

# Products Catalog

**Metal Doors**  
**Lockers**  
**Storage Rack**  
**Stainless Steel Works**  
Stainless Basin  
Stainless Electric Supplies  
Stainless Ducting System  
Stainless Floor Drains  
Stainless Furniture  
Stainless Home Accessories  
**Cable Trays**  
**Electrical Enclosures**  
**Fire Cabinets**

# Our Services



## Metal Forming



### Bending Machine

Bend length up to 3 meter  
Bend thickness up to 8 mm



### Rolling Machine

Roll length up to 3 meter  
Roll thickness up to 10 mm

## Metal Cutting



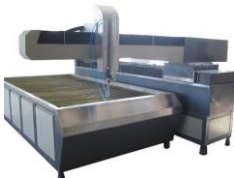
### Semi-Auto Saw Machine

Work area 460 x 650 mm  
Cut all structural steel sections



### Power Saw Machine

Ideal for cutting flat, round and square Structure shapes



### Waterjet Machine

Cut area 2.2x3.3 meter  
Cutting all materials



### Shear Machine

Cut length up to 3 meter  
Cut thickness up to 10 mm



### Punch Machine

Punch area up to 1.25x6 meter  
Cut thickness up to 5 mm

## Metal Welding



Available TIG -- MIG -- SMAW -- FCAW

# About Us



## OUR FACTORY IN 6<sup>TH</sup> OCTOBER

The highly competitive market along with the increasing demand for qualitative products and time schedule are the main challenges that have led to the formation of **AL-HAZEM Steel Factory** since our associates' common belief is that know-how and experience under a professional and internationally qualified Management structure have no other alternative than to meet and satisfy any market and Customer expectations.

Increasingly customers are looking for suppliers with a "one-stop solution" capability; also the post-delivery operation and maintenance support requirements are wider in scope.

In **AL-HAZEM Steel Factory** Small jobs have the same attention and care as large orders. Let us challenge your utmost expectations, you will never regret it!



Eng. Hazem Elsayed  
**CEO & FOUNDER**



**AL-HAZEM**  
Steel factory

ՀԻՍՏԵՄ ԷՍՏԲՈՒՆ  
ՍԻ-ՀԱՅԵՄ





# METAL DOORS & FRAMES

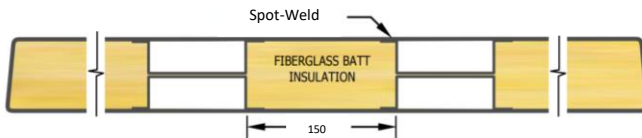
## Door Leaf

- Door leaf are to be manufactured using a 1.5mm thick of cold rolled steel sheet or galvanized steel as specified.
- Doors shall be full flush construction with a door thickness of 50mm.
- Doors shall be reinforced, stiffened, and isolated with vertical steel stiffeners spaced not more than 150mm apart.
- The stiffener ends are welded together at the top and bottom ends.
- All Spaces between stiffeners shall be isolated with 50 kg/m3 Rockwool insulation.



## Internal Core Insulation

- Door leaf are insulated using high-density fire-rated Rockwool or injected with polyurethane foam for heat insulation



## Glass Kit

- Installation of 6mm wired glass and it is fire-rated up to 90 min.



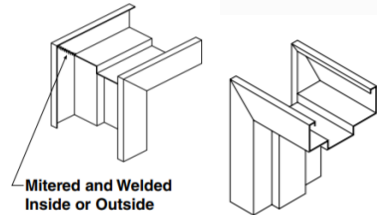
## Louver Frame

- Louver frames are constructed using 2mm steel with the required dimensions
- The louver blades can be welded to the frame and the entire assembly is generally fastened to the door with moldings



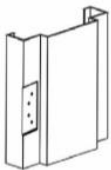
## Door Frames

- Frames are to be fabricated of either cold rolled steel sheet or galvanized steel as specified of 2mm thickness
- Frame corners are mitered and welded to improve the stiffness and durability of a metal frame
- Standard door jam depth 170mm
- Door frame shall be installed with 8 anchors, 4 per each side.
- Frame perimeter covered with a gasket to the sealing of gaps between door edges and the header

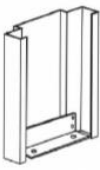


## Door Frames Types

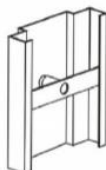
### FRAME ACCESSORIES



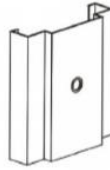
Hinge



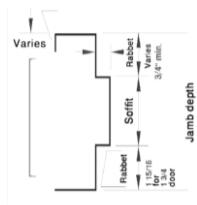
Welded in floor anchor



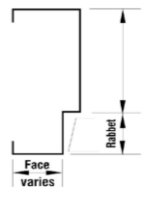
Anchor Support



Anchor

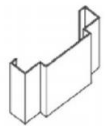
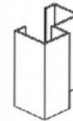


DOUBLE RABBET



SINGLE RABBET

### OTHER FRAMES PROFILE



Note:

Dimensions & Specification are international standards (Height, Width, Depth & Thickness) also available upon the request.

# Product Selection Guide

Building type	Frequency Of Use	Door Leaf Thickness			
		1	1.25	1.5	2
FACTORIES					
Entrance	High			<div></div>	<div></div>
Store Room	Moderate		<div></div>	<div></div>	
Office Room	Low		<div></div>	<div></div>	<div></div>
Stairwells	Low		<div></div>	<div></div>	
OFFICES-ADMINISTARTIVE BUILDINGS					
Entrance	High			<div></div>	<div></div>
Office room	Low		<div></div>	<div></div>	
Stairwells	Low		<div></div>	<div></div>	<div></div>
Equipment Rooms	Moderate			<div></div>	<div></div>
HOSPITALS					
Entrance	High			<div></div>	<div></div>
Patient Room	Moderate		<div></div>	<div></div>	
Stairwells	Moderate		<div></div>	<div></div>	
Kitchen	High		<div></div>	<div></div>	
Cafeteria	High	<div></div>	<div></div>		
HYPERMARKETS-STORES-RESTAURANTS					
Entrance	High			<div></div>	<div></div>
Store Rooms	Moderate		<div></div>	<div></div>	
Office Room	Low	<div></div>	<div></div>	<div></div>	
Stairwells	Low		<div></div>	<div></div>	
BANK-EMBASSIES-LABS-THE PHARMACY					
Entrance	High			<div></div>	<div></div>
Office room	Low	<div></div>	<div></div>	<div></div>	
Store Rooms	Moderate		<div></div>	<div></div>	<div></div>
Lock Rooms	Low			<div></div>	<div></div>



# Door Design



F



TL



LI



V



F

G



LL



Frame Thickness	Door Thickness	Special Conditions
2 mm	50 mm	Two Way Vision
2 mm	50 mm	
2 mm	50 mm	Privacy & Acoustics
2 mm	50 mm	Two Way Vision & Fire Label
2 mm	50 mm	Two Way Vision
2 mm	50 mm	Privacy & Acoustics
2 mm	50 mm	Two Way Vision & Fire Label
2 mm	50 mm	
2 mm	50 mm	Two Way Vision
2 mm	50 mm	Privacy & Acoustics
2 mm	50 mm	Two Way Vision & Fire Label
2 mm	50 mm	Two Way Vision
2 mm	50 mm	Two Way Vision
2 mm	50 mm	Two Way Vision
2 mm	50 mm	
2 mm	50 mm	Privacy & Acoustics
2 mm	50 mm	Two Way Vision & Fire Label
2 mm	50 mm	Two Way Vision
2 mm	50 mm	Privacy & Acoustics
2 mm	50 mm	
2 mm	50 mm	Two Way Vision Access Control System



VL



N



G



GL



FL



NL

## Hinge

- Door equipped with steel cylindrical hinge with a diameter of 22mm
- Hinges are welded & grinded smoothly to the door leaf and frame
- Door frame prepared with a 4mm steel thick hinge reinforcement
- UL Stainless steel hinge can be provided for fire-rated doors



## Panic Device

- Tesa push bar type panic device with a door handle to open the door from the outside



## Door Handel

- Stainless steel door handles



## Door Closer

- Door Closer size is selected according to the door weight



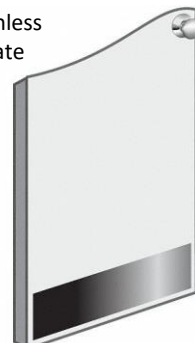
## Door Lock

- Cisa lock with a computer key



## Kick Plate

- 1.2mm stainless steel kickplate



# Painting System

## Electrostatic

### For Stainless Steel & Steel



- The Product is cleaned and prepared for a high-quality electrostatic painting as selected from RAL colors

