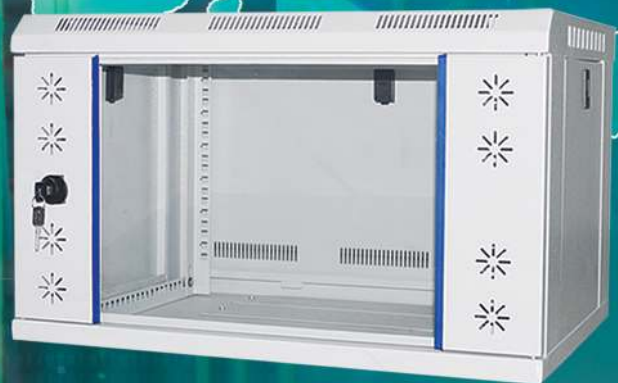


TMM[®]

Industrial & IT Cabinets



“We, at Technical Metal Industrial Co. L.L.C. take pride in declaring the company's commitment to satisfy our customers by providing high quality products and promptly delivering them as per the agreed contractual requirements”.



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Technical Metal Industrial Co. L.L.C.

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Introduction

Industrial & IT Cabinets

TMI is a privately owned company, established in 1997 in the Emirate of Abu Dhabi, United Arab Emirates and located on approximately 850,000 square feet in the Industrial City of Abu Dhabi (ICAD).

Specializes in metal processing and manufacturing of Expanded Metal & Plastering Accessories, Roll Formed Profiles, Suspended Ceiling Systems, Cable Management Systems, Metal Doors & Frames, Industrial Shelving, Metal Cabinets, Gratings, Metal Ladders and specialized building material products. We are an ISO 9001, 14001 & 18001 Certified company. Our emphasis is on quality products catering to today's competitive and demanding business environment. By introducing the latest, advanced technologies in our production lines, we ensure that our high production targets are achieved.

Furthermore, with deep knowledge within our manufacturing system capabilities, our products have achieved a very high quality standard in this industry. Having earned a reputation as a manufacturer and supplier of quality products, we fully recognize that constant improvement is a vital requirement for our continued success.

TMI cabinets and racks offer a wide variety of products that protect and enhance the look of your electronic environment. Our server/networking racks are top efficient and ready to use for network distribution. Our TMI rack is cost effective and offers you the robust 19"(482.6mm) mounting frame. Cabinets and racks are available in standard height, width and depth, that ranges from 6U wall mounted racks to 47U fully enclosed and customizable cabinets. All TMI wall mounted and free standing cabinets have multiple cable entry from the top and bottom. They also can take load "weight" that meets and exceeds the industry standards. In addition, we offer a full range of accessories, such as shelves, PDUs and cable management accessories.

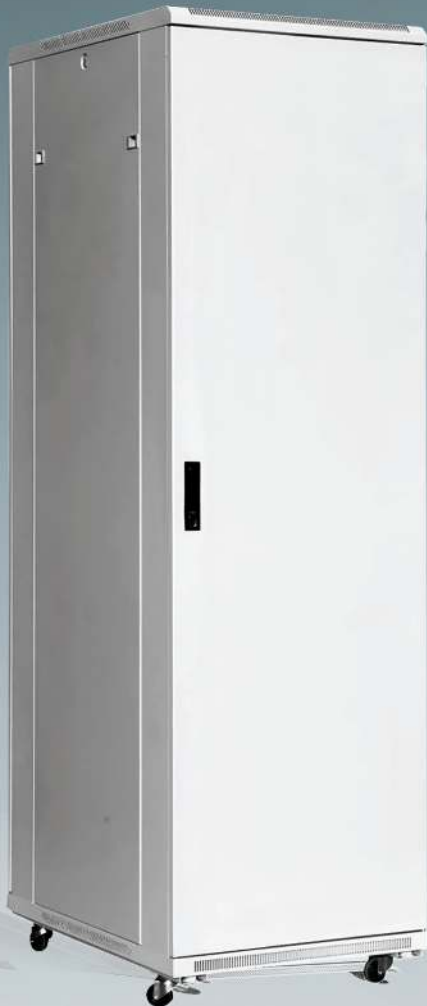
TMI cabinets and racks are constructed from steel sheets. They are specially designed using CAD software, punched and cut by CNC Turret Punch machines, folded by CNC Press Brake machines, then joined together by spot welding. Special knockouts are added to the bottom and top panels, offering effortless cable access. In the case of wall mounted racks, keyholes are added to the back for easy hanging. TMI cabinets and racks go through degreasing and phosphating treatment for corrosion prevention, before proceeding to our powder coating line.





Network & Server Cabinets

32U, 42U & 47U



Plain Doors Cabinet

Width: 600 x 800 mm
Depth: 800 & 1000 mm

Networking cabinets are available in standard heights, widths and depths.

Material Specifications

Material : Cold rolled steel.
Thickness : 1.2 - 1.5mm
Loading Capacity: 1100lbs (500kg)
Surface Finish : Degreased and phosphated for corrosion prevention
Finish : Powder Coating in RAL 7035 (Light Grey) - Textured.



Perforated Doors Cabinet

Width: 600 x 800 mm
Depth: 800 & 1000 mm

Networking cabinets are available in standard heights, widths and depths.

Material Specifications

Material : Cold rolled steel.
 Thickness : 1.2 - 1.5mm
 Loading Capacity: 1100lbs (500kg)
 Surface Finish : Degreased and phosphated for corrosion prevention
 Finish : Powder Coating in RAL 7035 (Light Grey) - Textured.



Glazed Doors Cabinet

Width: 600 x 800 mm
Depth: 800 & 1000 mm

Networking cabinets are available in standard heights, widths and depths.

Material Specifications

Material : Cold rolled steel.
Thickness : 1.2 - 1.5mm
Loading Capacity: 1100lbs (500kg)
Surface Finish : Degreased and phosphated for corrosion prevention
Finish : Powder Coating in RAL 7035 (Light Grey) - Textured.



Double Glazed Doors Cabinet

Width: 600 x 800 mm
Depth: 800 & 1000 mm

Networking cabinets are available in standard heights, widths and depths.

