

Engineering, efficient and affordable solutions



ATC
African Trade & Contracting.

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ATC
African Trade & Contracting.

Automatic doors solutions

Automatic **doors** solutions



Over the past decade **African Trade & Contracting (ATC)** emerged as one of respected general contracting firms in Egypt

In the area of **Industrial doors and parking system**, we have proven our ability to take on large, complex projects to complete them on time, on budget, at the highest levels of quality

Our growing reputation for excellence and responsiveness is not an accident. It is a natural consequence of the values that have guided our company since its founding. These include an energetic enthusiasm for what we do. Sensitivity to the needs of our customers.

A willingness to accept total responsibility and a craftsman like pride in knowing that what we build will last for generations. While some in our industry might find these attitudes are old-fashioned, we believe that is the main reason for businesses, organizations and architects through our region place their confidence, and their trust, in **ATC**.

In 2003 by **Eng. Hany Mahmoud**, founded African Trade Company is located in Egypt.

Since we began operations, we have contracted for many projects in industrial doors throughout our geographic region which includes all areas in **Egypt & East Africa**.

Our major Clients



Rapid doors
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Sectional doors
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Hermetic doors
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Parking systems
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Rapid doors

A complete range of products for any type of service.

Applications

■ Industrial high performance doors, food and beverage industry, Medical industry, chemical industry, clean rooms, Logistics, Hypermarkets.

Food industry



Pharmaceutical industry



Logistics



Retail & Hyper market



■ Freezing areas with special curtain with slide rail heaters.



■ Explosion proof For rooms with overpressure and vacuum.



Features

- Sealing, clean, environmental control, cost saving, low maintenance, flexible for a very heavy use.
- Self-Repairing (Safety is no accident).
- Opening speed up to 3 meters per second.
- wind-pressure for wind up to class 3.
- Transparent The large window sections available on many models of doors.
- High levels of safety.
- Sequential safety barriers.
- Sturdy and tireless motor, for continuous use, tests up to 1,000,000 cycles. Self-ventilated.



Special applications

■ **ATC** washable rapid door for the food sector is ideal when hygiene and practicality are the most important prerogatives.



■ The flexible PVC door curtain can be printed with large pictures of your products.



■ Horizontal High-Speed Rolling Door compact technology.



■ Emergency exit facilitating the exit in case of emergency in an easy way the curtain can be ready again for the normal operation.



Sectional doors

An ideal choice for applications that demand the highest levels of thermal efficiency, air infiltration and wind load resistance.

ATC sectional door is made up of 40 and 80 mm thick steel sandwich panels. They have excellent thermal insulation, therefore, offers a good solution for heated warehouse and storage areas and shipping and receiving docks.

Industrial sectional doors



The energy-saving , noise insulation, low temperature.



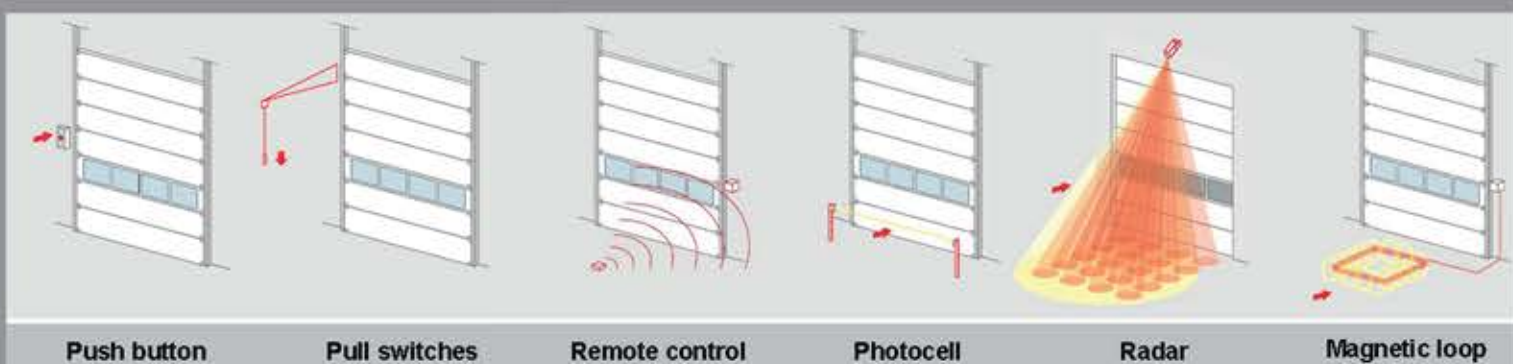
Suitable for loading areas & receiving docks



