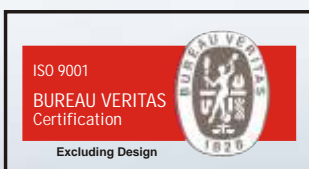
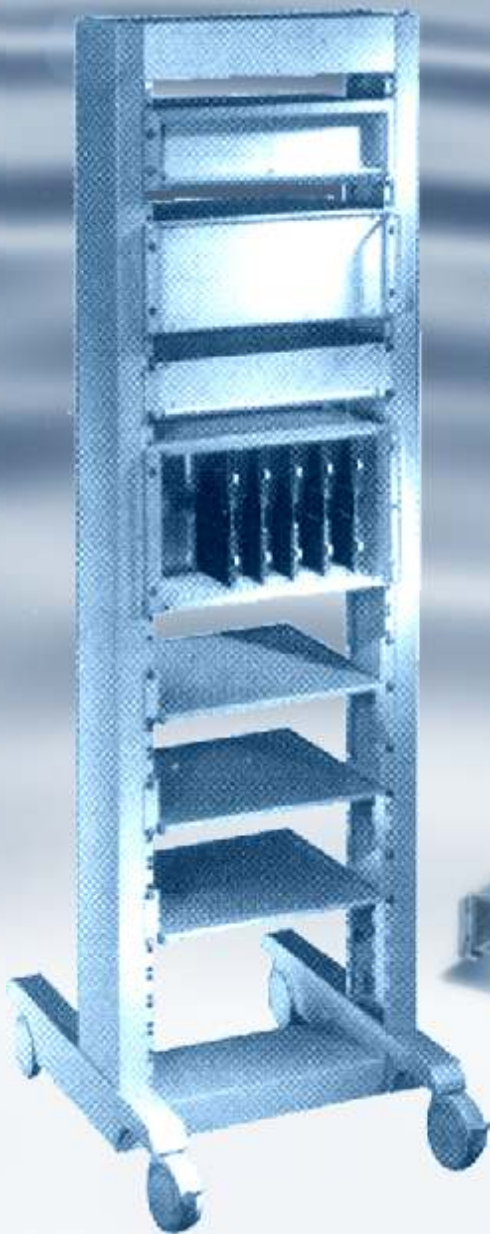


PreciRack



Precision Racks Mfg. Co.

COMPANY PROFILE

Precision Racks Manufacturing Company (PRMC) was started in the year 1972 as an ancillary unit to the telecommunication's major - Indian Telephone Industries Limited.

Over the years PRMC has established itself as a manufacturer and exporter of high quality electronic modular enclosures. Today, PRMC's product range includes 19" Floor Standing Racks, Wall Mounting Racks, Sub-racks, Instrument Cases and a wide variety of accessories catering to various industry verticals such as Aerospace, Defense, Computers, Electronics and Telecommunications.

The state-of-the-art infrastructure, diversified product line, highly skilled work force and a dynamic management team have helped PRMC scale the heights of success and become one of the leading manufacturers in its product category.

PRODUCT RANGE

- 19" Racks & Accessories
- Card Frames
- Computer Consoles
- Instrument Cases
- Open Racks
- Outdoor Cabinets
- Relay Racks
- Server Racks
- Sheet Metal Racks
- Termination Racks
- Wall Mount Racks
- Custom-made Modular Enclosures

KEY CLIENT VERTICALS

- Aerospace & Defence Establishments
- Automation & Instrumentation Industry
- Broadcasting
- Information Technology & Networking
- Medical Systems
- Railway Signaling
- Telecommunications



SALIENT FEATURES

Our Team

Our top management team consists of postgraduates from the Indian Institute of Technology, Madras and the Indian Institute of Management, Ahmedabad. A dynamic team of experienced professionals and a highly skilled work force supports them.

Financial Stability

PRMC is a part of a successful group of engineering industries with a major presence in automotive components, sheet metal products, building and material handling equipments. We have had a continuous and robust year on year growth in sales with consistent profit earnings throughout our 35 years of existence.

Quality Management System

We have always endeavored to maintain the highest quality standards in our processes and pass on the resultant benefit in terms of Quality, Cost and Delivery to our customers thereby strengthening our ties with them.

PRMC is an **ISO 9001 : 2000** certified company with an effective quality management system.