Material Specifications

Material : Cold rolled steel.
 Thickness : 1.2 - 1.5mm
 Loading Capacity: 1100lbs (500kg)
 Surface Finish : Degreased and phosphated for corrosion prevention
 Finish : Powder Coating in RAL 7035 (Light Grey) - Textured.

Network & Server Cabinet

Network Cabinet
Server Cabinet
Features

Technical Drawings
Optional Doors
Supply Incudes

Color Options



TMI Network & Server Rack is specially designed for network servers of high density in IT environment. With accessories of bracket, cable manager, Power Distribution Unit fixing slot, High quality locks, supply safe place for important IT equipment.

Network Cabinet

19" cabinet width 600, 800 / depth 800, 1000

Model	Rack Units (U)	Width (W) (mm)	Depth (D) (mm)
ITR 168321	32	600	800
ITR 168421	42	600	800
ITR 168471	47	600	800
ITR 188321	32	600	800
ITR 188371	37	600	800
ITR 188421	42	600	800
ITR 188471	47	600	800
ITR 160321	32	600	800
ITR 160421	42	600	800
ITR 160471	47	600	800
ITR 180321	32	600	800
ITR 180371	37	600	800
ITR 180421	42	600	800
ITR 160471	47	600	800

Server Cabinet

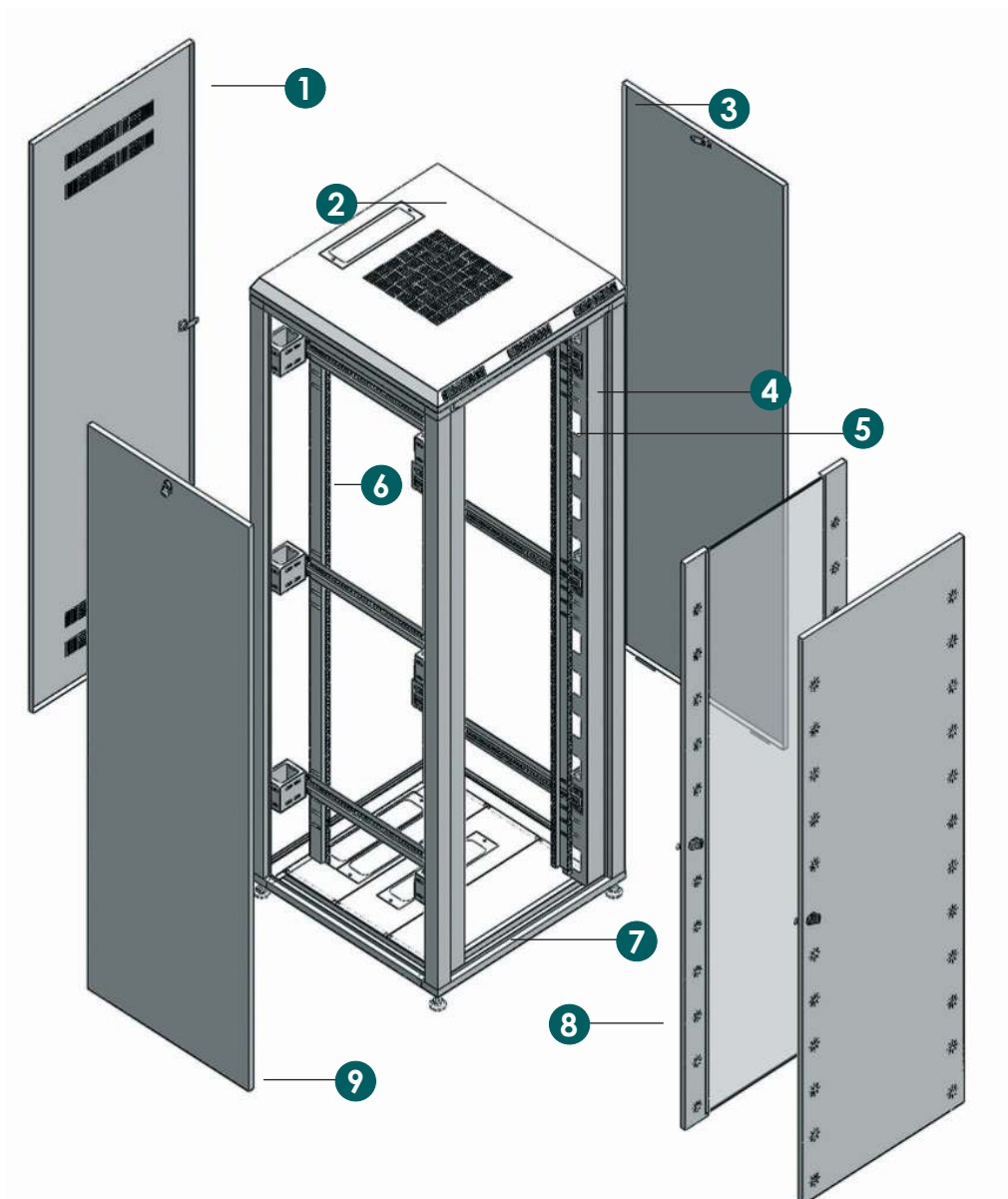
19" cabinet width 800 / depth 1000, 1200

Model	Rack Units (U)	Width (W)	Depth (D)
ITR 480421	42	800	1000
ITR 482421	42	800	1200
ITR 480471	47	800	1000
ITR 482471	47	800	1200

Features

- ❑ Efficiently designed 32U, 42U, 47U server cabinets
- ❑ Solid steel welded & bolted frame to ensure stability
- ❑ Ventilated glazed front door and ventilated steel rear door
- ❑ Pre - punched holes on top and rear of the cabinet for good ventilation
- ❑ Pre - punched holes and opening on top and bottom of the cabinet for cable entry maximum versatility
- ❑ Plug - in side wall
- ❑ Bottom plate with multi piece gland plate
- ❑ Heavy Duty leveling feet
- ❑ Supplied as flat pack, easy to assemble
- ❑ Earthing of all enclosure panel possible through copper coated bolts



