



# Alfagr

الفجر

لمعدات الوقاية والسلامة

For Protection & Safety Equipments Enterprise

**YOUR SAFETY IS OUR PRIORITY**  
COMPANY PROFILE 2022-2023



0183798615 - 0183494970 - 0911760594



KHARTOUM, SUDAN - KHARTOUM 2



[WWW.ALfagrsafety.COM](http://WWW.ALfagrsafety.COM)

# YOUR SAFETY IS OUR PRIORITY

Alfagr for protection & safety equipment was established in 1991 as a private enterprise located in Khartoum, Sudan.

\*It is providing integrated solutions that consolidate the effectiveness of working in different / several fields ; providing safety and emergence services are among them.



Alfagr for protection & safety equipment is considered one of the leading institutions in the field of the safety and emergence equipment for many years , the quality of work has been built and is being improved over years to be the perfect aid for the civilians .

**30** years of  
safety.

## **Co-operation** between Alfagr for protection & safety equipment enterprises and Sudanese Police Forces and Civil Defense :

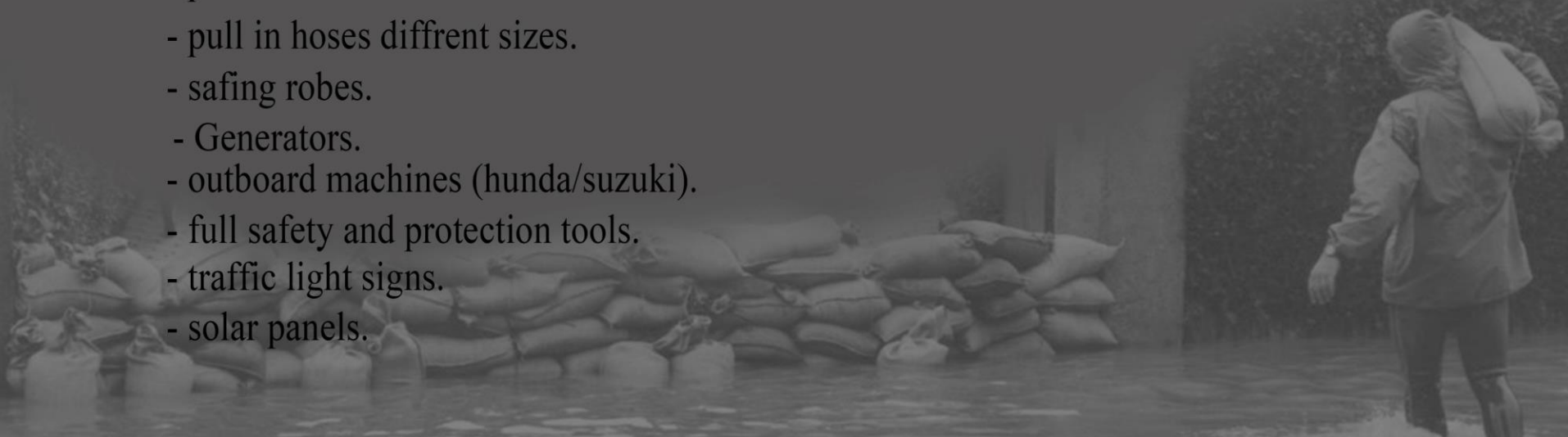
The work between Alfagr for protection & safety equipment as a specialized partner and Police Forces & Civil Defense take in control of whatever damages left by the crisis, floods and environmental disasters using new supplying equipment that assist in the processes of saving and safety and protecting the Sudanese civilians in different parts of the country.

The need of the civil defense during fall season emergence processes has been granted even though the quality exceeded what has been already mentioned in the tenders, Alfagr for protection and safety equipment was more than ready to grant emerging needs during the entire period of fall season and after the season.

