

شركة مصنع الصفوف الوطنية (مساهمة مقفلة)

AL-SOFOUF AL WATANIYA FACTORY CO.



رفوفكو  
RFUFCO



## *Mobile Shelvings Storage Profiles*



## Some of Our Rerferences

|   |   |   |   |   |   |
|---|---|---|---|---|---|
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## Our Vision:

To be the pioneers in finding the best solutions for storage and display system in warehouse and shops around the arabic world.

## Values:

**Quality:** Producing with high precision and professionalism without any production flaw.

**Credebility:** We fulfill our promises in applying for our valued.

**Customers:** Focusing on customers, our clients are our partners in the success.

**Innovation:** Continuous developing for our products and motivate our employees to be creative.

## Our Mission:

Rfufco Company creates the best solutions for storage and display system in warehouse and shops for our valued partners in the success of the goverment and private companies and institutions in Saudi Arabia and the Arab market based on our experience and our professional, qualified and trained staff using the latest machinery production lines.

According to the highest quality and the requirements of the global storage standard to provide the aspiration of our valued customers.



## Quality Certificate ( TUV )



FAHSS

**FAHSS/TÜV NORD Saudi Arabia**

**INSPECTION CERTIFICATE OF ASSESSMENT**



**TÜV**

**NO. 201728**

**AL SOFOUF ALWATANIYA FACTORY CO. (RFUFCO)**  
P.O.Box:147, Riyadh 11383  
Kingdom of Saudi Arabia

WAS TECHNICALLY TESTED AND ASSESSED OF THEIR PRODUCT MANUFACTURING  
of  
**HEAVY DUTY PALLET RACKING STORAGE SYSTEM**  
**LIGHT DUTY SHELF STORAGE SYSTEM**  
**DRIVE-IN PALLET RACKING SYSTEM**  
**MEZZANINE FLOOR STORAGE**  
and  
**BOLT FREE SHELVING'S**  
WITH A  
MATERIAL SPECS: JIS G31331 SPHC, SPHD Steel Plate

**DESIGNED AND MANUFACTURED BY AL SOFOUF ALWATANIYA FACTORY CO. ( RFUFCO )**

**CONFORMS TO THE REQUIREMENTS OF THE STANDARD**  
**EN 15512: 2009**

**also S.E.M.A. " Code of practice for the design of static racking"**

For the specified product specification, mentioned above has been assessed  
inspect and tested in according to company product specification;  
Company comply the procedure and specification as per Rack Manufacturing Institute  
As far as ascertainable this product complied with the applied standards and  
void of principal defects that can affect the condition .No restrictions for further safe condition.

**Recommendation:** Follow the safe working value specified on its company product code.

|                           |            |                             |           |
|---------------------------|------------|-----------------------------|-----------|
| <b>DATE OF INSPECTION</b> | 21-09-2016 | <b>DATE NEXT INSPECTION</b> | 20-Sep-17 |
|---------------------------|------------|-----------------------------|-----------|

**ADDITIONAL SUPPORTING DOCUMENTS**

|   |                                     |
|---|-------------------------------------|
| <b>AUTHORISED INSPECTOR:</b> AQEEL AL-DARWISH | <b>INSPECTOR:</b> HERMIE B. DERESMA |
|---|-------------------------------------|

**WARNING:**

(1) This certificate should not be altered or defaced in any way or it will render the Certificate invalid.

(2) This Certificate is not valid unless authenticated by the FAHSS / Inspection Stamp and Inspector's Signatures.