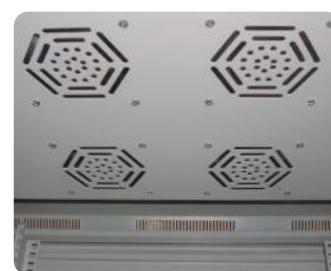


1. Rear Door
2. Top Panel
3. Right Side Panel
4. Frame
5. Cable Guider (Optional)
6. 19" Rail
7. Bottom Panel
8. Security Glass / Steel Front Door
9. Left Side Panel
10. Steel Front Door

Adjustable Mounting Rails



Optional Fans on the Top Cover



Adjustable Levelling Feet & Casters



Removable Side Panel



Toughened Glass Front Door

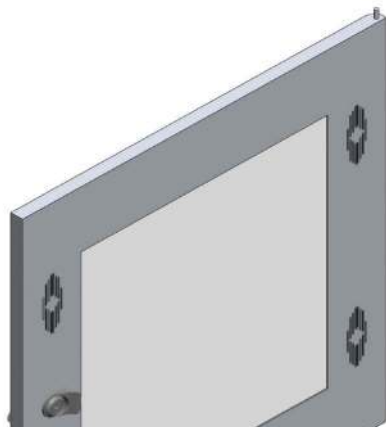
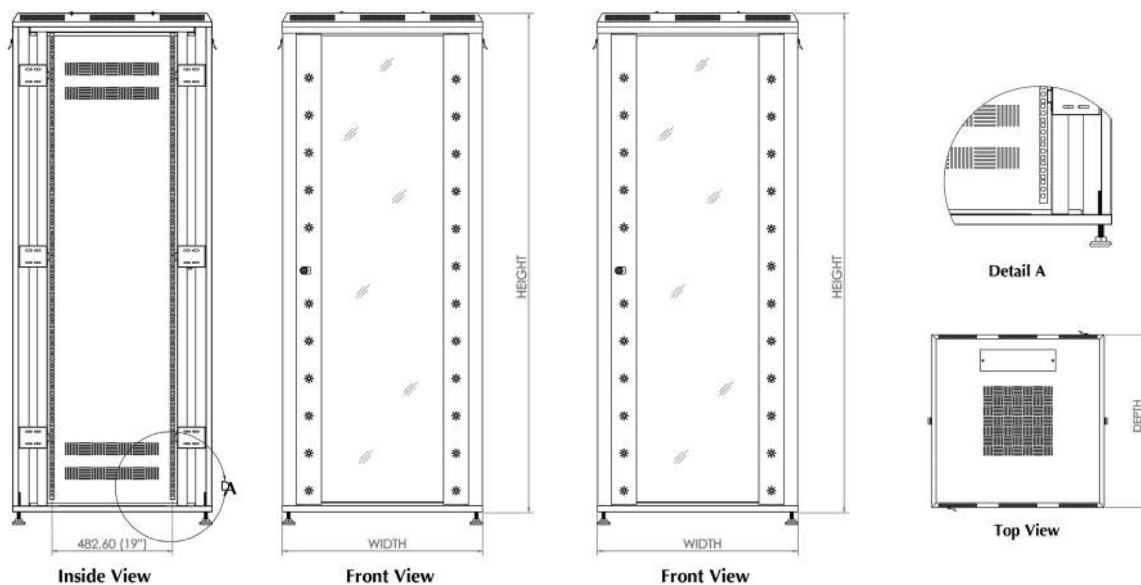


Spring Lock





Technical Drawings



Optional Doors

The front door is made of toughened glass or vented holes, which is at your choice.

Supply Includes

- ▣ Enclosure with doors, front glazed door, rear steel door, both are ventilated
- ▣ 19" - Mounting angles in the front and rear
- ▣ Roof plate with cable entry and ventilation. Bottom with multi - piece gland plate
- ▣ Plug - in side wall (optional with lock)
- ▣ Earthing of all enclosure panels possible
- ▣ Leveling feet
- ▣ RAL 7035 textured (Light Grey)
- ▣ Optional: RAL 9005 Textured (Black)

Color Options

Powder Coating / Industrial Painting

TMI Cabinets factory finished and etched primed to take any paint. We offer a wide range of semi gloss finishes.



TMI®

Wall Mounted Series

6U, 9U, 12U, 15U, 18U & 21U

19" Wall Mounted Cabinets are available in standard heights, widths, and depths.



Single Section Wall Mounted

Width: 600 mm
Depth: 450 & 550 mm



Material Specification

Material : Cold rolled steel.
Thickness : 1.0 - 1.2mm
Loading Capacity: 60kg-100kg
Surface Finish : Degreased and phosphated for corrosion prevention
Finish : Powder Coating in RAL 7035 (Light Grey) - Textured.

Double Section Wall Mounted

Width: 600 mm
Depth: 450 & 550 mm



Material Specification

Material : Cold rolled steel.
Thickness : 1.0 - 1.2mm
Loading Capacity: 60kg-100kg
Surface Finish : Degreased and
phosphated for corrosion prevention
Finish : Powder Coating in
RAL 7035 (Light Grey) - Textured.

Wall Mounted Series

Features
Wall Mounted Series

Technical Drawings
Color Options



TMI Wall Mounted Series designed with provisions to integrate wall mounting, easy equipment access and cable management.

TMI Wall Mounted Series are perfect for network equipment in IT environment with limited floor space.