## Painting Finish

### Gloss



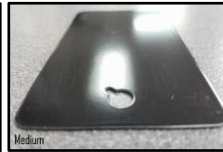
Matte

Matte



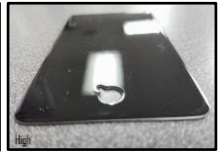
Satin

Satin



Medium

Medium Gloss



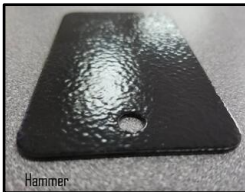
High

Full Gloss



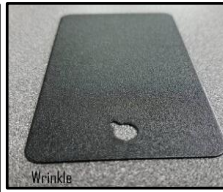
Sand

Sand Texture



Hammer

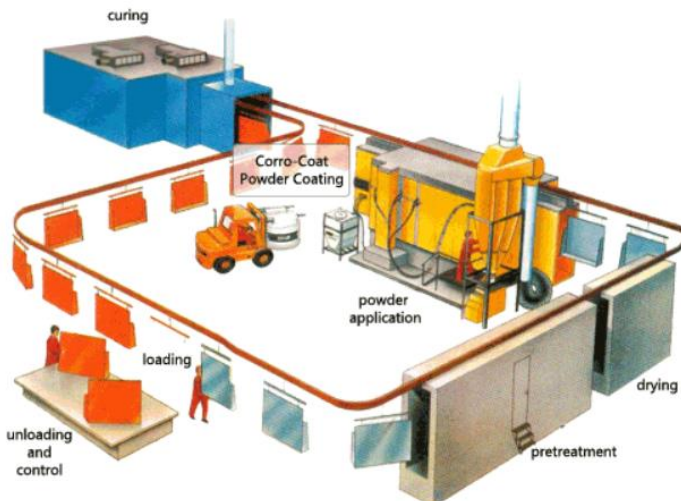
Hammer Texture



Wrinkle

Wrinkle Texture

### Textures





## Previous Projects





## Certifications



**NATIONAL RESEARCH CENTRE**  
TAHRIR St. DOKKI, CAIRO, EGYPT  
Central Unit For Analysis And  
Scientific Services ( CUASS )  
Material Test Lab.

### المركز القومي للبحوث

الدقى - القاهرة ، جمهورية مصر العربية  
وحدة التحاليل و الخدمات العلمية المركزية  
معمل اختبار المواد



ولقد أعطى لكم هذا التقرير بناء على طلبكم ممثلاً فقط نتائج اختبار الحريق لمدة ٩٠ دقيقة على عينة باب معدني مفصلي مكون من ضلفة واحدة مقاس ١٠×٢,٢٠م تخانة ٥سم ، والورادة من شركة آل - حازم للمقاولات ، ودون أدنى مسئولية تجاه قسم السيراميك والبلاستيك والمواد الصلبة بمعمل اختبار المواد بالمركز القومي للبحوث في تحديد و انتقاء العينات المرسله للاختبار علماً بأن نتائج هذا التقرير تمثل فقط العينات و لا تمثل أى حال من الاحوال أى نوعية مماثلة ومخزنة ومثونة بمواقع التطبيق والتنفيذ والاستخدام .  
ولا يجوز استخدام هذا التقرير في الدعاية والإعلان عن المنتج المختبر الا بعد الرجوع الى المركز القومي للبحوث والاتفاق على ذلك .

**مع ملاحظة ألا يتم نقل وتصوير هذا التقرير بما يشمله من نتائج إلا متكاملاً وموافقة مسبقة من قسم السيراميك والبلاستيك والمواد الصلبة بمعمل اختبار المواد بالمركز القومي للبحوث بالقاهرة**

رئيس مجلس إدارة وحدة الخدمات العلمية

والمشرف على معمل اختبار المواد

د. مصطفى زكي مصطفى





**AL-HAZEM**  
Steel factory

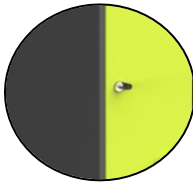
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# LOCKERS

## Standard Specifications



Lock With A Key  
And Lock Handle



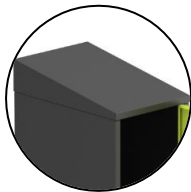
Ventilation Louver Cut

The lockers are constructed from welded mild steel and designed to withstand impact and robust usage with a quality powder coated finish.

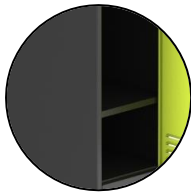
### Features

- **Size Modification:** Custom-sized lockers can be designed to suit specific uses.
- **Colors:** individual units and even individual doors can be custom painted to different colors.
- **Door Configurations:** A wide range of doors is available to suit any storage demands.

## Optional Specifications



- **SLOPING TOP:** Recommended where the user may leave items on top of lockers.



- **INNER SHELF:** A small shelf inside the locker unit to separate items

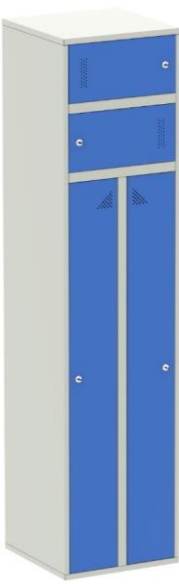


- **FIXED STAND:** Stands are the perfect way to raise your locker off the floor for hygiene purposes



# Equipment Locker

Designed to store specific items of clothing and protection for personnel on duty



The locker is fitted with a top shelf and a central divider, with four fixed shelves on the right-hand side. Available with flat or sloping tops in various sizes

Locker to be used where space is at a premium, offering storage for two people in the same locker. Each person has a hanging compartment and a small locker compartment with paired locks allowing each person total privacy and security

Designed to allow high visibility whilst retaining the door strength. The vision acrylic panel is available in 50mm wide or 90mm wide.

**HIGHT: 1800mm**

Width mm	Depth mm
375	450
400	525

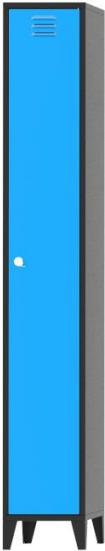
**HIGHT: 1800mm**

Width mm	Depth mm
400	400
525	525
600	600

**HIGHT: 1800mm**

Width mm	Depth mm
300	300
375	375
450	450

# Locker Dimensions



1

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	525



2

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450



3

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450



4

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450

The 1-tier door Hight 1708 mm Internal fittings include a shelf at 350 mm down from the top

Each 2-tier door is 853 mm in height

Each 3-tier door is 568 mm in height

Each 4-tier door is 425 mm in height

# Locker Dimensions



5

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	525



6

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450



7

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450



8

TIER  
LOCKERS

HIGHT:1800 mm

Width mm	Depth mm
225	300
300	375
375	450
450	450

Each 5-tier door is  
340 mm in height

Each 6-tier door is  
282 mm in height

Each 7-tier door is  
262 mm in height

Each 8-tier door is  
212 mm in height

# Stainless Steel Locker

The rich appearance and durable surface of **304 stainless steel** lockers make them the perfect locker solution for areas prone to rust and sanitation concerns and ideal for the food industry, pool areas, indoor and outdoor.



## Up To Request

- A Sloping Top
- A Bar For Hangers
- Adjustable Feet For Uneven Floor
- Additional Shelf

## Options



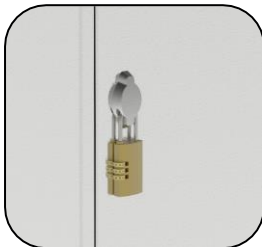
Card Holder



Pull Handle



Ventilation Holes

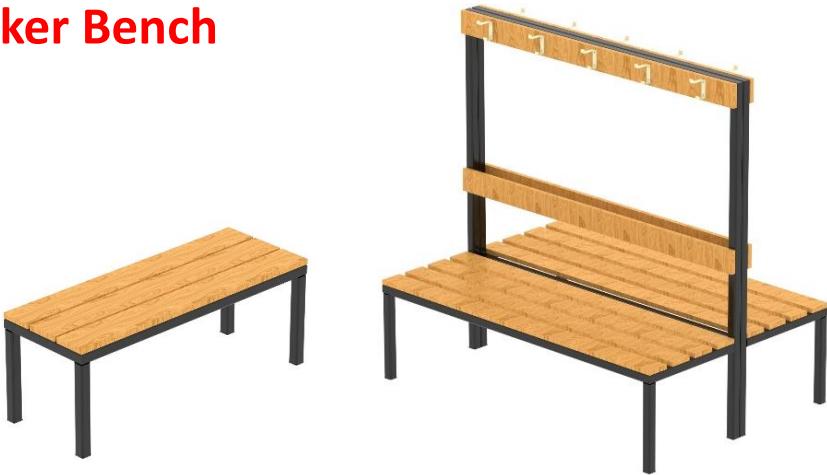


Padlock With  
Combinational  
Lock



Lock With A Key  
And Handle For  
Lock

## Locker Bench



- Benches are available in either a 40 x 40 mm heavy-duty square tube or with a 25x50 mm frame bench seat. All options are available in the colour range, With ASH slats.
- The stand seat raises the locker 400mm off the floor with an overall Height of 1700 mm.
- Stands are available for all lockers in a range of colors and sizes.

## Filing Cabinets & Storage Cabinets

- Save time on looking for paperwork. Storage units and cabinets keep it all under control, with different sizes and styles to match your decor.