**SIGNATURE:** \_\_\_\_\_



**STAMP**

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NATIONAL INSPECTION AND TECHNICAL TESTING CO. LTD. (FAHSS / TÜV NORD SAUDI ARABIA) P.O BOX 10771 JUBAIL 31961  
**JUBAIL:** Tel: (013) 340 7607 / 7608 / 7609- Fax: (013) 340 7605 **JEDDAH:** Tel: (012) 652 0212 / 614 3438-Fax: (012) 652 0822  
**YANBU:** Telefax: (014) 325 1475 **RIYADH:** Tel: (011) 473 3504 (direct)- Fax: (011) 292 0830

EMAIL: info@fahsstuv.com

FM-IN-122A REV 03.12/02/12





### Upright Actual Testing



Jotun Powder Coating Certificate



TUV Coating Quality Certificate



Robotic Powder Coating





## Durability of powder coating

powder coating is highly-quality finish found on thousand of products you come in contact with each day. Powder coating protects roughest, toughest machinery as well as the household items you depend on daily. It provides a more durable finish than liquid paints can offer, while still providing an attractive finish. Powder coated products are more resistant to diminished coating quality as a result of impact, moisture, chemicals, ultraviolet light, and other extreme weather conditions. In turns, this reduces the risk of scratches, chipping, abrasions, corrosions, fading and other wear issues.

Its tough, it looks great And it last as long, long time. In addition to being durable, powder coating is an attractive choice due to enviromental advantages.





*Mobile shelving system enables workable storage system even in a small space. Modifying stationary shelves into mobile shelves you can have upto two times more using meters.*

*Structure of closed end upright makes it possible to use every inch of the shelf and neither is there no space for material dropping from the end of the shelf. A welded wagon guarantees solid and durable structure.*

*Crank and electricity driven mobiles always have drive in both ends and the longer wagons also have drive in the middle. This guarantees smooth movement and there will not be any stability problems. Ball bearing drives mechanism and o 130mm ball bearing wheel are made of steel.*

*Shelf thickness 30mm*

*Adjustment in height 25mm*

*Max load 80kg / shelf, even load ( up to 150kg / shelf for special order )*

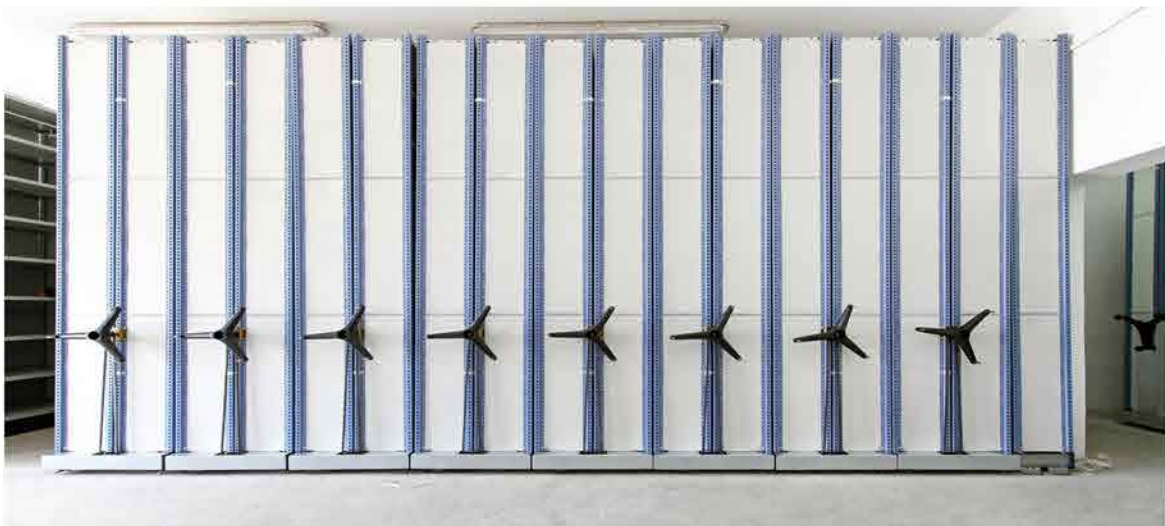
*Horizontal ang diagonal bracing ( diagonal bracing attach shelves to wagon )*