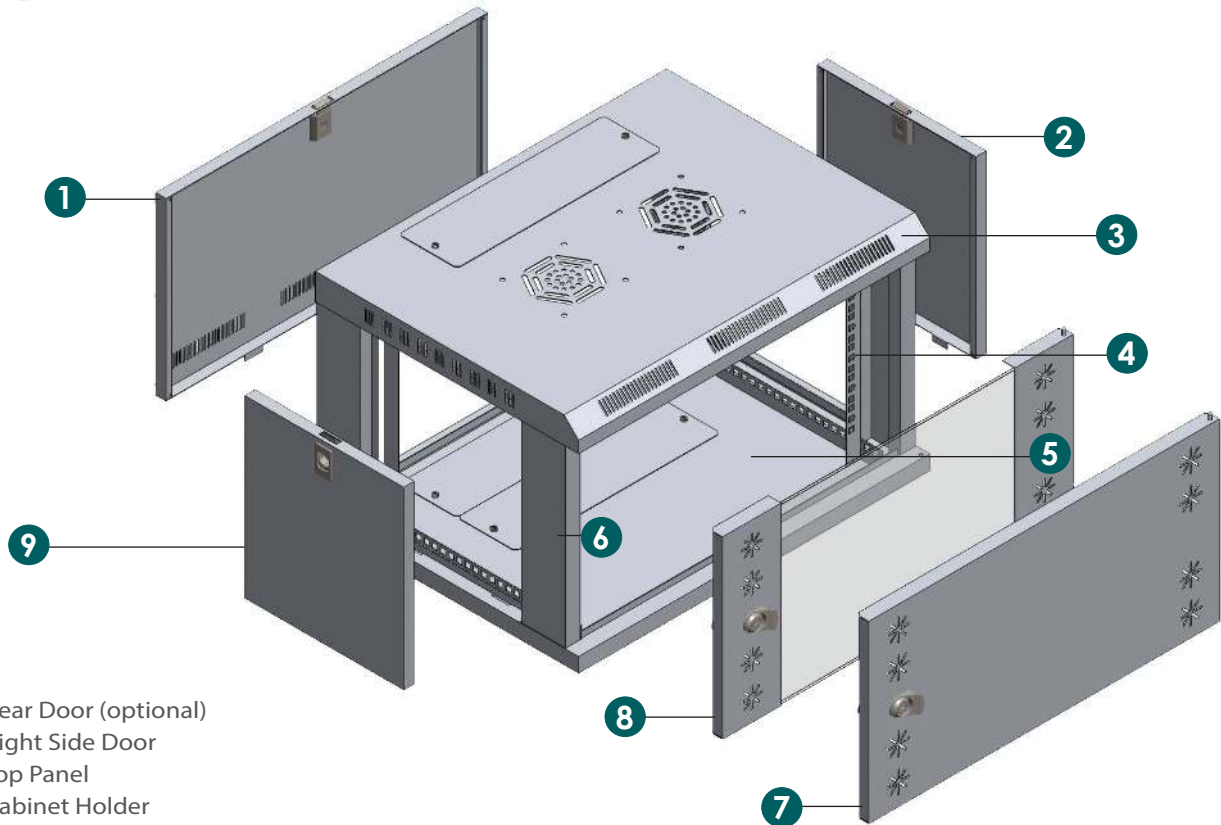
Features

- ❑ Wall mounting or less standing unit
- ❑ Removable side and back panels
- ❑ Fixed (welded) rear wall
- ❑ Top and bottom panel cable entry
- ❑ Ventilation fans are optional
- ❑ Front glass and steel doors
- ❑ Embedded grounding copper coated stud bolts
- ❑ Optional: RAL 9005 Textured (Black)



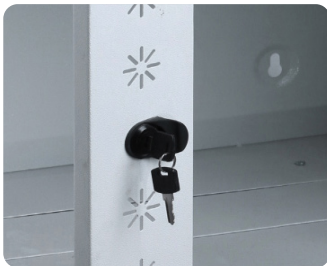
Wall Mounted Series

Model	Rack Units (U)	Width (W) (mm)	Depth (D) (mm)
ITR 264061	6	600	450
ITR 264091	9	600	450
ITR 264121	12	600	450
ITR 264151	15	600	450
ITR 264181	18	600	450
ITR 264211	21	600	450
ITR 265061	6	600	550
ITR 265091	9	600	550
ITR 265121	12	600	550
ITR 265151	15	600	550
ITR 265181	18	600	550
ITR 265211	21	600	550



- 1. Rear Door (optional)
- 2. Right Side Door
- 3. Top Panel
- 4. Cabinet Holder
- 5. Bottom Panel
- 6. Frame
- 7. Steel Front Door
- 8. Toughened Glass / Steel Front Door
- 9. Left Side Door

Small Round Lock



Adjustable Levelling Feet & Casters



Adjustable Mounting Rails



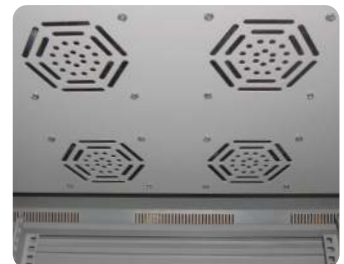
Removable Side Panel



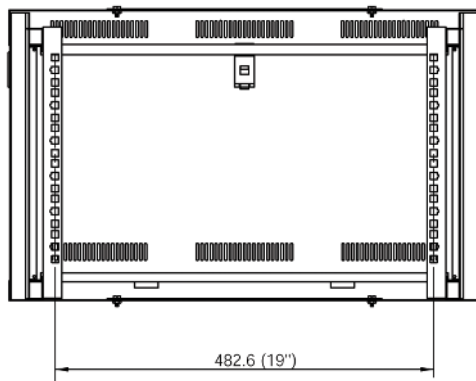
Toughened Glass Front Door



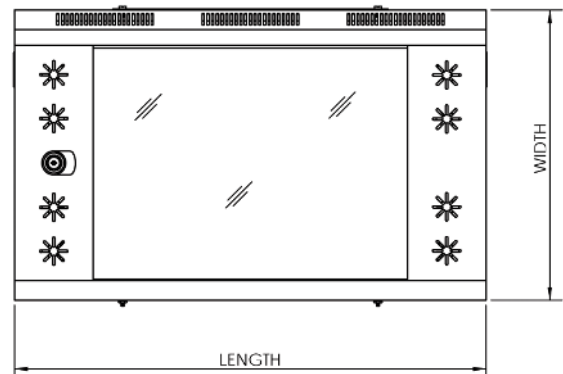
Optional Fans on the Top Cover



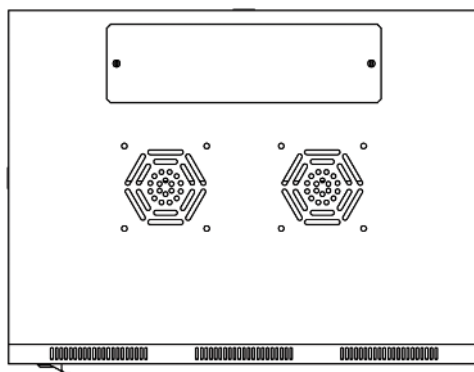
Technical Drawings



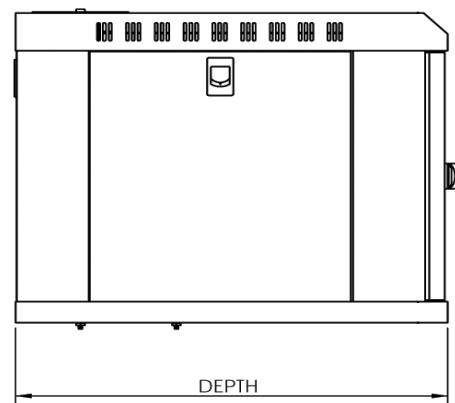
Inside View



Front View



Top View



Side View

Color Options

Powder Coating / Industrial Painting

TMI Cabinets factory finished and etched primed to take any paint. We offer a wide range of semi gloss finishes.