Small Cabinet  
With Drawer



Cabinet With  
Sliding Door



High Cabinet  
With Drawer



Cabinet With Doors  
And Drawers

# Painting System

## Electrostatic

### For Stainless Steel & Steel



- The Product is cleaned and prepared for a high-quality electrostatic painting as selected from RAL colors

## Painting Finish

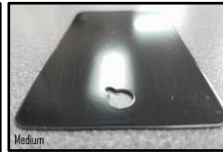
### Gloss



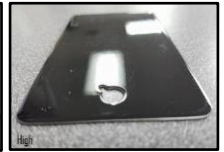
Matte



Satin



Medium



High

Matte

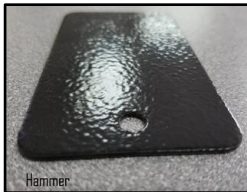
Satin

Medium Gloss

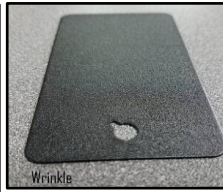
Full Gloss



Sand



Hammer



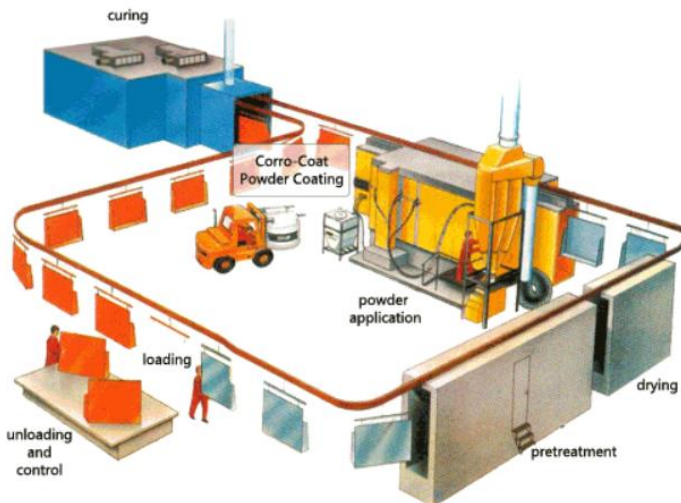
Wrinkle

Sand Texture

Hammer Texture

Wrinkle Texture

### Textures





## PREVIOUS PROJECTS





**AL-HAZEM**  
**Steel factory**

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**ՍԻ-ՀԱՅԵՄ**







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# STORAGE RACKS

# Rack Specifications

## Light Duty Shelving

Light-duty racks are ideal for storing files or products that are not so heavy. They are low-cost and very versatile. Common applications of light-duty shelving include storing stationery and office supplies, electronics, apparel and spare parts. **AI-HAZEM** light-duty racks have adjustable shelves, which means they can accommodate products of different heights. Depending on your storage needs, we customize the racking to suit the heights, widths and depths of your application

## Features

- Each Shelf Can Hold From 80 Kg Up To 150 Kg
- Adjustable Shelves
- Uprights Manufactured From 2 Mm Steel
- Available In Different Heights, Depths and Colors
- Electrostatically Painted



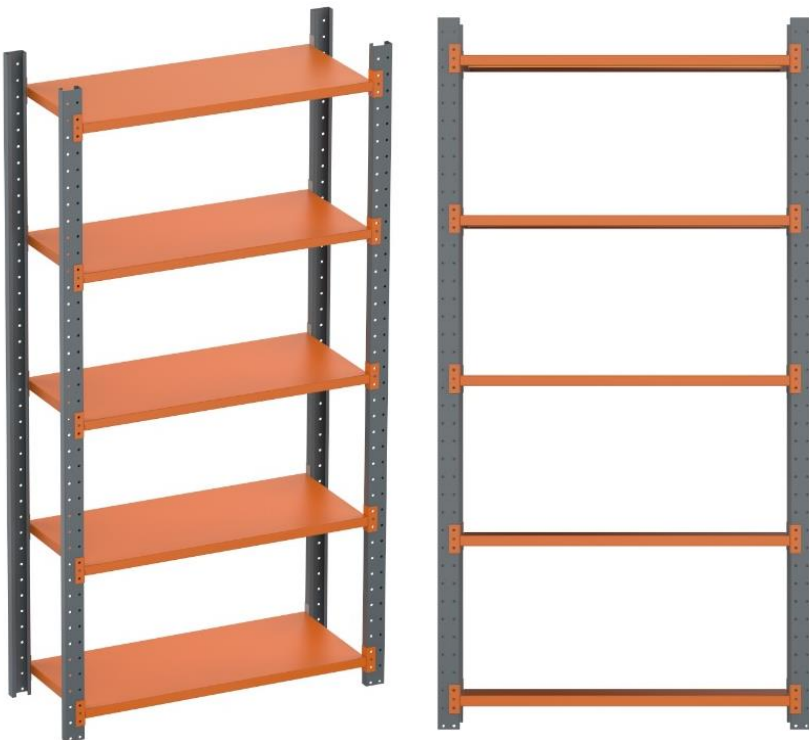
# Rack Specifications

## Medium Duty Shelving

Medium-duty racks are the ideal choice for storing raw materials or slightly heavy products. They are extremely robust and reliable. Common applications of medium-duty shelving include storing heavy cartons, heavy plastic boxes, crates and finished products. **AI-HAZEM** medium-duty racks have adjustable shelves, which means they can accommodate products of different heights. Depending on your storage needs, we customize the racking to suit your application's heights, widths and depths.

## Features

- Each Shelf Can Hold From 300 Kg Up To 600 Kg
- Adjustable Shelves
- Uprights Manufactured From 1.8 – 2.5 Mm Steel
- Available In Different Heights, Widths, Depths and Colors
- Electrostatically Painted



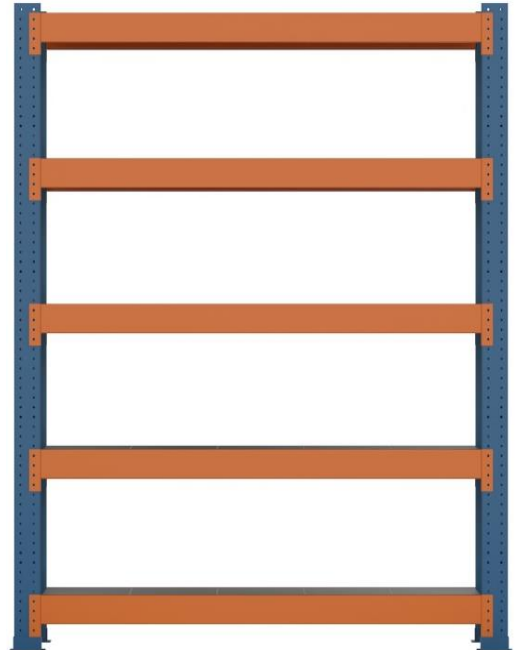
# Rack Specifications

## Heavy Duty Shelving

Heavy-duty racks are ideal for storing raw materials or tools in factories, garages and warehouses. It is the strongest shelving option and the most robust. Common applications of heavy-duty shelving include storing heavy pallets and heavy parts used in industrial applications. **AL-HAZEM** heavy-duty racks have adjustable shelves, which means they can accommodate products of different heights. Depending on your storage needs, we customize the racking to suit your application's heights, widths and depths.

## Features

- Each Layer Can Hold From 800 Kg Up To 5000 Kg
- Adjustable Shelves
- Uprights Manufactured From 1.8 – 2.5 Mm Steel
- Available In Different Heights, Widths, Depths and Colors
- Electrostatically Painted



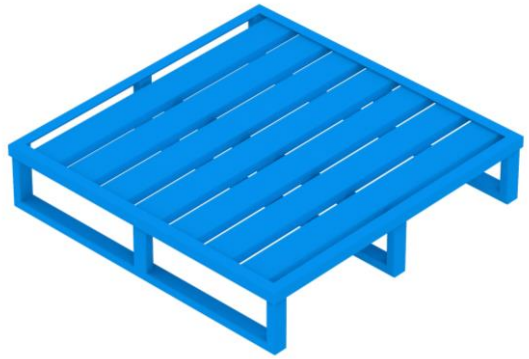
## Metal Stand

### Steel Pallet

Has a high load capacity of 1000 KG/unit. it is an ideal replacement for traditional wooden pallets and plastic pallets. it is proper for fork man and easy to access.

Size (L\*W) mm: 1000\*1000

**It can be customized according to load capacity and size.**



## Workbench table

Constructed from a highly rigid steel angle frame with wooden boards and back panel perforated steel sheet. Load capacity 150 Kg/shelf.

