds

Accessories

- Limit switch
- Remote control
- Flash light
- Photocell
- Antenna
- Backup battery





Osool International Co.
شركة أصول العالمية

Success Stories

Swing Gate Motor

illustration Photo

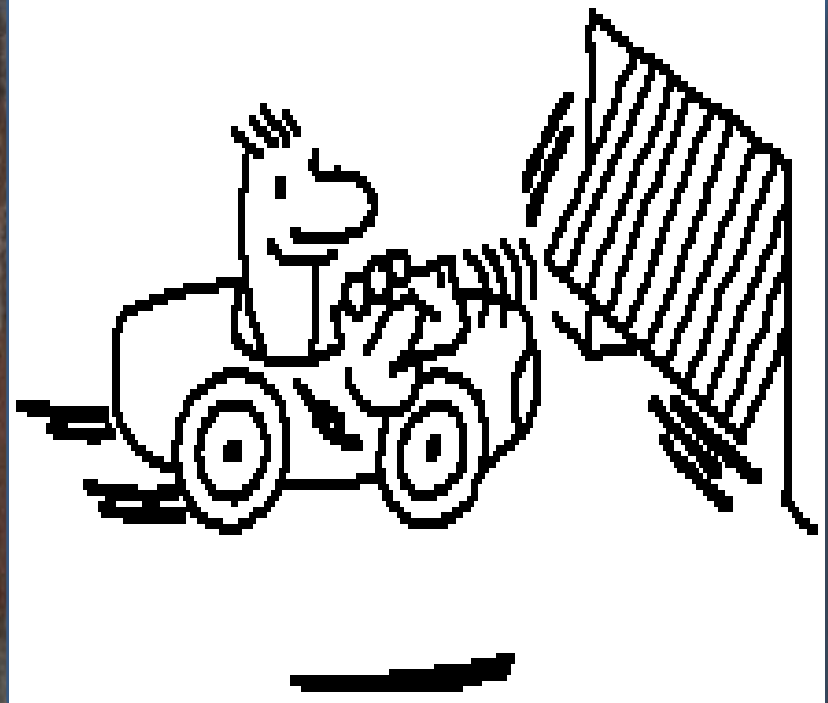


Residential – House Gate



Garage Doors & Motors

- New system works to pull Garage doors, either roller or sectional.
- The system moves easily and the total area inside the garage can be utilized to the maximum.
- The system is very safe and guarantees the smooth opening and closing of garage door, plus the wide range of choices of different types ,shapes and colors.



Sectional Garage Door

System Attributes:

1. Double skinned insulation.
2. Lip Seals On The Frame.
3. Frost-Proof floor seal.
4. Stainless steel floor base.



Garage Door Patterns

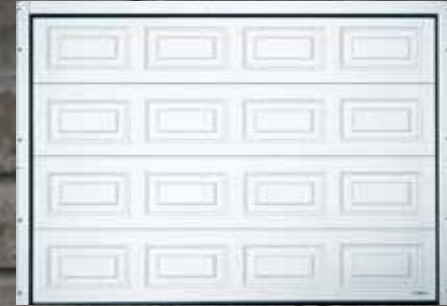


illustration Photo



Technical Information

Accessories



- Remote control



- Photocell



- Limit switch



- Flash light

- Antenna, Backup battery, Magnetic loop, ... etc

Some of Our Precious Clients



CTC GROUP
Moving Forward



مجموعة سي تي سي
نسير قداماً

Kenana



كانة

مصدر أخضر متجدد للغذاء والطاقة
RENEWABLE GREEN SOURCE OF FOOD & ENERGY



كوفتي
COFFTEA

ولاية الخرطوم

KHARTOUM STATE



Thank You



Osool International Co.
شركة أصول العالمية