Etisalat & Du Approved Cabinets

standard size 12U

Cabinets approved by Etisalat & Du are available in standard size of 12U.

Choose your own design

Add the relevant - design number, either 1, 2, 3 or 4 behind your selected door Art - No.

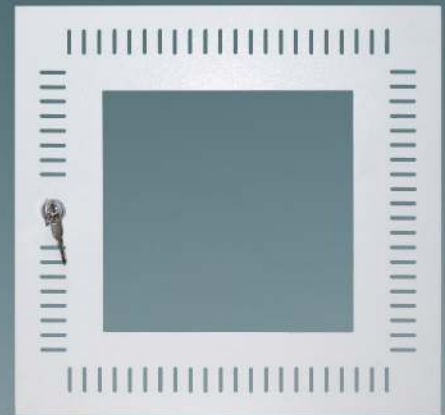
Example: You need a 12U door in design No. 3, then your order should show the following
Art - No: **ITR 760123**



**Framed
Flush Mount**



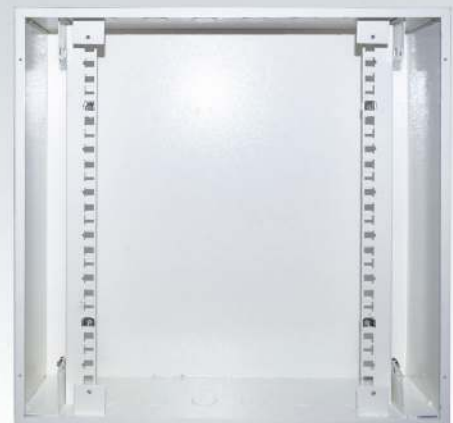
Wall Mount



Width: 600 mm
Depth: 150 & 300 mm

Material Specification

Material : Cold rolled steel.
 Thickness : 1.0 - 1.2mm
 Loading Capacity: 60kg-100kg
 Surface Finish : Degreased and phosphated
 for corrosion prevention
 Finish : Powder Coating in RAL 7035
 (Light Grey) - Textured.



Etisalat & Du Approved Cabinets

Door Design Options
Door Sizes
Technical Drawings

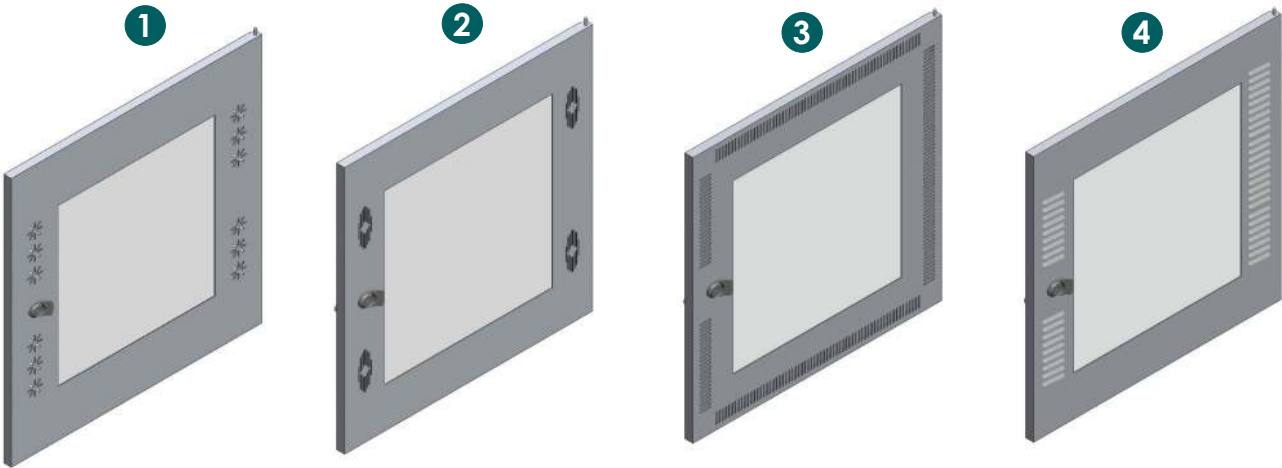
Material Specifications
Features
Color Options



Model	Rack Units (U)	Width (W) (mm)	Depth (D) (mm)	Type
ITR 561121	12	600	150	Flush Mount
ITR 261121	12	600	150	Wall Mount
ITR 263121	12	600	300	Wall Mount