Features

- ▶ High quality steel slats, 40 mm or 80 mm thickness.
- ▶ Available up to widths of 8 m
- ▶ Double-skinned, PU foam core
- ▶ Modern high-tech look
- ▶ Less expensive than coated doors, but with the same high robustness and long life cycle
- ▶ Extremely low value of just 0.58 W/m²k for a 5x5 m installed door.
- ▶ Storm proof: Resistance to high wind loads up to class 4 (= 144 km/h).
- ▶ Stylish designs.
- ▶ Optionally with glazing.
- ▶ Also available as a high-speed version.
- ▶ Various hardware to suit every architecture.
- ▶ Quick and easy installation thanks to prefabricated assemblies.

Access control solutions



High thermal insulating doors

Best solutions for cold stores and warehouses for food storage.



High **THERMAL INSULATING** industrial sectional doors have a door leaf thickness of 80 mm. Hence they are the first choice in all sectors that require high-quality thermal separation, such as e.g. cold stores and warehouses for food storage.

Highly insulating PU hard foam

Surface:

- Outside without bead, micro-profiled, inside horizontally lined and stucco-designed.
- Optional: outside and inside horizontally lined and stucco-designed.
- As standard in grey white (similar to RAL 9002), optionally also in all RAL colours.



Styling:
horizontally lined
stucco

Sectional garage doors

With safety, design, and comfort.



Available colours and finishes



Industrial Roll up doors

Automatic version , motorized is available

ATC roll up doors with **side motor** best solutions for industrial sector.



Made from **steel** and **Aluminium**, single or double skin slats, safety in use, sound insulation, heat insulation, resistance to wind and heavy duty use.

Slats types



Single Slats



Perforated Slats



Double skin Slats



Double skin with vision



Emergency hand crank

Emergency hand chain

Emergency Operation

NEW Aluminum High-speed roller door

Time and energy savings

- ▶ opening speed of up to 550 mm/sec With max.
- ▶ Dimensions of 6000 x 8000 mm.



Fire rated roll up doors

Suitable for industrial building, warehouse and other applications. Meet the requirements of local building code and international fire code. Underwriters Laboratories (**UL**) and **FM** Approved. Fire rated up to 3 hours.



Specifications

- ▶ **Fire Doors** offer state-of-the-art fire protection with "Easy-Reset" or "Auto-Reset" chain, crank and motor operators that automatically close the door without a loss of spring tension and eliminate the need for traditional mechanical re-set.
- ▶ **Insulated Fire Doors** combine fire protection properties with thermal insulation and sound control.
- ▶ **Counter Fire Doors** with more compact designs are available for smaller size openings and can be provided with a **Stainless Steel Sill**. Fire and counter fire doors can be rated up to 4-hours and are available with an S-Label as air leakage rated "**Smoke Doors**". Automatic closing can be activated by alarm or local detectors using a **Fire Door Alarm Release** with or without battery backup. **ATC** fire door products are classified by Underwriters Laboratories (UL), certified for Canada (c-UL), FM Approved.

Commercial Roll up doors

Suitable for hypermarkets , stores and garage doors.

Roller doors



ATC High Performance Commercial focuses high quality materials and standard safety features guarantee a smooth flow of traffic durability and long life throw using best quality in the market.

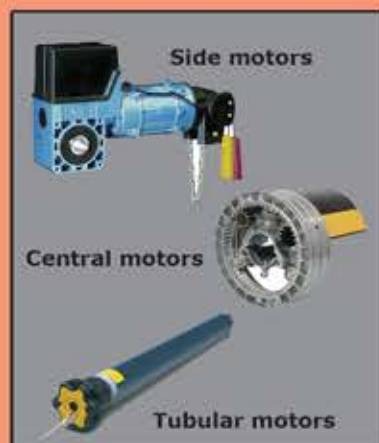
Specification

- ▶ single or double skin **steel** or **aluminum** slats and perforated.
- ▶ Span 1.0 m - 8.0 wide.
- ▶ Door Guide cold formed box section 2 mm thick equipped with Rubber gasket.
- ▶ Door axes consist of 60 mm pipe number of spring according to the door size.
- ▶ Our design confirm CE considering wind load
- ▶ Doors are operated electrically with central motors or side motors according to customer needs.
- ▶ Automatic version, motorized or manual operation.