Cost Competitiveness

Our entire team is committed to keep the costs down in every aspect of our business and provide cost-effective solutions to our customers.

Delivery Capability

PRMC has been continuously upgrading its manufacturing facilities and installing additional capacity. This has enabled the company to reduce the lead-time for product development and deliver quickly and competitively.

Product Certifications

Our design team is continuously working on improving our product designs and working towards a variety of product certifications. Our enclosure systems are certified for Ingress Protection up to IP 55 requirements.

Environment Management System

We have a strong commitment to preserving the environment in which we work and live. We have a clearly defined environment policy and are working towards getting certified for the Environment Management Standard **ISO 14001**.

Best Practices Followed

- Customer Satisfaction Index (CSI) Survey
- Statistical Quality Control (SQC)
- Total Productive Maintenance (TPM)
- Bench marking
- Value Engineering

Last but not the least, our outstanding accomplishments in Customer Satisfaction has rewarded us with an ever-supportive array of customers who are the backbone of PRMC.

PRECIRACK 10 SERIES RACK

Precirack 10 series rack are aesthetically designed with medium duty aluminium extrusions. The frame of the rack includes four vertical and eight horizontal pillars which when assembled with corner brackets and base plate ensure the rigidity and strength of the rack.

The rack is capable of handling upto 400kg.

This rack can be supplied in an assembled condition or in fully knocked down condition.

SALIENT FEATURES

- Rack conforms to DIN 41494
- Rear door made of steel with lock
- Front acrylic or glass door
- Side panels with latch lock or screw type
- 19" Mounting angle for mounting the equipments
- Load carrying capacity of 400 kgs
- All round accessibility
- Vented on the top cover

SIZES

- Height 24U, 32U, 36U, 42U & 45U
- Width 600mm & 800mm
- Depth 600mm & 800mm

MATERIAL AND FINISH

Proprietary medium duty aluminium extrusions. Powder coated RAL 7032/7035 (Siemens Grey) , RAL 7037 (Dark Grey), Black or as per customer specifications.

SCOPE OF SUPPLY

Aluminum extrusion frame along with top & bottom panels in steel.

OPTIONAL ACCESSORIES

- Front door with acrylic or toughened tinted glass
- Rear steel door
- Side Panels
- Stationery shelf
- Cantilever Tray
- Rotary key board tray
- Sliding trays
- Fan tray with 2 or 4 fans
- Cable channels
- Support angles
- Earth continuity kit
- Castors



Ordering Information

Dimensions H x W x D	Part Code
24U x 600 x 600	10-24-60-60
32U x 600 x 600	10-32-60-60
32U x 600 x 800	10-32-60-80
36U x 600 x 600	10-36-60-60
36U x 600 x 800	10-36-60-80
42U x 600 x 600	10-42-60-60
42U x 600 x 800	10-42-60-80
45U x 600 x 600	10-45-60-60
45U x 600 x 800	10-45-60-80

PRECIRACK 12 SERIES RACK

Precirack 12 series racks are aesthetically designed with heavy grade aluminium extrusion. The design provides protection to the equipment and reduces the dust entry.

The rack is capable of handling upto 600 kgs

This rack can be supplied in assembled condition or fully knocked down condition.

FEATURES

- Rack conforms to DIN 41494
- Rear door made of steel with lock
- Front acrylic or glass door
- Side panels with latch lock or screw type
- 19" mounting angle for mounting the equipments
- Load carrying capacity of 600 kgs
- All round accessibility
- Vented top cover

SIZES

- Height 24U, 27U, 30U, 36U & 42U
- Width 600mm & 800mm
- Depth 600mm & 800mm



MATERIAL AND FINISH

Proprietary medium duty aluminium extrusions. Powder coated RAL 7032/7035 (Siemens Grey) , RAL 7037 (Dark Grey), Black or as per customer specifications.

SCOPE OF SUPPLY

Aluminum extrusion frame along with top & bottom panels in steel.