**Any other specifications upon request.**



# Painting System

## Electrostatic

### For Stainless Steel & Steel



- The Product is cleaned and prepared for a high-quality electrostatic painting as selected from RAL colors

## Painting Finish

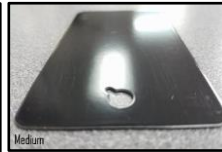
### Gloss



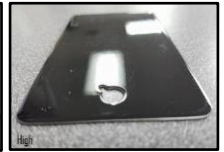
*Matte*



*Satin*



*Medium Gloss*



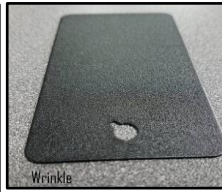
*Full Gloss*



*Sand Texture*

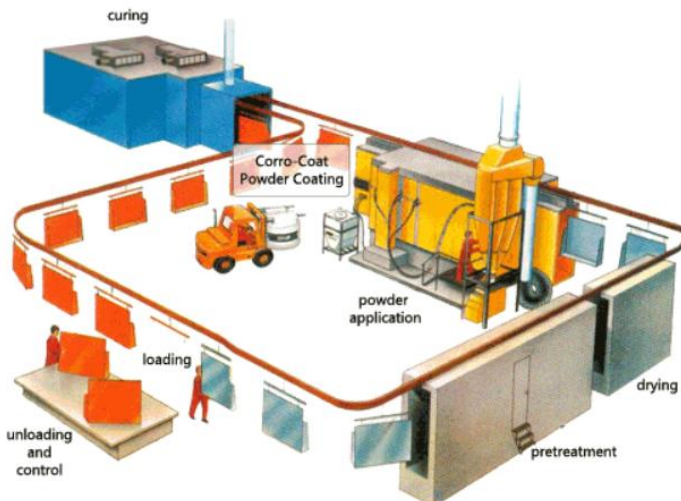


*Hammer Texture*



*Wrinkle Texture*

### Textures







## PREVIOUS PROJECTS





**AL-HAZEM**  
**Steel factory**

Հիշատակ  
**ՄԻ-ՄԱՅԵՄ**







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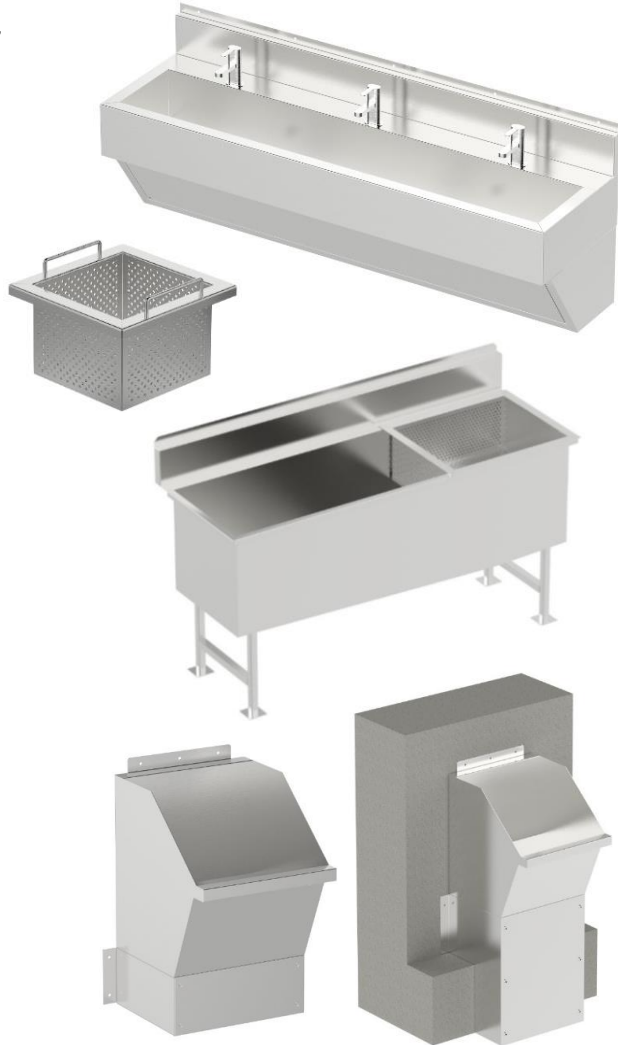
# STAINLESS WORKS & FURNITURE PRODUCTS

**Stainless Basin**  
**Stainless Floor Drains**  
**Stainless Electric Supplies**  
**Stainless Furniture**  
**Stainless Home Accessories**

# Stainless Basin

## Multiuse Hand Wash Stations

- Are available in single-station, two-station, or three-station models. They're constructed with durable heavy gauge stainless steel, seamless welds that minimize surface areas where bacteria can collect, and a sloping bottom surface to help to control splashing.
- Sink is provided with a front panel which is easily removed for access to the water control valves, waste connections, stops and strainers. Sink has a sloping bottom surface to minimize splashing.
- The unit is designed to be installed on the wall using a mounting carrier.



## Cop Tank

- COP tank provides fast and thorough cleaning of your components – which manual cleaning cannot.

## Wash Baskets

- Keep parts and components safe and organized while washing.



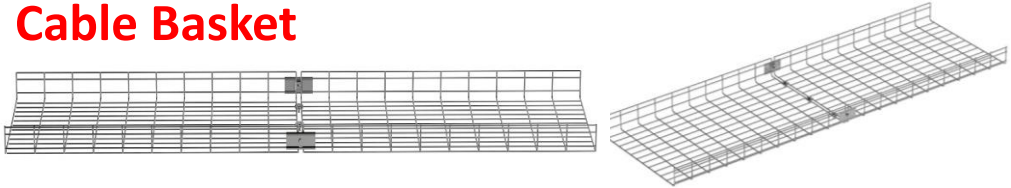
# Stainless Electric Supplies

## Electric Junction Box

- We offer stainless steel terminal boxes that are Used in either corrosive or outdoor applications, Clamp Cover Enclosures combine a seamless foam-in-place gasket with stainless steel screw-down clamps for a consistent and reliable seal, yet the cover is easily removed for access and modifications.



## Cable Basket



# Stainless Ducting System

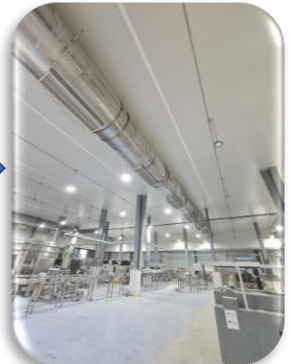
## Butt-Welded Ducts

- Stainless steel ducting is recommended for ventilation systems installed in humid or hot environments, as well as environments where there are compounds in the air that may damage traditional galvanized steel ducting. HVAC engineers use **stainless steel for aggressive and corrosive environments**. Stainless steel butt-welded ducts available in diameters from 260 to 2000 mm or more **up to request**; from a diameter of 260 mm are provided with external ribs to increase their stiffness and resistance to negative pressure.

Fabrication



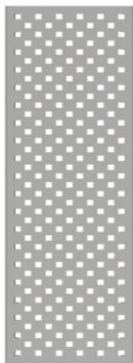
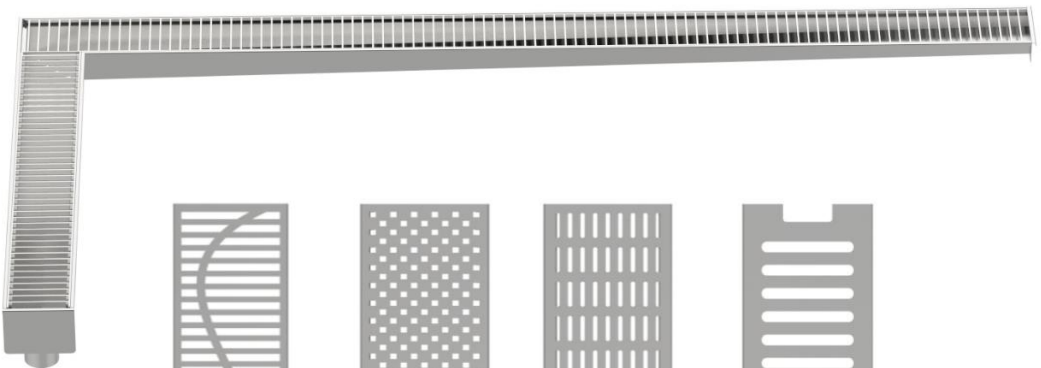
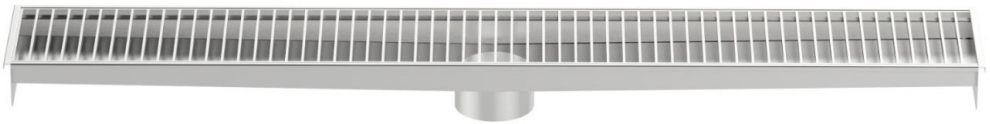
Sit Installations



# Stainless Floor Drains

## Linear Channel & Grill

- It drains smoothly and prevents clogging, Prevents odors from leaking out and no unpleasant smells  
Easy to install, convenient and practical, perfect for business, family, hotels, etc.
- Good perfect for Showers, Bathrooms, Kitchens, Washrooms and Other Wet Rooms.
- All drain bases are fully welded and made from 304 stainless steel, rust and corrosion-resistant and durable.



Decorative Covers

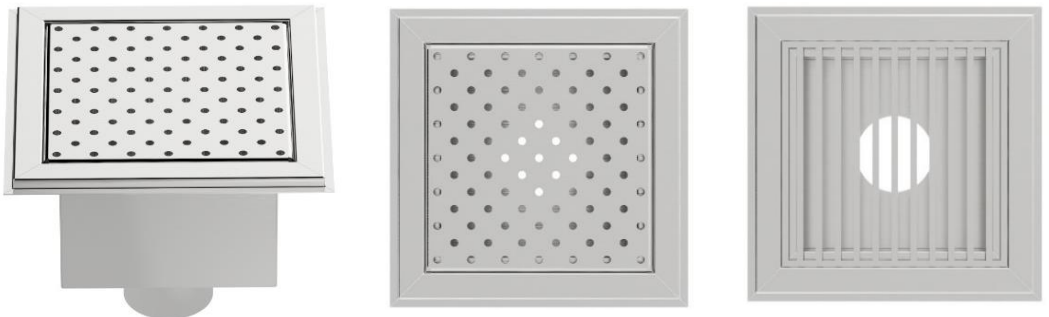
# Stainless Floor Drains

## Side Walls

- Square drains are made of premium 304 stainless steel, to ensure it is as corrosive and rust-resistant with a long-life span.
- Debris basket to prevent a drain clog.
- Includes lifting key for ease of grate removal and maintenance.