Door Design Options

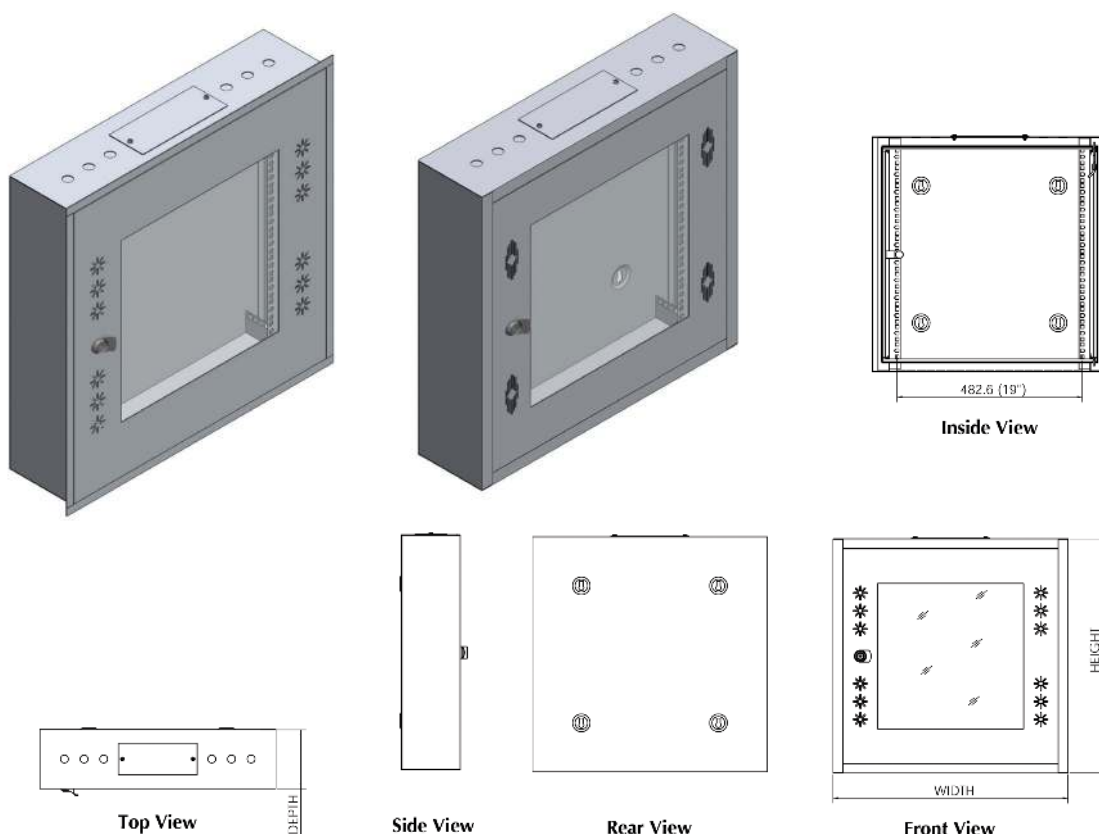


Door Sizes

Model	Rack Units (U)	Width (W) (mm)
ITR 86006	6	600
ITR 86009	9	600
ITR 86012	12	600
ITR 86015	15	600
ITR 86018	18	600
ITR 86021	21	600



Technical Drawings



Material Specification

Material	:	Cold rolled steel.
Thickness	:	1.0 - 1.2mm
Loading Capacity	:	60kg
Surface Finish	:	Degreased and phosphated for corrosion prevention
Finish	:	Powder Coating in RAL 7035 (Light Grey) - Textured.

Features

- ❑ Efficiently designed 12U server cabinets
- ❑ Solid steel construction
- ❑ Available on flush mounted and wall mounted
- ❑ Adjustable 19" mount
- ❑ Mechanical open / close lock
- ❑ Lock handle
- ❑ Inner mount plate with grid mount
- ❑ Top and bottom panel cable entry
- ❑ Ventilation holes on front panel
- ❑ Cabinet can be fitted with 1U patch panel
- ❑ Embedded grounding copper coated stud bolts
- ❑ Optional: different door designs - see page 16

Color Options

Powder Coating / Industrial Painting

TMI Cabinets factory finished and etched primed to take any paint. We offer a wide range of semi gloss finishes.





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Dubai, United Arab Emirates
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United Arab Emirates

www.emirates.ae
www.etisalat.ae

Emirates Telecommunications Corporation
Dubai, United Arab Emirates
P.O. Box 213111, Dubai
United Arab Emirates



Our Ref : ENG/DM/049/2010

Date : 19/04/2010

TMI – TECHNICAL METAL INDUSTRIAL CO. L.L.C.
POST BOX. 41558
ABU DHABI

Attn. JOHNNIE KARKABI

Subject: ONT ENCLOSURE (12U RACK CABINET)

Dear Sirs,

We refer to your visit to Etisalat office with samples & catalog. Regarding the above subject, kindly be informed that the enclosure which you submitted can be used as FTTH ONT Enclosure in Villas / Buildings

Specification:

600mm (W) x 150mm (D) x 600mm (H) - 19" 12U (Residential)
600mm (W) x 300mm (D) x 600mm (H) - 19" 12U (Office)

- Clear Glass Door With Lock
- Front Air Ventilation opening
- Flexible cable entry

Forwarded for your information and further necessary action, please.

Thanking you and assuring you of our co-operation.

Yours faithfully,
For EMIRATES TELECOMMUNICATIONS CORPORATION.

Q
19/04/10

YOUNES KHAMIS SAEED
MANAGER / DATA MAINTENANCE
Abu Dhabi Region



TMI[®]

2 Post Open Frame Rack

19 inch

Ideal for space constrained or cost conscious 19 inch rack mount applications. Multiple units can be bolted together side by side.



Highlights

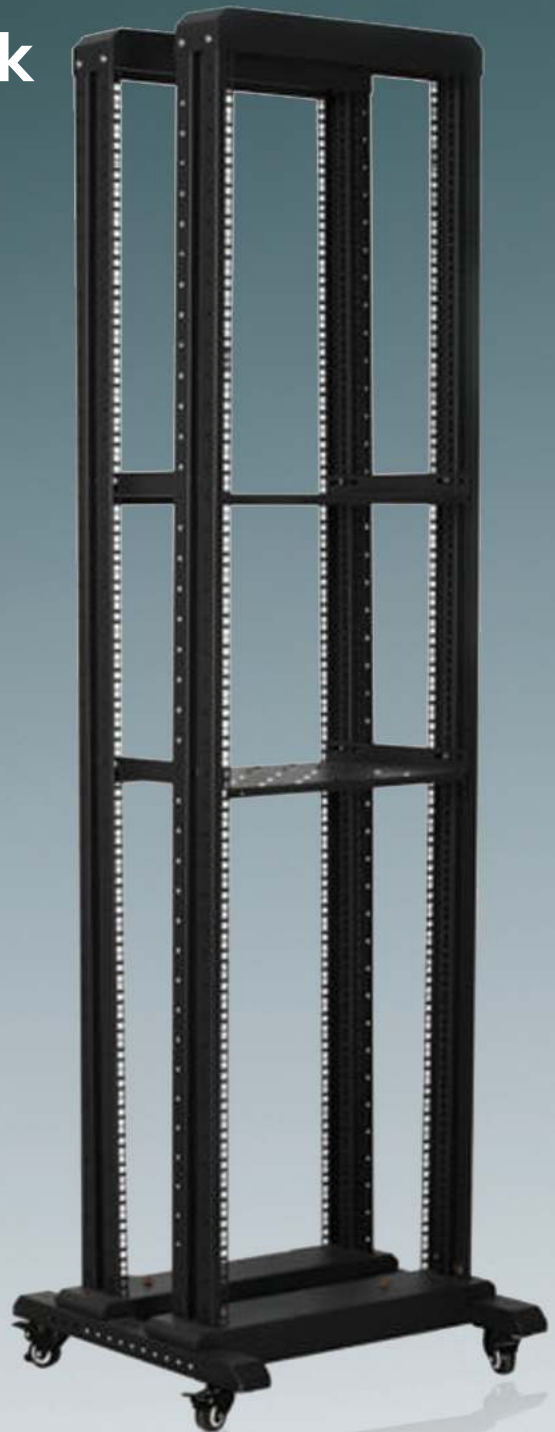
Solid structure, modular design, easy mounting.
Low cost, easy disassemble, delivery and assemble.
Many accessories optional according to requirement.