## What has been done by Alfagr over past years :

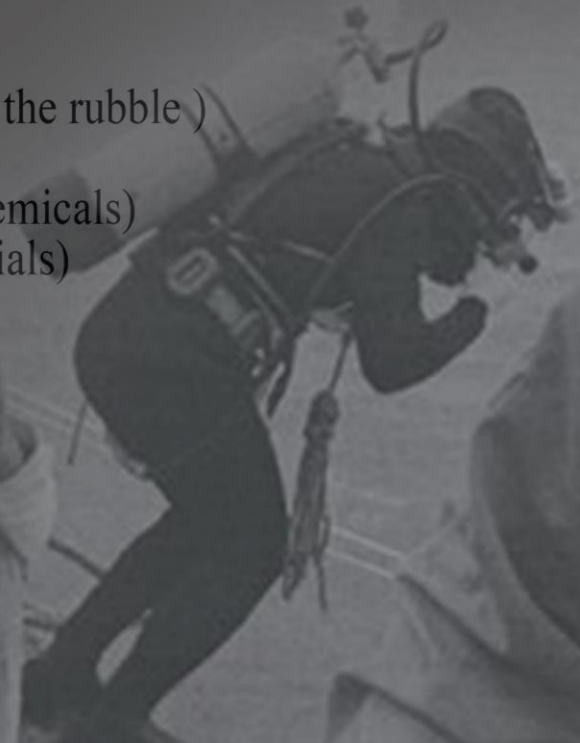
Working with police and civil defense forces, AlFajr supplies safety and protection equipment as :

- Tents of different sizes (4\*4) (6\*4) (6\*8) .
- Plastic tarpaulins in two sizes (3\*4) and (6\*4).
- Burlap ( in 2008 emergency exceeded the amount of burlap to 1,700,000 burlap).
- Pull pumps ( 4 inches ) and ( 3 inches ).
- Drilling aids.
- Complete diving suit.
- pull out hoses different sizes.
- pull in hoses different sizes.
- safety robes.
- Generators.
- outboard machines (honda/suzuki).
- full safety and protection tools.
- traffic light signs.
- solar panels.





- reflective jacket
- front glass helmet
- foam AFFF 3% .
- Throwing Cartridge Hose/ (6) inches
- Throwing Cartridge Hose/ (4) inches
- Throwing Fire Cartridge Hose(extinguisher)/ (2.5) inches
- Operations Full Suit
- Approach Operation Full Suit
- Approach Operation Full Suit
- Multi - Filter Mask
- Fireman Protective Shoes
- Tozelk Rubber Shoes
- SCUBA diving kit-underwater self-breathing ki
- Ultrasound Search Device to search for Survivors
- Thermal Search Cameras (searching for missing people under the rubble )
- Underwater Objects Detector
- Detection devices and equipment / Mobile detection units (chemicals)
- Radiation detection devices and equipment (radioactive materials)
- Smoke Extraction Unit
- Decontamination Kit
- Electric Gloves 11000-20000 Volts
- Protective Gloves for Firefighter
- Chemical Gloves
- Thermal Gloves
- Mortuary Bags



- 25000-liter Plastic Mobile Water Tanks
- 50000-liter Plastic Mobile Water Tanks
- Single foldable Bed
- Foldable Chair
- Special specification wear (full wear set, one-time use)
- Light Operations Wear(Suit)
- 3 - Stone Manual Battery
- Flashlight that works with the helmet
- Airbags of Different Capacitie
- Portable Single Ladders - Rope Ladders – Double
- Portable Double Ladders
- Ordinary Ropes
- Pulley Rope
- Different Rope Pulley
- Hook
- Scissors of different sizes
- Disc Saw, Diameter 30 cm
- Chain Saw 45 cm
- Sliding Tubes with Landing Platform





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Tents of different sizes ( 4\*4 ) ( 6\*8 ) ( 6\*4 )



### specifications :

- \* Tents covered with cotton tarpaulin weight of 450 square meters. Attached with it guys and metal pegs in addition to a hammer.
- \* Tents come packed in a polyethylene bag.
- \* Made of cotton linoleum treated against fungus and against water and back to ignition.
- \* Main menu and wall lists of metal.
- \* Made in Pakistan of the finest natural and sustainable materials.
- \* SGS test is done to evaluate and control the quality of manufactured tents.





## Burlap bags



\* Alfagr was able to provide more than 600,000 Burlap Bags in the past years for flood protection and crop mobilization.

\* Alfagr has got workshops to manufacture burlap sacks in sizes (70 \* 70 and 100 \* 70) at a rate of 5000 burlap bags per year.