## Industrial Heavy-Duty Square Drain



# Stainless House Furniture

## Chairs

### Design



CH-01



CH-02



CH-03



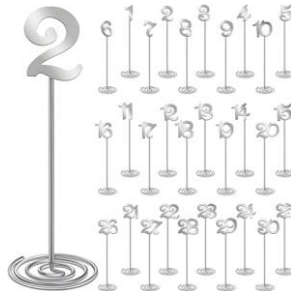
CH-04

- Varies of Designs to choose from.
- Fabrication of all types of steel furniture according to the client's needs and wants.
- The Ability to customize any design according to the client's needs and wants

## Home



Towel Holder



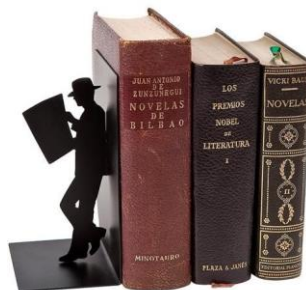
Stand With Numbers



X&amp;O Game



Wall Art



Book Holder



Round Coasters



# Stainless House Furniture

## Fabric

- Velvet Fabric Material with varies colors to choose from



## Accessories

- Fabrication of all types of steel accessories according to the client's needs and wants.
- The Ability to customize any design according to the client's needs and wants



Customized Word



Napkin Holders



Customized Wall Art

# Stainless House Furniture

## Tables

### Side Tables Design



TB-S-01



TB-S-02



TB-S-03



TB-S-04

### Coffee Tables Design



TB-C-01



TB-C-02



TB-C-03



TB-C-04

### Dining Tables



TB-D-01



TB-D-02



TB-D-03



TB-D-04

- Varies of Designs to choose from.
- Fabrication of all types of steel furniture according to the client's needs and wants.
- The Ability to customize any design according to the client needs and wants.



## Console Design



TB-CS-01



TB-CS-02



TB-CS-03



TB-CS-04

## Storage



ST-01



ST-02



ST-03



ST-04

## Top Surface Finish

- Variety of top surface finish to choose from whether its wood, glass or marble



Wood



Glass



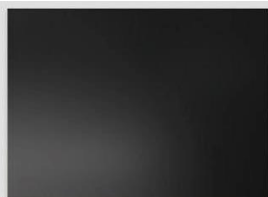
Marble

## PAINTING SYSTEM



### PVD

For  
Stainless  
Steel



**BLACK**



**GOLD**



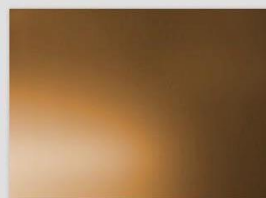
**ROSE GOLD**

### COATING WITH DIFFERENT COLORS

A variety of colors  
to accommodate  
all preferences  
and tastes.



**CHAMPAGNE**



**BRONZE**

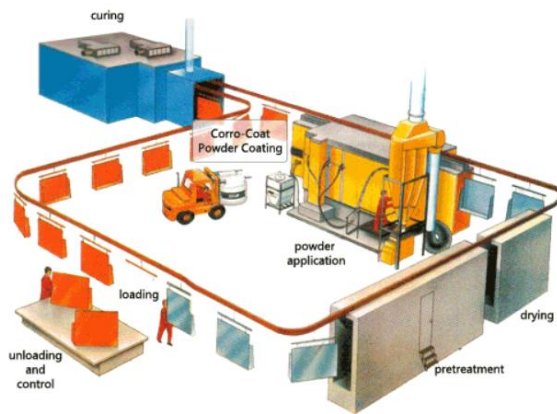
## PAINTING SYSTEM



### Electrostatic

For Stainless Steel & Steel

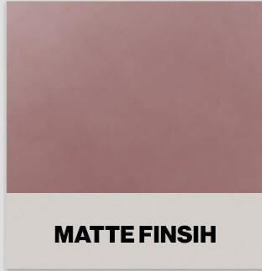
- The Product is cleaned and prepared for a high-quality electrostatic painting as selected from RAL colors



## Painting Finish

**PVD**  
For  
Stainless  
Steel

Your different textures are no match for our coating techniques and methods that give the same seamless and smooth finishing to all your pieces.

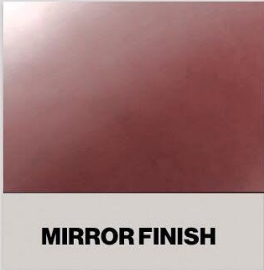


**MATTE FINISH**



**HAIRLINE FINISH**

### ALL TEXTURES



**MIRROR FINISH**



**SANDBLASTED FINISH**

## Painting Finish Electrostatic

For Stainless Steel & Steel

### Gloss



Matte



Satin



Medium



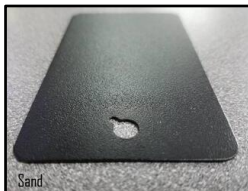
High

*Matte*

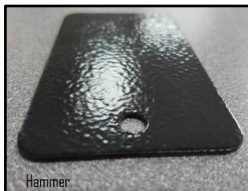
*Satin*

*Medium Gloss*

*Full Gloss*



Sand



Hammer



Wrinkle

*Sand Texture*

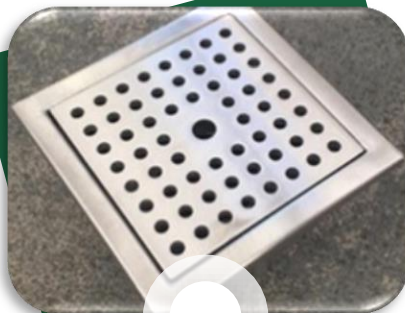
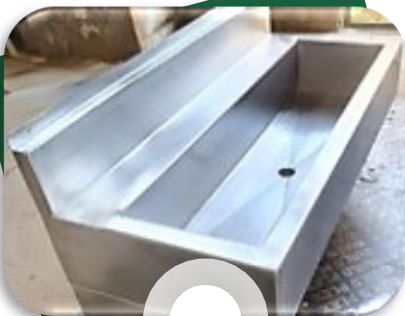
*Hammer Texture*

*Wrinkle Texture*

### Textures



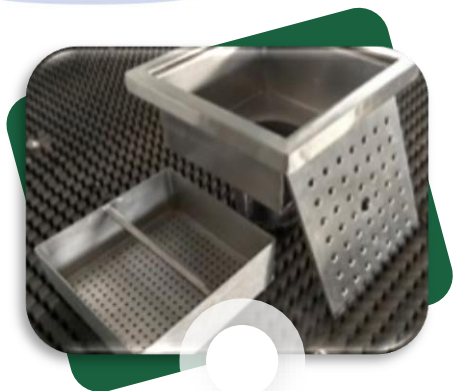
## PREVIOUS PROJECTS







## PREVIOUS PROJECTS





**AL-HAZEM**  
Steel factory

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ՍԻ-ՀԱՅԵՄ



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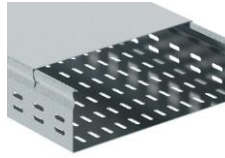
# CABLE TRAYS



# Perforated Cable Tray

## Steel-Stainless Steel

### Snap on Cable Tray



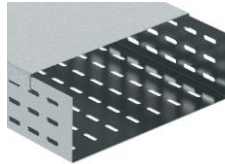
Minimum Height =  
Maximum Height =

### Internal Flange Tray



Minimum Height =  
Maximum Height =

### U-Shape Cable Tray



Minimum Height =  
Maximum Height =

## Specifications

### Material & Finish

Steel 37

**HD** Hot dip galvanized after fabrication.

**PG** Pre-galvanized.

**ESP** Electrostatic painted.

#### • Cable Tray Type:

**CT** Cable tray perforated type (Snap on tray).

**CTU** Cable tray perforated U shape.

**CTI** Cable tray perforated internal flange.

#### • Cable Tray Width:

Cable tray width (W) its value varies from 50 mm to 600 mm.

#### • Cable Tray Height:

Cable tray height (H) standard value ( snap on tray = 55 mm to 125 mm.

#### • Return Flange:

Cable tray return flange standard value is 10 mm.

In case of tray U shape return flange value is 0.

#### • Cable Tray Thickness:

Cable tray thickness value is from 1 to 2 mm.