TMI[®]

4 Post Open Frame Rack

19 inch

Ideal for space constrained or cost conscious 19 inch rack mount applications. Multiple units can be bolted together side by side.



Highlights

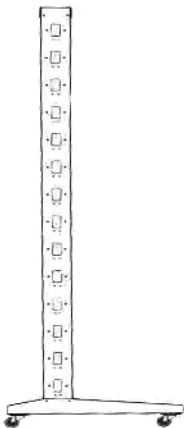
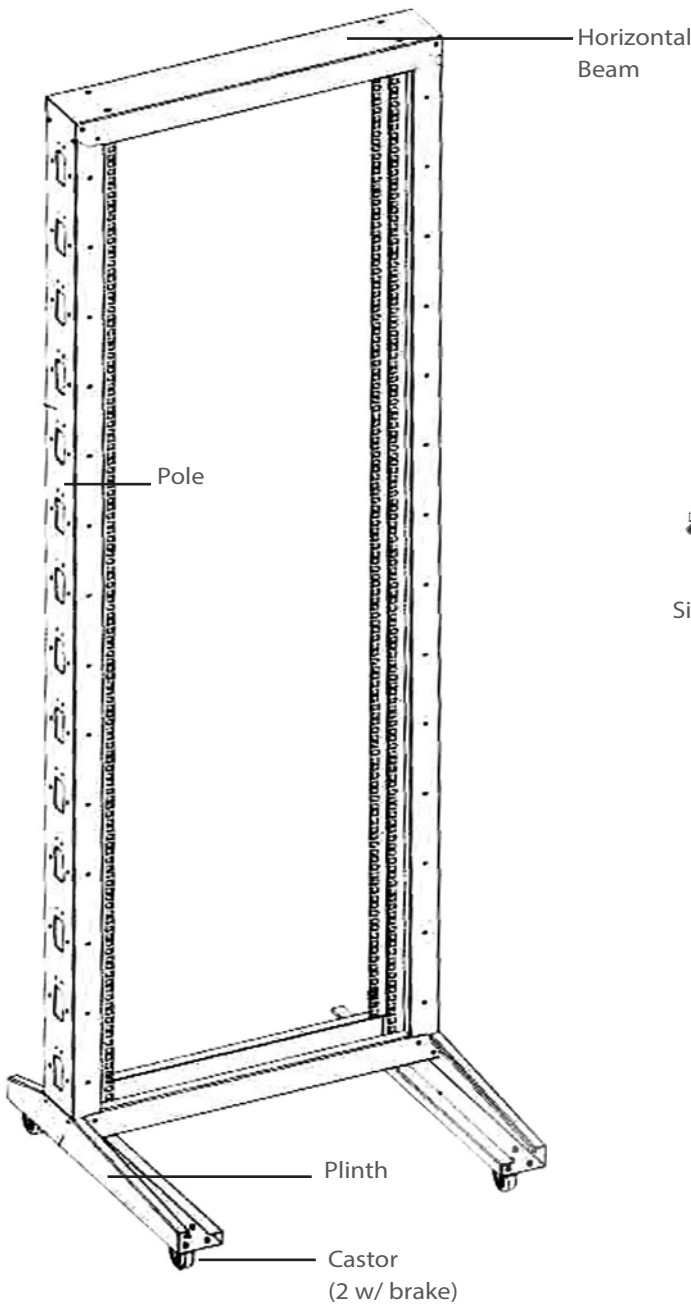
Solid structure, modular design, easy mounting.
Low cost, easy disassemble, delivery and assemble.
Many accessories optional according to requirement.