OPTIONAL ACCESSORIES

- Front door with acrylic or toughened tinted glass
- Rear steel door
- Side Panels
- Stationery shelf
- Cantilever Tray
- Rotary key board tray
- Sliding trays
- Fan tray with 2 or 4 fans
- Cable channels
- Support angles
- Earth continuity kit
- Castors

ORDERING INFORMATION

Dimensions H x W x D	Part Code
24U x 600 x 600	12-24-60-60
27U x 600 x 600	12-27-60-60
30U x 600 x 600	12-30-60-60
30U x 600 x 800	12-30-60-80
30U x 800 x 600	12-30-80-60
30U x 800 x 800	12-30-80-80
36U x 600 x 600	12-36-60-60
36U x 600 x 800	12-36-60-80
36U x 800 x 600	12-36-80-60
36U x 800 x 800	12-36-80-80
42U x 600 x 600	12-42-60-60
42U x 600 x 800	12-42-60-80
42U x 800 x 600	12-42-80-60
42U x 800 x 800	12-42-80-80

PRECIRACK 30 SERIES RACK

Precirack 30 series racks are economical solution for networking and telecom sectors. This has welded frame steel frame that offers strong and sturdy support for installation of 19" equipment and accessories.

SALIENT FEATURES

- Rack conforms to DIN 41494
- Rear door made of steel with lock
- Front acrylic or glass door
- 19" mounting at front and rear
- Top and bottom covers provided with cable entry at top and bottom
- Removable side panels
- Load carrying capacity of 250 kgs

SIZES

- Height 24U, 27U, 30U, 36U & 42U
- Width 600mm
- Depth 600mm & 800mm

MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray)
Or as per customer specifications.

SCOPE OF SUPPLY

- Basic frame
- Top cover
- Bottom gland plate
- 19" Mounting angle front and rear

OPTIONAL ACCESSORIES

- Steel or Glass door
- Side panels
- Stationery shelf
- Cantilever shelf
- Horizontal power strip
- Vertical power strip
- Castors



ORDERING INFORMATION

Dimensions H x W x D	Part Code
24U x 600 x 600	30-24-60-60
27Ux600x600	30-27-60-60
30Ux600x600	30-30-60-60
36Ux600x600	30-36-60-60
36Ux600x800	30-36-60-80
42Ux600x600	30-42-60-60
42Ux600x800	30-42-60-80

PRECIRACK 32 SERIES RACK

Precirack 32 series racks are constructed using heavy duty welded steel frame. This product offers the facility of 19" mounting equipments as well as wider ETSI equipment to be fitted.

The Server Rack has the loading carrying capacity of 500 kgs.

SALIENT FEATURES

- Rack conforms to DIN 41494 and ETSI specifications
- Rear door made of steel with lock
- Front acrylic door or glass door
- 19" mounting angles
- Top and bottom with cable entry option
- Removable side panels
- Load carrying capacity of 500 kgs



SIZES

- Heights: 24 U, 27U, 30U, 36U & 42U
- Width: 600mm & 800mm
- Depth: 600mm & 800mm

MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray)
Or as per customer specifications.

SCOPE OF SUPPLY

- Basic frame
- Top cover with cable entry and provision for fan tray
- Bottom cover with gland plate
- Front and rear 19" mounting angles

OPTIONAL ACCESSORIES

- Steel or glass door
- Side panels
- Lifting eye bolt
- Castors
- Stationary shelf
- Sliding shelf
- Cantilever shelf
- Vertical power strip
- Horizontal power strip
- Mounting hardware

ORDERING INFORMATION

Dimensions H x W x D	Part Code
24U x 600 x 600	32-24-60-60
27Ux600x600	32-27-60-60
30Ux600x600	32-30-60-60
36Ux600x600	32-36-60-60
36Ux600x800	32-36-60-80
42Ux600x600	32-42-60-60
42Ux600x800	32-42-60-80

PRECIRACK 34 SERIES RACK

Precirack 34 series racks has been developed specially for the engineering and automation industry. The racks are constructed using a specially developed heavy duty 10 fold welded steel frame. The 34 Series Rack has the loading carrying capacity of 500 kgs.

SALIENT FEATURES

- Rack conforms to DIN 41494 and ETSI specifications
- Rear door made of steel with lock
- Front acrylic door or glass door
- 19" mounting angles
- Top and bottom with cable entry option
- Removable side panels
- Load carrying capacity of 500 kgs



SIZES

- Heights: 24 U, 27U, 30U, 36U & 42U
- Width: 600mm & 800mm
- Depth: 600mm & 800mm

MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray) Or as per customer specifications.