● Reflective Jacket



**SPECIFICATIONS:**

- \* 100% glossy polyester lime for high visibility
- \* Reflective stripes and extra protection.
- \* Size: from S to 5XL.

● Front- glass helmet

**SPECIFICATIONS:**

- \* Designed and approved according to AS TO NFPA 1971 - 2007 certification.
- \* Comes complete with earmuffs (including limited neck protection), one plexiglas face guard and edges of helmet.





● Throwing Cartridge Hose/ (6) inches



**SPECIFICATIONS:**

- \* Code: British.
- \* Material: Three layers (plastic + thread (net) + rubber).
- \* Diameter: (6) inches.
- \* Lap Length: (150) meters.

● Throwing Cartridge Hose/ (4) inches

**SPECIFICATIONS:**

- \* Code: British.
- \* Material: Three layers (plastic + thread (net) + rubber).
- \* Diameter: (4) inches.
- \* Lap Length: (150) meters.





● **Throwing Fire Cartridge Hose(extinguisher)/ (2.5) inches**



**SPECIFICATIONS:**

- \* Cartridge made of synthetic fabric lined with non-corrosive, non-fouling, abrasion-resistant rubber.
- \* Diameter: (2.5) inches.
- \* Lap Length: (30) meters, (75) feet.

● **Operations Full Suit**

**SPECIFICATIONS:**

- \* Insulation lining (stitched aramid wool and viscose), Weatherproof.
- \* Performance Level: 2(X2 Y2 Z2).





## Approach Operation Full Suit



### SPECIFICATIONS:

- \* Material Gramick and tin.
- \* One-piece wear, adjustable in size, Accessory parts: Head guard plus gloves for hands and feet.

## Multi - Filter Mask

### SPECIFICATIONS:

- \* 2 pieces (mask + filter).
- \* Filter Type: Sulfur dioxide, mercury fumes, ammonia and particulate matter.







## Fireman Protective Shoes



### SPECIFICATIONS:

\* Designed and approved according to “EN 15090 firefighter shoes”.



## Tozelk Rubber Shoes

### SPECIFICATIONS:

\* Material of Manufacturing: PVC.





## SCUBA diving kit-underwater self-breathing kit

Mask



Regulators



Drysuit



BCD



Cylinder



Fins



Weight Belt



### SPECIFICATIONS:

- \* The equipment complies with EN or any other equivalent specifications.
- \* Wetsuit with thickness 5 mm.
- \* cylinder (100) Cubic feet of air (high pressure).
- \* Regulators: INT and Octopus.
- \*Fins (double): sizes of M, L, XL, XXL.
- \* The knife: Stainless Steel Line Cutter.
- \* PC: Dive Computer Smart.



## ● Oxygen Cylinder Filling Device :

- Code: British .
- Operating Pressure: 300 bar .
- Filling Time: 80 liters per minute .
- Noise Level: medium .
- Operating System: Electricity + Petrol (Benzine).
- Packing & Filling: 2 cylinders at the same time .



## ● Self-contained breathing apparatus (open circuit) :

- Device weight  $\geq 8$  kg .
- Cylinder capacity: 6 liters .
- Filling pressure :300 bar .
- Check pressure :450 bar .
- The amount of air flowing from the whistle is :2 liters / minute .
- The power of the sound coming from the whistle is :95 decibels .
- Operating time: not less than (30) minutes.



## Underwater Breathing Apparatus :

- Scuba Heavy Duty 1 Liter
- Oxygen Cylinder Set with Inflator, Pressure Gauge.  
Stainless steel material, waterproof, corrosion resistance, high hardness, durable, pressure resistance. When inflating, the pressure should not exceed 3000 psi or 200 bar.
- Painted with silicone material, safe and odorless, ergonomic design.
- The surface is sprayed with high pressure gas storage technology, durable.
- Corrosion resistant in sea water.
- Barometer with light function, 80 meters underwater.





## Lifebuoy Ring :

- The outer hard shell is fabricated from high-density polyethylene while the inner part filling is made out of polyurethane foam.
- Two standard sizes – 24” or 30” diameter life ring.