#### • Cable Tray Length:

Cable tray length standard value is 2000, 3000 mm

### Stainless steel

**SS316** Stainless Steel 316

**SS316L** Stainless Steel 316L

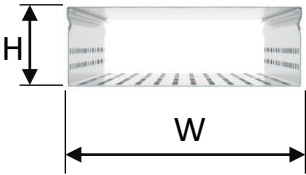
**SS304** Stainless Steel 304

**SS304L** Stainless Steel 304L

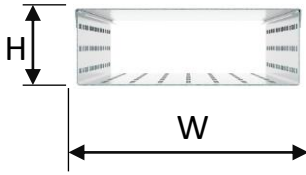
# Standard Cable Tray Dimensions

Type	Material & Finish	Flange Type	Width mm	Height mm	Thickness mm	Length mm	Cover
HDG	Hot Dip Galvanized After Fabrication	Snap On  U Shape  Int Flange	50	55	1	2000	On Request 1 Mm 1.2 Mm Thickness 2000 Meter
			100				
			150				
			200				
PG	Pre Galvanized		250	75	1.2	2500	
			300		1.5		
			350		2		
ESP	Electrostatic Painting		400	100		3000	
			450				
			500				
SS	Stainless Steel		550				
			600				

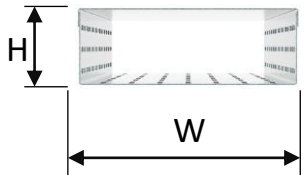
Cable trays width above 600 mm is available with 2 mm thickness upon request



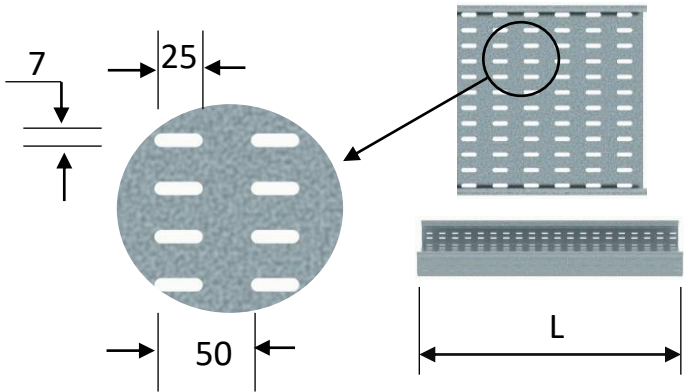
Snap On Cable Tray



Return Flange Tray



U Shape Tray



# Cable Tray Duct

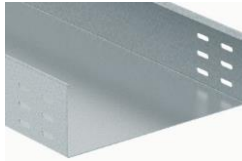
## Steel-Stainless Steel

### Snap-on Cable Tray Trunk



Minimum Height =  
Maximum Height =

### Internal Flange Cable Tray Trunk



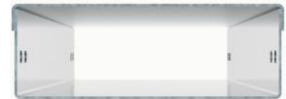
Minimum Height =  
Maximum Height =

### U-Shape Cable Tray Trunk

### Specifications

#### Material & Finish

**Steel 37**



Minimum Height =  
Maximum Height =

**Stainless steel**

**HD** Hot dip galvanized after fabrication.

**PG** Pre-galvanized.

**ESP** Electrostatic painted.

**SS316** Stainless Steel 316  
**SS316L** Stainless Steel 316L  
**SS304** Stainless Steel 304  
**SS304L** Stainless Steel 304L

- **Cable Tray Type:**

**CT** Cable tray perforated type (Snap on tray).

**CTU** Cable tray perforated U shape.

**CTI** Cable tray perforated internal flange.

- **Cable Tray Width:**

Cable tray width (W) its value varies from 50 mm to 600 mm.

- **Cable Tray Height:**

Cable tray height (H) standard value ( snap on tray = 55 mm to 125 mm.

- **Return Flange:**

Cable tray return flange standard value is 10 mm.

In case of tray U shape return flange value is 0.

- **Cable Tray Thickness:**

Cable tray thickness value is from 1 to 2 mm.

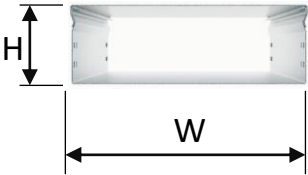
- **Cable Tray Length:**

Cable tray length standard value is 2000, 3000 mm

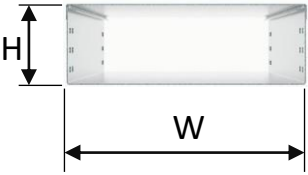
# Standard Cable Trunk Dimensions

Type	Material & Finish	Flange Type	Width mm	Height mm	Thickness mm	Length mm	Cover
HDG	Hot Dip Galvanized After Fabrication	Snap On  U Shape  Int Flange	50	55	1	2000	On Request 1 Mm 1.2 Mm Thickness 2000 Meter
			100				
			150				
			200				
PG	Pre Galvanized		250	75	1.2	2500	
			300		1.5		
			350		2		
ESP	Electrostatic Painting		400				
			450				
			500				
SS	Stainless Steel		550	100			
			600				

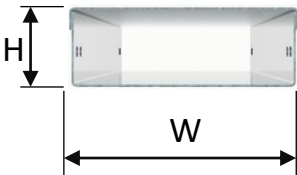
Cable trays width above 600 mm is available with 2 mm thickness up on request



Snap On Cable Tray



Return Flange Tray



U Shape Tray

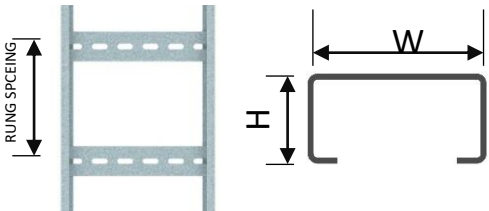
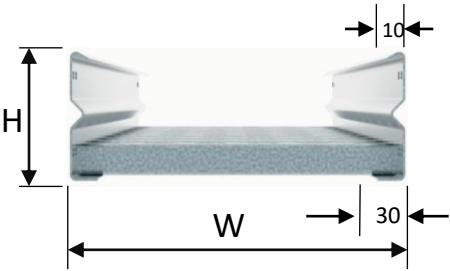
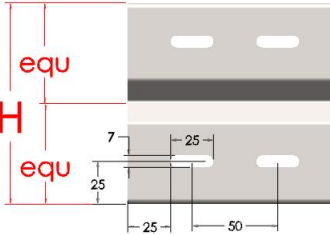


# Cable Ladder

## Steel-Stainless Steel



• **Ladder Side**



## Specifications

### Material & Finish

#### Steel 37

**HD** Hot dip galvanized after fabrication.

**PG** Pre-galvanized.

**ESP** Electrostatic painted.

#### Stainless steel

**SS316** Stainless Steel 316

**SS316L** Stainless Steel 316L

**SS304** Stainless Steel 304

**SS304L** Stainless Steel 304L

W	H
30	15
40	20
50	25
60	30

• **Cable Ladder Type:**

CL Cable Ladder.

• **Cable Ladder Width:**

Cable Ladder width (W) its value varies from 100 mm to 1200 mm.

• **Cable Ladder Height:**

Cable Ladder height (H) standard value from 60 mm to 200 mm.

• **Cable Ladder Thickness:**

Cable Ladder thickness value is from 1.5mm or 2 mm up to request.

• **Cable Ladder Length:**

Cable Ladder length standard value is 2000, 3000 mm

• **Rung Specifications:**

Rung thickness 2mm, Rung spacing = 200-250-300 mm  
Welded with co2 or Argon

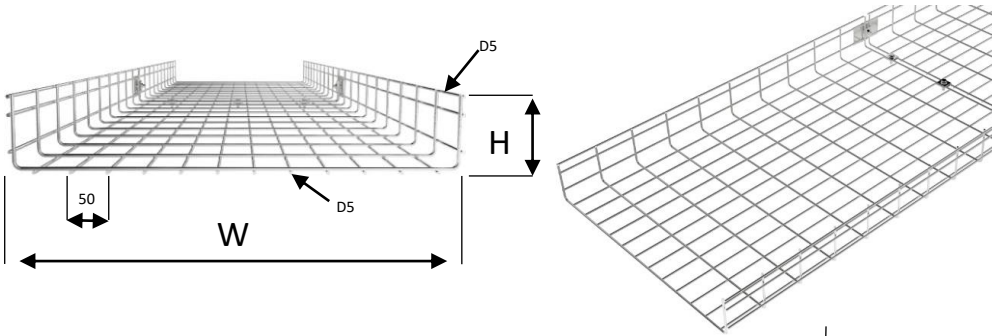
# Standard Cable Ladder Dimensions

Type	Material & Finish	Width mm	Height mm	Thickness mm	Length mm	
HDG	Hot Dip Galvanized After Fabrication	100	60	1.5	2000	
		150				
		200				
PG	Pre Galvanized	250				100
		300				
ESP	Electrostatic Painting	350		160	2500	
		400				2
SS	Stainless Steel	450		200		
		500				
		550				
		600				

Cable ladders width above 600 mm is available up on request



# Cable Tray Wire Basket Stainless Steel

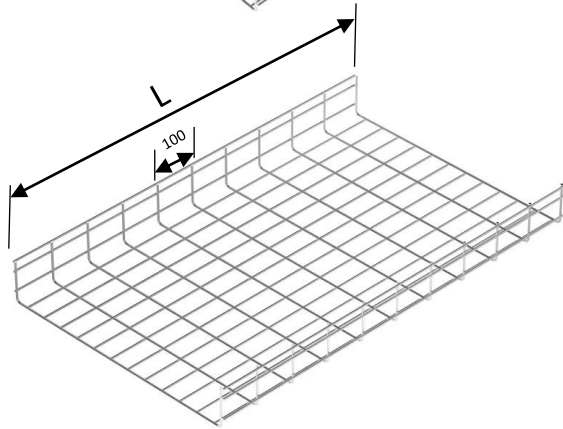


## Specifications

### Material & Finish

Stainless steel

- SS316 Stainless steel 316
- SS316L Stainless steel 316L
- SS304 Stainless steel 304
- SS304L stainless steel 304L



- **Cable Tray Wire Type:**

CB cable basket

- **Cable Tray Wire Width:**

Cable tray width (W) its value varies from 100 mm to 600 mm.