SCOPE OF SUPPLY

- Basic frame
- Top cover with cable entry and provision for fan tray
- Bottom cover with gland plate
- Front and rear 19" mounting angles

OPTIONAL ACCESSORIES

- Steel or glass door
- Side panels
- Lifting eye bolt
- Castors
- Stationary shelf
- Sliding shelf
- Cantilever shelf
- Vertical power strip
- Horizontal power strip
- Mounting hardware

ORDERING INFORMATION

Dimensions H x W x D	Part Code
24U x 600 x 600	34-24-60-60
27Ux600x600	34-27-60-60
30Ux600x600	34-30-60-60
36Ux600x600	34-36-60-60
36Ux600x800	34-36-60-80
42Ux600x600	34-42-60-60
42Ux600x800	34-42-60-80

PRECIRACK 60 SERIES WALL MOUNT RACK

Precirack 60 series wall mount rack is single section configuration.

A welded frame construction adds rigidity to the cabinet with top and bottom cable entry. These wall mounted cabinets provides flexibility for cable management.

SALIENT FEATURES

- Single section
- Rigid frame which can be fixed directly to the wall
- 600mm width x 500mm depth
- Capable of handling upto to 40 kgs
- 19" mounting angle at the front and rear
- Cable entry at top and bottom
- Front with glass door and lock

SIZES

- Heights: 6U, 9U, 12U and 15U
- Width: 600mm
- Depth: 500mm



MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray) or as per customers specifications.

OPTIONAL ACCESSORIES

- 1U fan tray with 2 fan position
- Fans
- Cantilever shelf
- Cable manager
- Power distribution box
- Mounting hardware

SCOPE OF SUPPLY

The single section cabinet are one piece construction and fixed directly to wall. It has tinted glass door in the front.

ORDERING INFORMATION

Sizes	Part Code
6U	60-6-60-50
9U	60-9-60-50
12U	60-12-60-50
15U	60-15-60-50

PRECIRACK 62 SERIES WALL MOUNT RACK

Precirack 62 series wall mount rack has a double section configuration that provides easy access to the rear equipment mounted in the cabinet.

A welded frame construction adds rigidity to the cabinet

With top and bottom cable entry, these wall mounted cabinets provides flexibility for cable management.

FEATURES

- Double Section
- Rear wall-mounted section hinged to the front section.
- 600mm width x 500mm depth
- Capable of handling upto 20 kgs
- 19" Mounting angle Front and Rear
- Cable entry at Top and Bottom
- Front with Glass door and lock



SIZES

- Heights: 6U, 9U, 12U and 15U
- Width: 600mm
- Depth: 500mm

MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray) or as per customers specifications.



OPTIONAL ACCESSORIES

- 1U fan tray with 2 fan position
- Fans
- Cantilever shelf
- Cable Manager
- Power Distribution Box
- Mounting Hardware

SCOPE OF SUPPLY

The Double Section cabinet consists of stationary rear section which is fixed to the wall, and front section which is hinged to the rear section and swings open so as to provide access to the rear part.

It has tinted glass door in the front

ORDERING INFORMATION

Sizes	Part Code
6U	62-6-60-50
9U	62-9-60-50
12U	62-12-60-50
15U	62-15-60-50

PRECIRACK 50 SERIES OPEN RACK

Precirack 50 series rack has an open frame and is made of steel. It is designed for mounting 19" equipments and patch panels. This open rack offers all round accessibility.

SALIENT FEATURES

- Multiple height options
- Floor Standing
- Baying options

MATERIAL AND FINISH

Steel cabinet that are powder coated in RAL 7035 (Seimens Gray) or as per customers specifications.

SCOPE OF SUPPLY

Consists of steel vertical equipment mounting channels connected by a cross member at the top and heavy gauge steel angles at the base.

OPTIONAL ACCESSORIES

- Cantilever shelf
- Cable manager
- Horizontal power strip
- Earth continuity kit

ORDERING INFORMATION

Height	Width	Part Code
27U	19"	50-27-60
37U	19"	50-37-60
42U	19"	50-42-60
45U	19"	50-45-60



CUSTOM MADE MODULAR ENCLOSURES



Outdoor Pillar



Computer Console



19" Lab Rack



Control Desk

PRECISION RACK ACCESSORIES

PRMC offers a wide variety of accessories that compliment its entire range of products. These accessories enhance the product utility and enable the user to easily mount and integrate different equipments into the system.