## Life Jacket :

- User's chest girth :Max. 175 cm.
- User's weight :43 kg – 140 kg.
- Mean freeboard: 130 mm.
- Actual Buoyancy: 160N. Reflective tape: 400 cm<sup>2</sup> SOLAS 3M reflective tape.
- Waist Buckle: Heavy Duty plastic buckle.
- Accessories :Lifting loop, releasable buoyant line, ISO 12402-8 whistle, available straps to attach a lifejacket light



● Ultrasound Search Device to search for Survivors



**SPECIFICATIONS:**

- \* Country of Origin: Canada.
- \* Detection depth: 2-30 meters.
- \* Network range: 75 meters
- \* Operating System: Windows/Android.

● Thermal Search Cameras (searching for missing people under the rubble).

**SPECIFICATIONS:**

- \* Country of Origin: European Union.
- \* Max altitude: 9000 feet.
- \* Speed: 55 mph.
- \* Flying time: 25 minutes.





● Underwater Objects Detector



**SPECIFICATIONS:**

- \* Specifications: Canadian.
- \* Material: pressed aluminum, carbon fiber and steel.
- \* Battery runtime: 3-6 hours.

● Detection devices and equipment / Mobile detection units (chemicals)

**SPECIFICATIONS:**

- \* Model: KERBER-T.
- \* Detectable Materials: explosives - drugs - dangerous chemicals - chemical weapons factors - low volatility organic materials.





**Radiation detection devices and equipment (radioactive materials)**



**SPECIFICATIONS:**

\* Model: KERBER-T.

\* Specification: EN 50081-1.

**Smoke Extraction Unit**

**SPECIFICATIONS:**

\* Air outlet diameter: 400mm.

\* Air flow rate: 23.9 cubic meters per hour.

\*Fuel: petrol (Benzine).





● **Hydraulic Cutting Device :**

- Code: British.
- Motor: fuel-operated.
- Operating pressure: 700 bar.
- Machine grade: ATO/MTO.
- Weight: 76 kg.







## Electric Gloves 11000-20000 Volts



### SPECIFICATIONS:

- \* Waterproof, oily sealant, and also high-temperature sealant.
- \* European standard.



## Protective Gloves for Firefighter

### SPECIFICATIONS:

- \* Designed and certified according to: EN 659
- \* European standards .







## Chemical Gloves



### SPECIFICATIONS:

- \* Code: EN 388 and EN 374
- \* Durability: hard work.
- \* Size: 7-11.



## Thermal Gloves

### SPECIFICATIONS:

- \* Code: EN 659:2003
- \* Temperature tolerance: 60°C
- \* Size: S, M, L, XL, XXL





**Mortuary Bags**



**SPECIFICATIONS:**

- \* Material affecting the manufacturing: plastic.
- \* Length: 170 cm and more.
- \* prevent odors and leakage

**25000-liter Plastic Mobile Water Tanks**

**SPECIFICATIONS:**

- \* Material affecting the manufacturing: plastic.
- \* Length: 170 cm and more.
- \* prevent odors and leakage





● 50000-liter Plastic Mobile Water Tanks



**SPECIFICATIONS:**

- \* not affected by sea water and oils and is anti-bacterial.
- \* connections are anti-rust material.
- \* Operating temperature: 0-50°C.

● Single foldable Bed

**SPECIFICATIONS:**

- \* aluminum alloy.
- \* Length: 180 cm.
- \* Width: 90 cm.



**EASY TO OPEN AND FOLDING**







## Foldable Chair



### SPECIFICATIONS:

- \* aluminum alloy.
- \* Floor: reinforced plastic.
- \* Back: Reinforced plastic back.
- \*foldable chair.



## Special specification wear (full wear set, one-time use)

### SPECIFICATIONS:

- \* Complete outfit includes: NBC MASK & FILTER and NBC OVER BOOT
- \* Material of Manufacturing: Selectivity-Permeable Fabric.







## Light Operations Wear(Suit)



### SPECIFICATIONS:

- \* Material: 30% polyester, 70% cotton.
- \* Complete outfit includes: NBC MASK & FILTER and NBC OVER BOOT.



## 3 - Stone Manual Battery

### SPECIFICATIONS:

- \* Material: Aluminum.
- \* Capacity: 3 WAT LED.
- \* Operating time: no less than 5 hours.