- **Cable Tray Wire Height:**

Cable tray height (H) standard value = (50 – 100 – 150) mm.

- **Cable Tray Wire Diameter:**

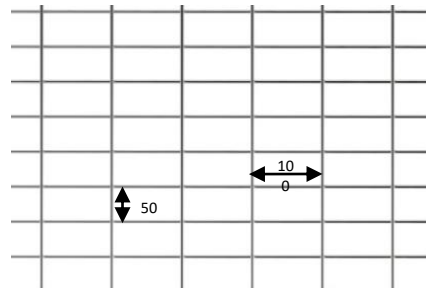
Wire diameter value = ( 4 – 5 – 6 )mm

- **Cable Tray Wire Length:**

Cable basket length standard value is 2000, 3000 mm

- **Mesh Size:**

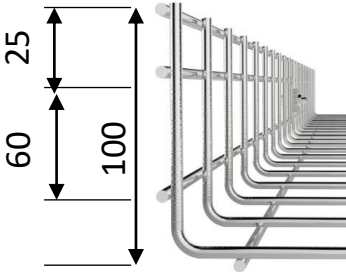
Standard mesh size = 100 x 50 mm



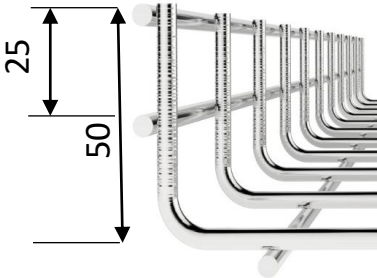


# Cable Tray Wire Basket Dimensions

Width	Height	Wire Diameter	Length
50	50	4	2000
100			
200			
300			
400	100	5	3000
500			
600			



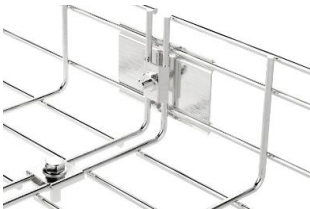
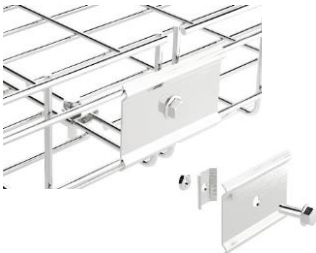
Side 100 mm



Side 50 mm

## Accessories

- Splice Plate & Clamp Assembly for Side 50 & 100



- Hold Down Clamp Assembly





**AL-HAZEM**  
Steel factory

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ՍԻ-ՀԱՅԵՄ



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# ELECTRICAL ENCLOSURES

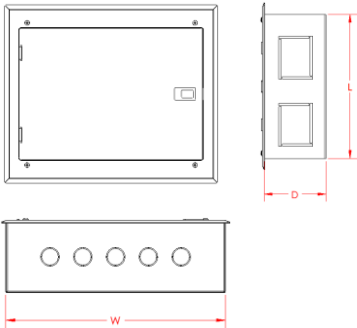
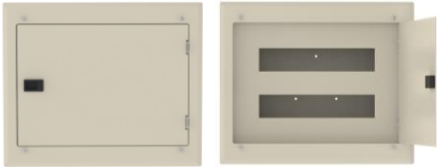
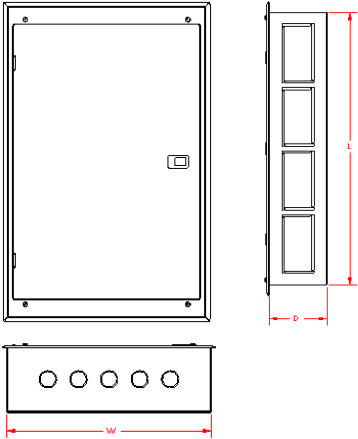


# Distribution Boards

Steel enclosure switchboards are intended for the distribution of electricity in electric systems Made of high-quality materials. the enclosures have extremely good resistances and weather conditions, Painted with electrostatic powder coating.

## Vertical Distribution Boards

Description	Dimensions L x W x D
12 line panel +Main circuit breaker	360 x 320 x 80
18 line panel +Main circuit breaker	400 x 290 x 80
24 line panel +Main circuit breaker	460 x 320 x80
36 line panel +Main circuit breaker	560 x 320 x 80
48 line panel +Main circuit breaker	670x320x80
60 line panel +Main circuit breaker	770x320x80



## Horizontal Distribution Boards

Description	Dimensions L x W x D
12 line panel	240x320x80
18 line panel	360x260x80
24 line panel	360x320x80
36 line panel	480x320x80
48 line panel	600x320x80

# Electrical Meter Cabinet

A new custom-made range of distribution boards with the possibility to install either a single or 3-phase meter, made entirely of metal.

## Distribution Panel With Meters

Description	Dimensions L x W x D
12 Lines Panel + Counter Single Phase	420x320x80
18 Lines Panel + Counter Single - Phase	540x260x80
18 Lines Panel+ Counter Three - Phase	620x320x80
24 Lines Panel + Counter Single - Phase	540x320x80
24 Lines Panel+ Counter Three – Phase	620x320x80
36 Lines Panel + Counter Single - Phase	660x320x80
36 Lines Panel+ Counter Three - Phase	740x320x80



## Counter Box

Description	Dimensions L x W x D
Counter Electronic Single- Phase Box	300x230x80
Counter Electronic three Phase Box	350x320x80

# Electrical Enclosures

AL-HAZEM offers a wide of enclosures that can be used for many different applications, power and control circuits, machines and factories the enclosure is prepared with a mounting plate & wall mounting brackets The 180° hinges are already pre-fitted on the door and ready to use, the cam locks may be attached without the use of tools, and the door is easily fitted. The surface treatment provides optimum protection against corrosion and is resistant to mineral oils, lubricants, machining emulsions and many solvents The enclosure edge fold provides broad, secure contact with the seamless PU foam seal and helps preserve the protection category of IP 66.

Any Other Specifications Up On Request			
Dimensions			
No	Width	Height	Available Depth
1	250	300	160-200
2	300	400	
3	400	500	160-200-250
4	400	600	
5	500	600	
6	500	700	200-250-300
7	600	800	
8	600	1000	
9	800	1000	
10	800	1200	
11	1000	1200	



# Terminal Box

AL-HAZEM provides a terminal box for indoor and outdoor use. Stainless steel (AISI 304-316) complies with maximum hygiene and corrosion protection requirements. There is no opening to the wall mounting for hygiene reasons. The enclosure edge fold provides broad, secure contact with the seamless PU foam seal and helps preserve the protection category of IP 66.

Any Other Specifications Up On Request			
Dimensions			
No	Width	Length	Available height
1	100	100	50-70
2	150	150	70-100
3	200	200	100-150
4	250	250	
5	300	300	150-200
6	350	350	
7	400	400	200-250-300
8	450	450	
9	500	500	
10	600	600	
11	700	700	





# Painting System

## Electrostatic

### For Stainless Steel & Steel



- The Product is cleaned and prepared for a high-quality electrostatic painting as selected from RAL colors