Apart from standard accessories listed below any special accessories needed to suit customers critical applications can be supplied on request. Our engineers can interact with the customer's design team to find the optimal suite of accessories to enhance the value for the customer.

STATIONERY SHELF

The shelf is used for placing equipment of less than 19" width in the cabinet.

Vertical angles are used to mount the shelves.

Shelf dimensions are based on customer requirements.

Load bearing capacity is up to 60 kg.



SLIDING SHELF

Telescopic slides are used for mounting the sliding shelf which enables the user to take out equipment for repairs or rewiring.

Telescopic slides are selected based on load bearing capacity required which can vary from 30 kg to 100 kg.



CANTILEVER TRAY

Mostly used on non-standard equipments.

Cantilever tray is fixed to front mounting angles with 2U height.

Load bearing capacity is up to 20 kg.



ROTARY KEY BOARD TRAY

This tray enables the user to store a key-board in a convenient way and to slide out the same whenever needed. This user friendly accessory neatly fits into the system and increases the visual appeal of the system.



FAN TRAY

PRMC fan trays are very popular and versatile. They can be supplied with two or four fans arrangement with suitable fan guards. Surface finish of these trays can be electro plated or powder coated.



POWER DISTRIBUTION BOX

The Power Distribution Box comes with a 15 Amps main switch, fuse holder, indicator and a cable for connecting to the power source. The standard models have six 5 Amp sockets but the number of sockets can be customized to meet customer requirements.



MOUNTING HARDWARE

The mounting hardware comprises of specially designed cage nuts, washers and screws with quality electroplating plating that are easy use by the customers.



LIFTING HOOKS

A set of four steel lifting hooks is supplied with electroplated finish. The load bearing capacity is up to 400kg.



LEVELING FOOT

Leveling feet are provided to enable floor mounted racks to be used on uneven surfaces. These are fitted at the bottom of the rack and generally have electroplated surface finish.



CASTOR WHEELS

Castor wheels enable the user to move the racks from one place to another. Castor wheels are supplied in sets of four, two without breaks and two with foot-operated brakes. The size and material of the castor wheel is decided based on the load bearing capacity of the rack.



ACCESSORIES FOR SUB-RACKS

CARD GUIDES

These moulded guides are provided to accommodate PCBs of different lengths. Excellent materials are used to manufacture these guides, which provide the strength to absorb vibrations. Length of card guides varies from 140mm to 210mm.

THREADED STRIPS

Threaded strips are used for fixing the front panels, fascia plates and modules. Manufactured out of steel strips with tapped holes the strips have electroplated surface finish.

PULL OUT HANDLES

Special Aluminum extrusions are used to manufacture pull out handles, which are convenient to operate. The necessary fixing hardware is supplied along with handles, which come with anodized finish in a wide variety of colours.

FACIA PANELS

Facia Panels are made of Aluminum with an anodized surface finish. These are supplied in widths of 3U to 6U with necessary fixing hardware.

INFRASTRUCTURE

PRMC's manufacturing facility is located at Bangalore – India's Silicon Valley. It is situated within the Information Technology Corridor area with excellent transport and communication facilities. Our unit is in close proximity to the inland container port terminal and the international airport.

PRMC operates out of its own premises with adequate land, building, power, water and other manufacturing facilities.

Our manufacturing facilities include

- CNC Turret Punch Presses
- CNC Press Brakes
- NC Shearing Machines
- Power Presses
- Wide range of Welding Equipments
- Fabrication Accessories
- CAD/CAM Facility
- Adequate Inspection and Testing Facility
- In-house finishing facility with 7 tank pre-treatment set-up



CNC Turret Punch Press

In addition to our in-house facilities we have a well-established vendor network for –

- Special processes such as laser cutting
- Product testing at accredited testing facilities
- Manufacture of special tools, jigs and fixtures
- Finishing operations such as hot dip galvanizing, electroplating and sand blasting



CNC Press Brake



NC Shearing



Welding



Spot Welding

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Disclaimer

All specifications are as per Precision Racks Mfg. Co. standards. Precision Racks Mfg. Co. reserves the right to modify product specifications or data appearing in this catalogue without prior notice.