*It is possible to order decoration plate in any color from the RAL color map.*

*It is possible to cover the mobile shelves with veneered plates.*









## Mobile Shelving Systems For Increased Storage Capacity

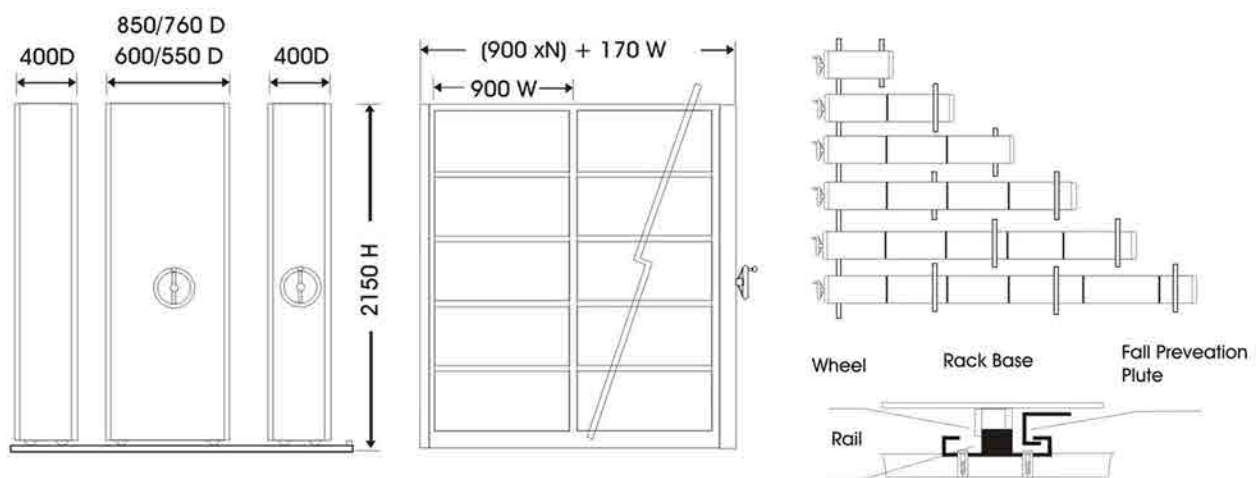
Mobile Shelving system consist of a series of shelving runs which move parallel to one another and require only a single operating aisle for access to all items stored. The reduction in the number aisle achieved by this system provides a high degree of both operational and cost benefits.

- Mobile shelving system require 40% less surface area than static shelving for the same surface area.
- There is 85% more storage capacity compared with static shelving occupying the same surface area.
- The amount of surface area occupied of 65 - 85% and the reduction of time spent moving to and from shelves helps to improve retrieval times.

In principle all shelf and cabinet system can be placed on carriages. These have excellent running properties for smooth movement, manually assisted bases with different load dependent gear ratios as support for quick and safe methods of working. Electric drives are available for heavy loads. Whether you wish to store files, documents, books, small parts, spare parts to bulk items, has a storage solution for you.







| MECHANICAL MOBILE CABINET |       |            |                |                 |         |         |                |
|---------------------------|-------|------------|----------------|-----------------|---------|---------|----------------|
| NUMBER OF BAYS            | WIDTH | SINGLE FIX | SINGLE MOVABLE | DOUBLE MOVABLE  |         |         |                |
|                           |       |            |                |                 |         |         |                |
| 1                         | 1070  | SF400-1    | SM400-1        | DM550-1         | DM660-1 | DM760-1 | DM850-1        |
| 2                         | 1970  | SF400-2    | SM400-2        | DM550-2         | DM660-2 | DM760-2 | DM850-2        |
| 3                         | 2870  | SF400-3    | SM400-3        | DM550-3         | DM660-3 | DM760-3 | DM850-3        |
| 4                         | 3770  | SF400-4    | SM400-4        | DM550-4         | DM660-4 | DM760-4 | DM850-4        |
| 5                         | 4670  | SF400-5    | SM400-5        | DM550-5         | DM660-5 | DM760-5 | DM850-5        |
| 6                         | 5670  | SF400-6    | SM400-6        | DM550-6         | DM660-6 | DM760-6 | DM850-6        |
| HEIGHT                    |       | 2150mm     | WIDTH          | (900XN) + 170mm |         | N       | Number of Bays |