Wide range of slats



Operation



Grille & Perforated



Polycarbonate aluminum roller doors

Best solutions for commercial storefronts, restaurants, banks, jewelry, stores, air port shops.

Security – safety - transparent - colorful design – elegant out look



Shutter doors

With tubular motor

shutter doors are installed in door openings to protect premises from break in and intrusion, sun, wind, rain, noise, excellent weather protection, thermal insulation, sunlight control, sound insulation and bright colors.

Control

- 1 Single phase motor
- 2 Receiver
- 3 Remove control 4 channel
- 4 Key switch (exterior)
- 5 Interior switch
- 6 Photo cells
- 7 Safety edge
- 8 Orange light

Docking solutions

Efficient, safe, controlled – at any time



Highest quality and safety for your logistics needs

New ideas and proven technology to save you money

ATC Docking Solutions are tried and tested, technically perfected, from a single source ensuring that your material movement results in added value. All our docking solutions are tailored to your individual requirements in the design process.

Hydraulic dock levellers with hinged lip



ATC Hydraulic Dock Levelers are designed to provide superior product value through prolonged, trouble free performance. Convenient push button activation and proven hydraulic technology increase the efficiency and safety of the loading / unloading process.

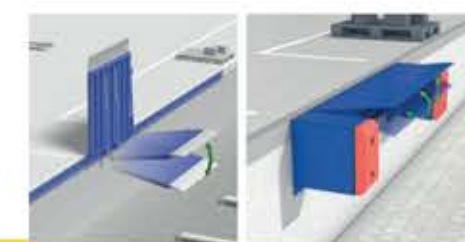
Hydraulic dock levellers with telescopic lip



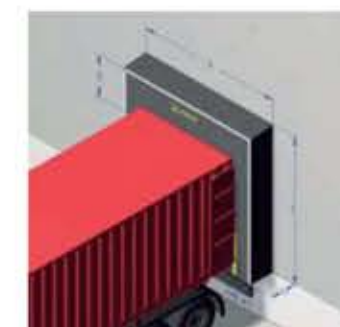
Hydraulic dock levelers in steel fram

Internal construction for plat form systems

Mechanical dock levellers



Dock Shelters solutions



ATC dock shelters are designed to always ensure the best possible thermal insulation and achieve energy savings while keeping the facility clean.

Thanks to the signaling system, truck approach operations to the loading bay are made easier, thus speeding up and making the loading and unloading manoeuvres more flexible.

The **ATC dock shelter** is formed by the perimeter structure that holds a set of canvases that adapt to the truck's bodywork.

The structure may be made in several materials, depending on the type of shelter : **retractable, fix, dock shelter levelled with façade, inflatable or cold store dock shelter.**

Loading Dock Lifts

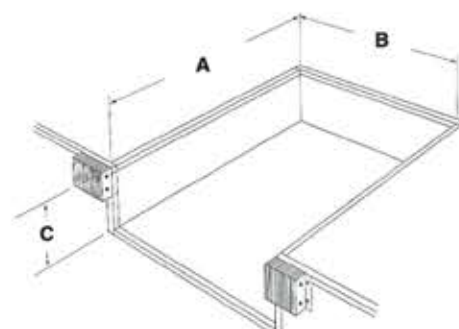
ATC dock lifts are the best solution for loading or offloading trucks for a ground level application.

Available in 4,000, 5,000, 6,000, 8,000, 15,000, 20,000, 25,000lb capacities.



Technical data

- Nominal load : (from 60 kN up to 100 Kn
- Nominal lengths A (mm) : (2000, 2500, 2750, 3000, 3500, 4000, 4500)
- Nominal widths B (mm) : (1750, 2000, 2100, 2250)
- Pit depths Pit depths C : reference to our design
- Power supply : 400 V/50 Hz/16 A



Hermetic sliding doors

Hospital / healthcare environments

- Controlled atmosphere environments hospitals, clean rooms, clinics.
- Hermetic doors used by the health industry is not an option, but an essential requirement.
- Safe, reliable and certified.

ATC Automatic hermetic stainless steel sliding door



- Wing for sliding door made entirely of press-formed AISI 304 satin stainless steel in Scotch Brite finish, 60 mm thick, featuring a very wide radius and non-toxic silicon perimeter seals.
- The interior of the wing is reinforced with polyurethane foam. The frame is made of AISI 304 satin stainless steel in Scotch Brite finish to cover the ridge of the sliding doors.