● **Flashlight that works with the helmet :**

- Illumination time: approx. 5h.
- Operating time: approx. 85h.
- Charging time: approx. 15h.
- Charging voltage: 230v AC 50/60hz 12/24v DC.
- EU Production .





## Empty First Aid Boxes of Different Sizes :



## First Aid Boxes of Different Sizes :

- Plasters in different sizes and shapes.
- Small, medium and large sterile gauze dressings.
- Sterile eye dressings.
- Crêpe rolled bandages.
- Safety pins.
- Disposable sterile gloves.
- Tweezers.
- Scissors.





● Flashlight that works with the helmet



180-degree angle adjustment range,  
enable to adjust direction of illumination

**SPECIFICATIONS:**

- \* Illumination time: approx. 5h.
- \* Operating time: approx. 85h.
- \* Charging time: approx. 15h.

● Airbags of Different Capacities

**SPECIFICATIONS:**

- \* Roof area: 46 m<sup>2</sup>.
- \* Maximum jump height: 30 meters.
- \* Manufacturing material: PVC.
- \* Dimensions: 6 \* 7.6 meters.
- \* Height: 2.75 meters.





● Portable Single Ladders - Rope Ladders – Double



**SPECIFICATIONS:**

- \* Effective Manufacturing Material: aluminum alloy.
- \* Minimum load: one person with 150 kg .

● Portable Double Ladders

**SPECIFICATIONS:**

- \* Effective Manufacturing Material: aluminum alloy.
- \* Minimum load: 2 persons with 216 kg.
- \* Length: 14 meters.
- \* Weight: 33 kg.





## Ordinary Ropes



### SPECIFICATIONS:

- \* Code: EN 354 + EN 353 -2.
- \* Diameter: 8 mm.
- \* Durability: 830 dan.
- \* Weight: 0.2 kg per meter.

## Pulley Rope

### SPECIFICATIONS:

- \* Material: Polymide.
- \* Diameter: 9 mm.
- \* Stamina (Durability): 50-150 dan 5%
- \* Strength of the rope: at least 15 kn.
- \* Weight: 3 kg.





● Scissors of different sizes



**SPECIFICATIONS:**

- \* Diameter: more than 10 mm.
- \* Length: 620 mm.
- \* Weight: 3.5 kg.

● Hook

**SPECIFICATIONS:**

- \* Handle: Made of hardwood, 900 mm long.
- \* Weight: 2.6 kg.



● Disc Saw, Diameter 30 cm

**SPECIFICATIONS:**

- \* Hoop diameter: 300mm
- \* Output power: 3.2 kW
- \* Displacement: 66.7 cm<sup>3</sup>
- \* Diameter: 675\*300\*375 mm
- \* Power Source: Electric





## Chain Saw 45 cm



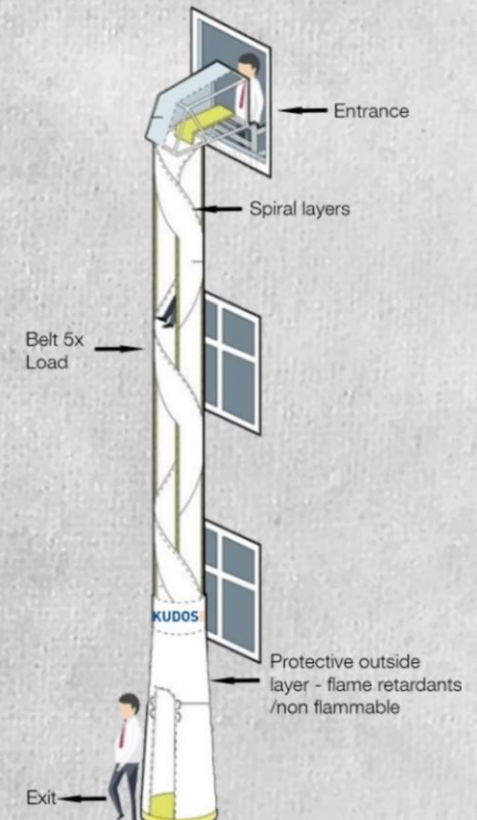
## SPECIFICATIONS:

- \* Cutter length: 45 cm
- \* Output power: 3.2 kW
- \* Capacity: 3.9 kW
- \* Power: 4.4 HP
- \* Power source: Petrol, Benzine

## Sliding Tubes with Landing Platform

### SPECIFICATIONS:

- \* Tube length: 90 meters
- \* Running time: 1 minute
- \* Evacuation time: 1-5 people per minute
- \* Weight: 1.5 kg per meter





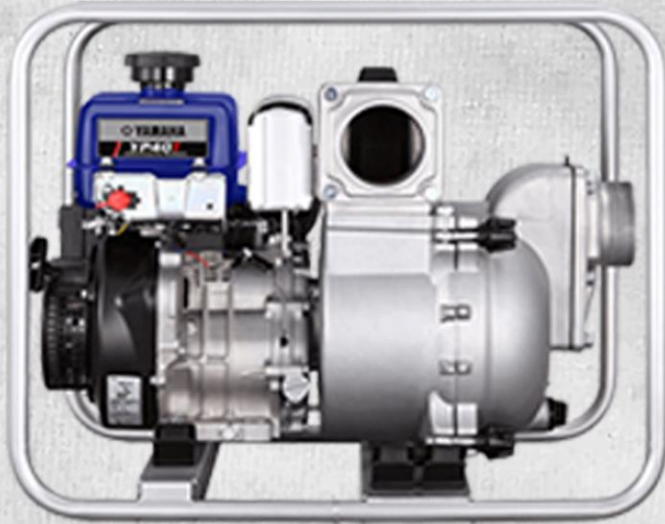
## ● Fiber Boats of Different Size :

- Length: starting from 6 meters to 10 meters.
- Width: starts from 1 meter to 2.5 meters .
- The number of fiber layers: no less than 5 layers.
- Color: white .
- Seating: two sofas on both sides of the boat.
- The presence of a sun canopy with navigation lights and front scouts .
- Command system: control box .






● **Outboard Machines & Pulling Pumps:**  
Yamaha - Suzuki - Robin - I power- Diesel





 water pump



- \* Engine: EY28D Japanese Robin Subaru engine.
- \* Engine power: 7.5 HP.
- \* Power: 5.5 KW.

**SPECIFICATIONS:**

- \* Water pump (4) inch: diesel-powered motor.
- \* Country of origin: Japan.
- \* Diameter of holes: (4) inch (BSS) (pull(drag) and throw).
- \* Connector(link): thread/squeeze(pressure).
- Cooling type: water / air.





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## ALFAJR FLASHLIGHT ( BESIBIA )

### ABOUT BESIBA :

BESIBA is al fajrs innovation that provides light in places where electricity is not reached, covering the largest possible area by controlling the appropriate height of the moving mast. It is a portable lighting solution for various uses and benefit from solar energy or the generator and adding it to the moving lighting tower.

places that it can be used in :

- Lighting small villages that do not have access to electricity, street lighting and open spaces.
- Lighting farms and empty desert places.
- Take advantage of it to light the cellular camps, camps, refugee and displaced camps.
- Lighting buildings during construction, using solar energy, and providing high electricity consumption.
- Illumination of military terminal sites, military exercises in the desert, and army reconnaissance.

**ALFAJR INNOVATIONS**





## BESIBIA ADVANTAGES

A portable lighting solution for various uses.

- Provides lower energy requirements.
- Ease of disassembly and installation.
- Ease of transportation to any place (by pulling the moving trailer with a cart).
- Vibration resistance due to the thickness of the iron used and to add a column to support the movable mast and four legs to install the base.
- A square base where you can put solar batteries or a generator.
- The presence of electrical outlets to connect electricity through it.
- Withstand all weathers and climatic conditions.

## ALFAJR INNOVATIONS





# Legal certificates and approved documents

1. General Commercial Registrar.
2. Management of commercial registrations.
3. Union of Chambers of Commerce.
4. Federation of Chambers of Commerce - Division of importers of security, safety and fire extinguishers.
5. National Trading Co. Ltd.
6. Certificate of practicing activity.
7. Commercial Registration Department.





## Police and Civil Defense Certificates of Achievement.







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