**Driven System**

*Mobile Shelving offer maximum filling and storage capacity in the available space without compromising access. Precision built to a high standard of quality, the units provide optimum filing capacity for the modern office or the heavy demands of storerooms. It consists of a secured enclosed shelving unit on a track at one end and a series of enclosed lockable shelving units that slide to allow access to contents within them and isle space. \*

*Mobile shelving consists of base, frame, driven system, safety device. Frame includes upright, shelf, panel, hanging panel, roof panel, etc. It is dismantlable, spare parts could be final assembled in site. The parts are Bolted & rivet joint, combine easy installation and stable frame.*

*Aceally Compactus provides high capacity in-office storage together with speed of access. Create additional workspace with this economical solution providing high volume storage of items that need to be closed at hand*

*Unlike older style Base Mounted Systems, Compactus is far more flexible, Not restricted by track length you can tailor a system to suit your available space. Simply cut tracks to required length.*







*It is a set of shelving units mounted upon mobile bases which move along rail. Thereby guaranteeing optimal order and distribution of the archive and warehouse, as well as a better used of space.*

## **Advantages**

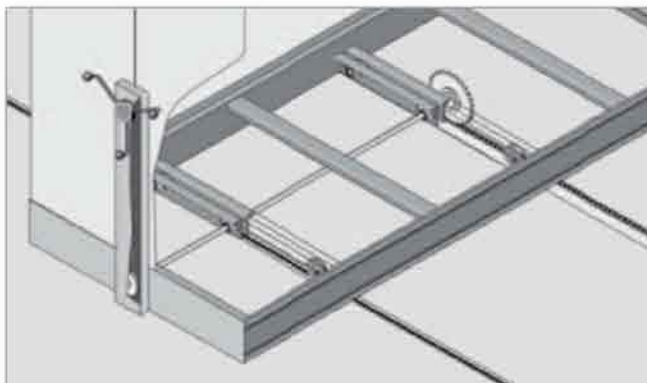
- Great use of space as it is a compact storage system.
- Can be adapted to any available space.
- Total safety of filed materials.
- Ideal for the storage of all types of book and documents.
- When the shelves reach a high height, ways fitted half-way up enabling the upper levels to be accessed can be installed.



## Technical Information Drive Types and Carriages

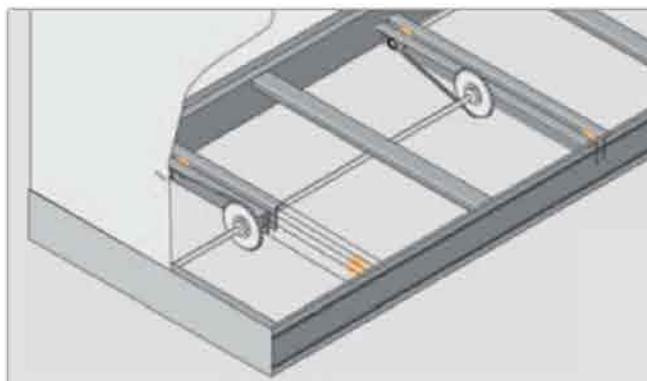
For normal loads manually assisted drives are used, whilst for heavier loads electric drives are utilised.  
For track free systems the drive takes place directly via rollers on the floor.

Different drive types are required dependent on the individual system carrying capacity.