ATC hermetic HPL laminate sliding door

- Wing for sliding door consisting of rounded extruded aluminium frame and panel. Wing thickness 60mm with non-toxic silicon perimeter seals. The external profile is perfectly flush fitting and sealed with non-toxic silicon.
- The internal panel consists of a sandwich of two HPL laminate plates, plus two 5 mm thick MDF class 1 fireproof panels and an extruded high-density selfextinguishing polyester sheet.
- The panel can be surfaced with melamine laminate in Scotch Brite finish.

Technical features

- Maximum opening and closing speed 1.0 m/s (2 wings) or 0.5 m/s (1 wing).
- Product dimensions 150 x 300 x L.
- Maximum capacity 200 kg (1 wing) or 200 kg (2 wings).
- Release for manual opening with a handle.
- Insulation class class 1.
- Power supply 230 V~ / 50-60 Hz.
- Release for manual opening with a handle.

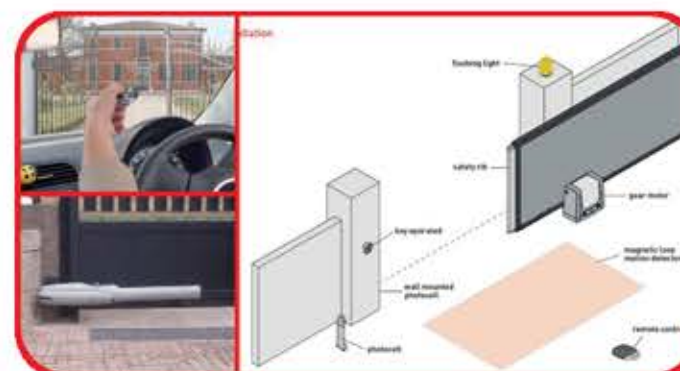


Other Application for doors

ATC automatic doors a sign of distinction. Comfort, safety, prestige, hygiene, appeal, access control and, in the case of air-conditioned areas, optimised energy consumption: these are just some of the advantages of having an automatic door outside as well as inside.



Automations for straight sliding doors



- Automation for **sliding gates** weight from 300 up to 3000 k.g
- Underground Automatic for **swing gates** weight up to 550 k.g
- Automation for **swing gates** weight up to 500 k.g

Automation for gates

ATC fire rated doors created to meet elevated technical requirements. Great selection of design for specific solutions.

- Single or double hengid fire rated doors.
- Stainless steel hengid doors.
- UL and BS certified.



Fire rated hollow metal door



Our products can be used in a variety of both public and private institutional installations where the need for blast- and pressure-resistant protection is required including:

- Chemical Plants
- Petrochemical Plants
- Pharmaceutical Manufacturing
- Nuclear Plants
- Research Facilities

Blast and pressure resistant doors

Parking Management solutions

ATC offers the best solution to parking problems on shopping centres, malls, Hotels, Fairs, Airports, Hotels & Hospitals .

Thanks to provide a range of parking solutions according to customer needs.



Parking Management Systems



Entry Units

(Ticket/card dispenser - Automatic Car Barriers - ANPR camera)

At the entrances of the parking lots there will be units of automatic ticketing for visitors. Each unit also has a card reader.

Payment station



Manual

Automatic
Pay on Foot Machine
(Cash, Credit or Debit cards)



Exit Units

(Ticket validtor - Automatic Car Barriers - ANPR camera)

Exit devices are installed at the exits of the parking facilities, and receive the tickets and the cards of the permanent customers.

ATC Park Guidance System



- ① **Out door OCCUPANCY SIGN**
Signs show parking space availability by level.
- ② **In door OCCUPANCY SIGN**
Signs show parking space availability by level.
- ③ **Zone OCCUPANCY SIGN**
Signs show parking space availability by zone.
- ④ **Space OCCUPANCY LED**
LED indicators indicate the occupancy status of each space via color coding.
- ⑤ **Monitoring software**
 - Real time monitoring of the park spaces.
 - Easy and simple Management and control from the Central Unit.
 - Complete daily-to-yearly statistics, graphics and other powerful Management tools.



ANPR Car Parking Management systems

- The opportunities to embed **ANPR technology** into car park management systems provides visitors with a secure and efficient service whilst providing operators with the best return on their investment through increased charge enforcement.

Applications for ANPR technology with car parking facilities :

- Parking automation and parking security,
- Ticket-less parking fee management,
- Parking access automation,
- Vehicle location guidance,
- Car theft prevention,
- "Lost ticket" fraud,
- Fraud by changing tickets,
- Simplified,
- Partially or fully automated payment process,
- Among many others.