## Painting Finish

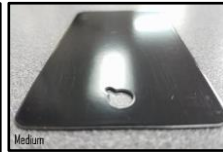
### Gloss



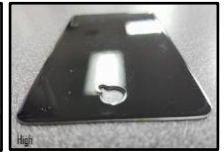
Matte



Satin



Medium



High

Matte

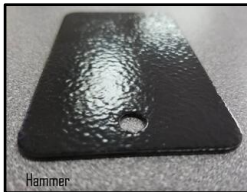
Satin

Medium Gloss

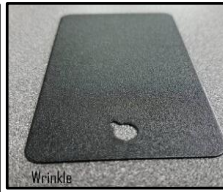
Full Gloss



Sand



Hammer



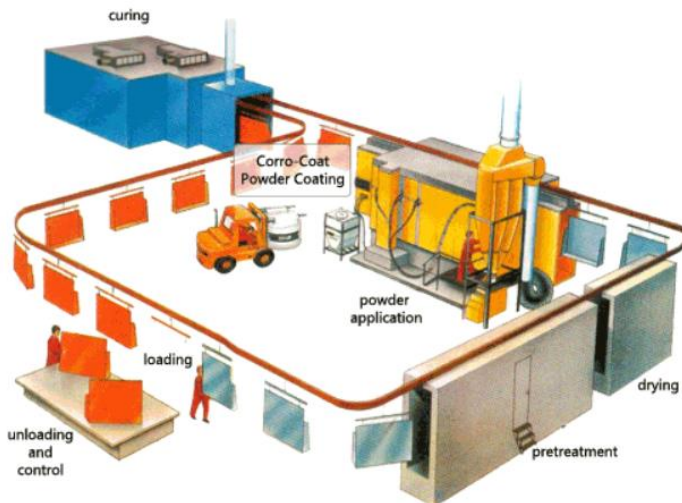
Wrinkle

Sand Texture

Hammer Texture

Wrinkle Texture

### Textures





## PREVIOUS PROJECTS





**AL-HAZEM**  
Steel factory

ՀԻՍՏԵՄ ԷՍՏԵՐՆ  
ՍԻ-ՀԱՅԵՄ



FIRE HOSE



FIRE HOSE



# FIRE CABINET SOLUTIONS

# Fire Cabinet Single

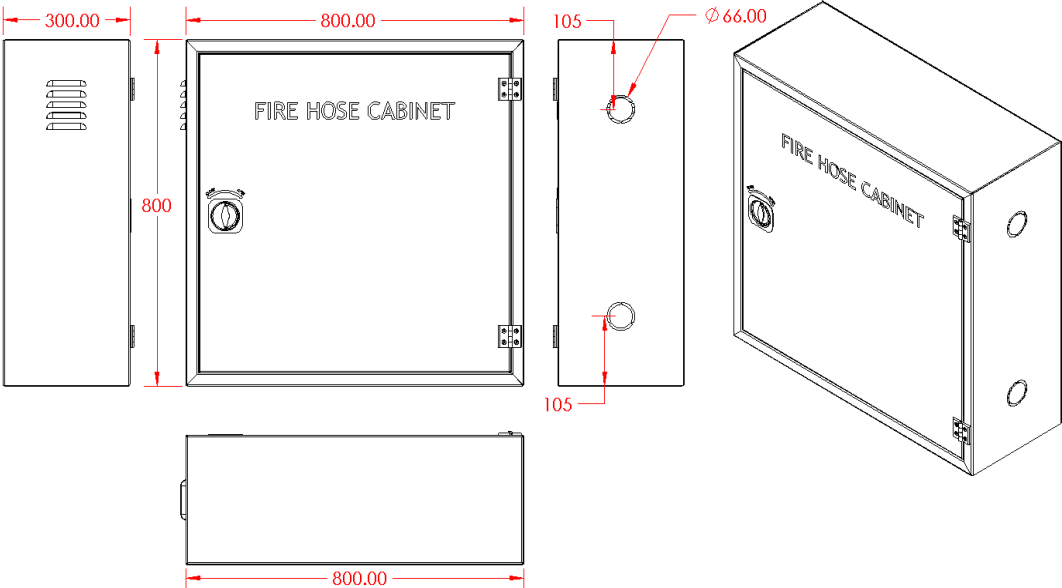
## Features

- Standard design cabinet 800 x 800 x 300 mm (WxHxD) for wall mounting.
- Standard design for wall mounting and can be manufactured upon request as a recessed type for in-wall fitting
- The cabinet door is provided with a fire cabinet lock.
- The cabinet door is provided with a leaf hinge enabling it to swing up to 180°.
- The cabinet has two inlet holes (upper & lower) for water-feeding pipes sealed with polymer or rubber seals.



## Technical Specifications

Cabinet Type	Single Door
Dimensions	800 x 800 x 300 mm
Material	Steel or Stainless Steel
Cabinet Steel thickness	1.5 mm
Cabinet Finish	Electrostatic Red Coating
Door Hinges	Steel Leaf Hinge



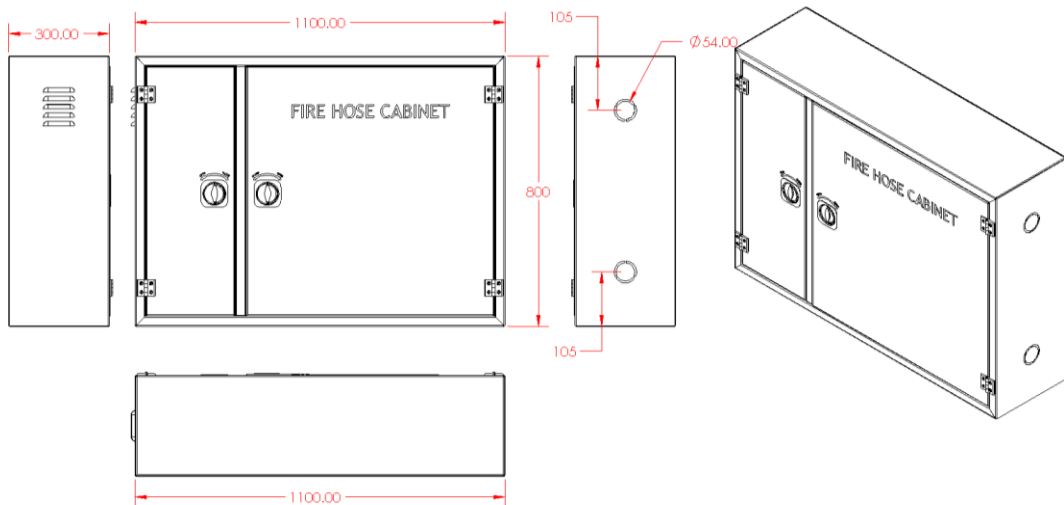
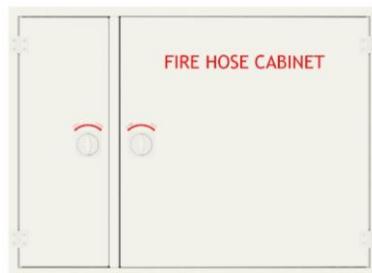
# Double Hose Reel Cabinet And Fire Extinguisher Features

- Multi-purpose cabinet used to hold two compartments: the first for the hose reel and the second for a fire extinguisher.
- Standard design cabinet 1100 x 800 x 300 mm
- Standard design for wall mounting and can be manufactured upon request as a recessed type for in-wall fitting
- The cabinet door is provided with a fire cabinet lock.
- The cabinet door is provided with a leaf hinge enabling it to swing up to 180°.
- The cabinet has two inlet holes (upper & lower) for water-feeding pipes sealed with polymer or rubber seals.



## Technical Specifications

Cabinet Type	Double Hose Reel
Dimensions	1100 x 800 x 300 mm
Material	Steel or Stainless Steel
Cabinet Steel thickness	1.5 mm
Cabinet Finish	Electrostatic Red Coating
Door Hinges	Steel Leaf Hinge



# Double Hose Reel Cabinet

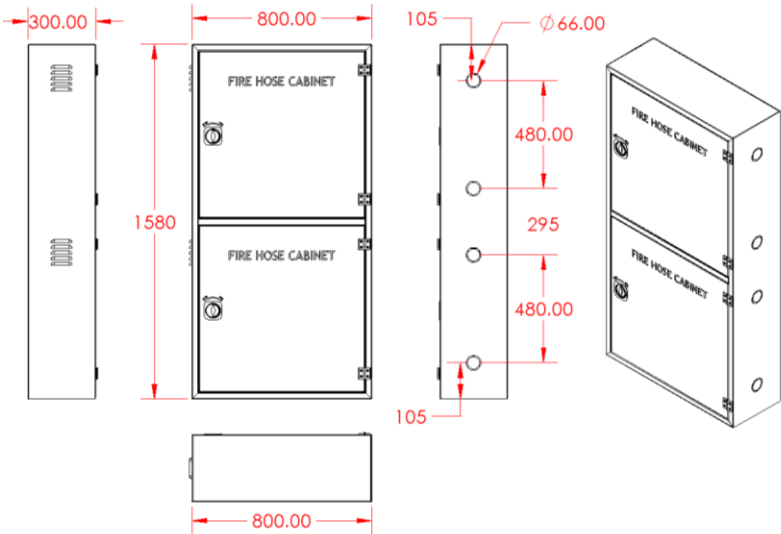
## Features

- Double hose reel able to hold two hose racks/reels or one of each
- Standard design cabinet 800x 1580x 300 mm
- Standard design for wall mounting and can be manufactured upon request as a recessed type for in-wall fitting
- The cabinet door is provided with a fire cabinet lock.
- The cabinet door is provided with a leaf hinge enabling it to swing up to 180°.
- The cabinet has two inlet holes (upper & lower) for water-feeding pipes sealed with polymer or rubber seals.



## Technical Specifications

Cabinet Type	Double Hose Reel Cabinet
Dimensions	800x 1580x 300 mm
Material	Steel or Stainless Steel
Cabinet Steel Thickness	1.5 mm
Cabinet Finish	Electrostatic Red Coating
Door Hinges	Steel Leaf Hinge





# General Purpose Cabinet

## Features

- Cabinet is manufactured from heavy gauge steel and designed for general-purpose applications
- Standard double doors with clear-vision windows
- Include 2 adjustable shelves to store different objects
- Perforated back panel for hanging padlocks and different tools
- Cabinet drawer divided into spaces to store different objects with a capacity of 40 kg.
- Cabinet design for wall mounting
- Dimensions: 1000 x 900 x 300 mm



## Technical Specifications

Cabinet Type	General Purpose Cabinet
Dimensions	1000 x 900 x 300 mm
Material	Steel or Stainless Steel
Cabinet Steel Thickness	1.5 mm
Cabinet Finish	Electrostatic Yellow Coating
Door Hinges	Stainless Steel Hinge

# First Aid Cabinet

## Features

- Cabinet is designed to store medical supplies
- Door includes clear vision window
- Dimensions: 500x500x250 mm
- Cabinet is designed to be light and suitable for wall hanging



# Business PARTENRS





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🏭 6<sup>th</sup> October,  
CPC Industrial  
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