Post Open Frame Rack

Technical Drawings
Material Specifications



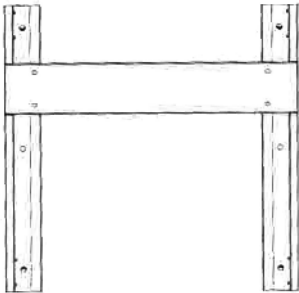
Technical Drawings



Side View



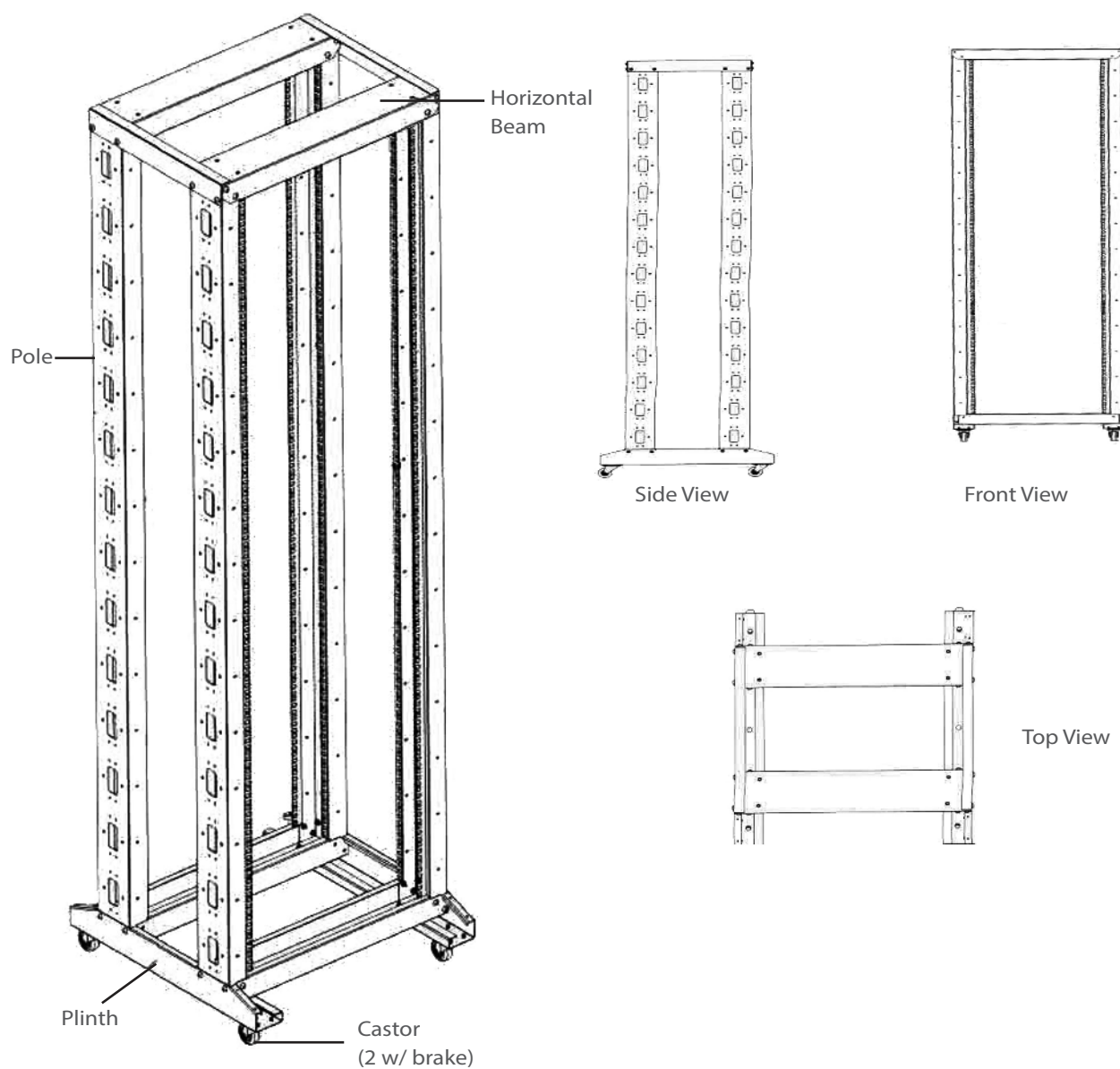
Front View



Top View

Material Specifications

Model	Width (W) (mm)	Depth (D) (mm)	Height (H) (mm)
POFR1185	600	600	1185
POFR1625	600	600	1625
POFR1850	600	600	1850
POFR2070	600	600	2070
POFR2295	600	600	2295



Material Specifications

Model	Width (W) (mm)	Depth (D) (mm)	Height (H) (mm)
POFR1187	600	600	1187
POFR1631	600	600	1631
POFR1854	600	600	1854
POFR2076	600	600	2076
POFR2298	600	600	2298

Accessories

We provides you varieties of accessories, which are compatible with the leading brands of racks, cabinets in the market.

Rack Shelves

Easy to install venter 19' shelf mounts easily with screws onto rack rails of IT department



Cooling Solution

Cooling solution accessories enhance the natural convection airflow within a cabinet when installed with standard 19" rack. It is mainly used for 19" rack-mounted equipment and data center for certain power of targeted heat.





Cable Management

For routing and bundling cable on standard 19" rack, makes a complete cable management system when used with vertical and horizontal cable managers.



Power Distribution Units (PDU)

Cooling solution accessories enhance the natural convection airflow within a cabinet when installed with standard 19" rack. It is mainly used for 19" rack-mounted equipment and data center for certain power of targeted heat.



Castor Wheel

A set of castor wheels. Maximum Loading capacity 250kg



Bolts, Nuts & Washers



Custom Designed Cabinets

We can do any customized fabrication for server cabinets in any design or color. Sample models are shown below.



ITR0001



ITR0002



ITR0003



ITR0004



ITR0005



ITR0006



ITR0007



ITR0008



ITR0009



ITR0010



ITR0011



ITR0012



ITR0013



ITR0014



ITR0015



ITR0016

Additional Products



CUPBOARD



Material Specifications

Material	: Galvanized Steel
Thickness	: 1.2mm
Finish	: Powder Coating
Size	: as per client request.

Surface Protection

The treatment of outer surfaces

- ❑ Degreasing of sheet steel
- ❑ Sheet steel is then phosphated
- ❑ Powder Coating (60-80 micron)
- ❑ Stove enameling

Standard Powder Coating is resistant to

- ❑ Mineral Oil
- ❑ Lubricants
- ❑ Solvents (briefly e.g. during cleaning)
- ❑ Weak acids and alkaline

Coating Procedures	Technical Properties
Degreasing and Phosphating	Used for passivation, as corrosion protection and to improve paint adhesion.
Textured Powder Coating	Powder coating is distinguished by a high level of mechanical resistance, excellent corrosion protection, good resistance to chemical, and by its temperature, weather and its facility for decontamination.



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Ras Al Khaimah

E-mail : tmi@tmico.ae
Website: www.tmi-co.com



Manufacturers of:

- Ceiling Suspension Systems & Partitions
- Expanded Mesh & Metal Products
- Cable Management Systems
- Industrial Gratings
- Stone Fixtures
- Metal Doors & Frames
- Industrial & IT Cabinets
- Highway Guardrail
- Fencing & Barriers
- Industrial Shelving Systems
- Aluminium Ladders

In House Services:

- Steel Fabrication
- Powder Coating
- Hot Dip Galvanizing
- Industrial Painting



شركة تصنيع المعادن الفنية ذ.م.م.

Technical Metal Industrial Co. L.L.C.



Engineering Department