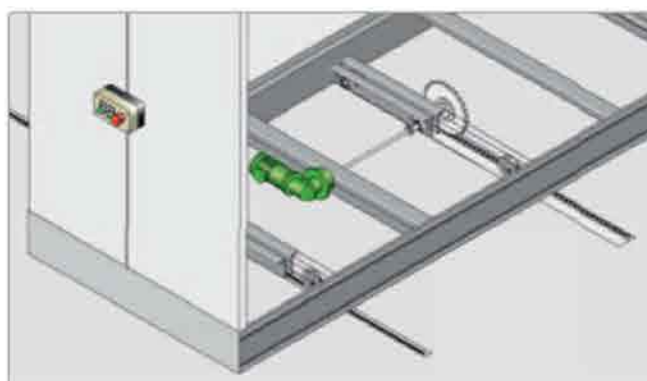
### Crank drive - "track-drive" system

The bases are moved manually with the aid of a crank and a gear ratio adjusted to the loads carried. For a "track-driven" system, a gear wheel grips into a drive chain integrated in the guide rail for drive. This system is effective due to its high maximum load capability and easy running



### Crank drive - "track-free" system

The carriages are moved manually with the aid of a crank and gear ratio adjusted to the loads carried. In the "track-free" system, drive is provided directly by the castors on the floor. They are guided at the rear by a small dowel-shaped profile. This system requires no ramps or infill floor; saves on assembly time, is cost-effective and has proven to be useful when changes happen such as a move or extension.



### Electric drive

In this system the base is moved by a single motor drive which utilises a gear wheel on a chain set into a floor-mounted rail.





*Mobile shelving system can be used for a wide range of applications, such as spare parts storage, bookshops or pharmacies, as well as the more usual application of documents archives.*

*It is the ideal storage system when capacity and space need to be optimised. The returns on investment are immediate.*

*Pharmaceutical products*



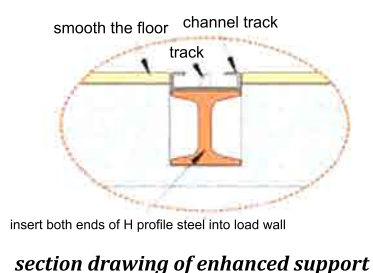
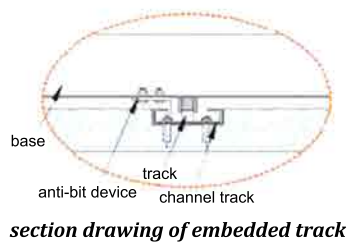
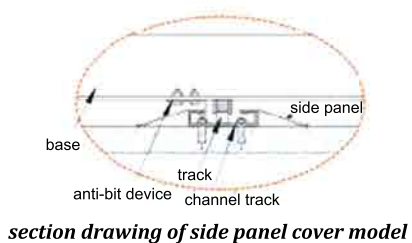
*Office filling and hanging documents files*



*Spareparts storage*



### Design of track



### Components of mobile shelvings





## ***Advance Machines***

***High quality products by our new advance machine technology dedicated to modern market.***

***Strictly control in inspection.***

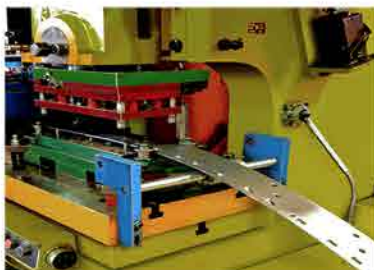
***Quality assurance system is divided into every single detail, with control being performed.  
all the way.***

***Strictly control in raw material.***

***Raw material for all products are of good quality and advanced performance, and those for main parts must pass quality inspection before use, so as to lay a solid foundation for protect quality assurance.***

***Strictly control in production process.***

***Strict inspection on product quality is throughout the whole process, with each process step requiring self-check and every two sequential process steps requiring mutual-check, to achieve an overall control on new products.***



# *National Industry...*

## *international standards*

رؤية  
VISION  
2030  
المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

صناعة وطنية ..  
بمعايير عالمية