

**TATA TRYNOX<sup>®</sup>**



**Floor Mounted Enclosures**  
for LAN and WAN Applications

## About TSPDL

Tata Steel Processing and Distribution Limited was originally set up in 1997 as Tata Ryerson Limited, a joint venture between Tata Steel Limited of India and Ryerson Inc. of the USA. In 2010 TSPDL became a wholly owned subsidiary of Tata Steel.

With 10 large processing units, 13 distribution locations and a host of partners like external processing agencies, customers, suppliers and other stakeholders, today TSPDL is India's largest steel service centre organization.

World class processing facilities and comprehensive quality assurance systems combine to make TSPDL a benchmark in the steel service industry.

Steel processed at our Service Centres are used by internationally reputed companies like Toyota, Nissan, Honda, Ford, Tata Motors, Tata Hitachi, JCB, Schneider, ABB, Schindler, Samsung and many others.

TSPDL Plants have been awarded IATF 16949:2016 and OHSAS 18001:2007 quality system certifications. Apart from these, TSPDL has also achieved ISO 14001: 2004 certification. Our TADA unit is SQEP Platinum Certified supplier to Caterpillar India.



## Milestones

- More than 20 Years of Experience
- ₹ 4,200 crore turnover in FY 19
- 800 + Employees
- 13 Distribution Locations across India
- Achieved combined volume of 2.5 million metric tons of processing and distribution in FY 19
- 10 Processing Units across India
- 1,600+ Customers

## New Product Development

TSPDL has ventured into many value added products including IT Racks for LAN, WAN and Servers. TSPDL has developed Wall mount enclosures of all standard sizes under the brand name of TRYNOX™ from 2U to 15U. TSPDL also has the full range of Floor Mounted IT Enclosures up to 45U.

TSPDL continues to evaluate other new products and services on a regular basis.



An IT Floor mount Rack Solution from the House of TATA's

## Floor Mount Gets Built on Its own!

The Floor Mounted racks has been designed in such a way that it is easy to Assemble and Install with several high end features.

Flexibility in 19" standard size for compatibility with TRYNOX PDU's, Cable Managers, Keyboard and Fixed Trays with other accessories.

Simple guideline for easy installation at desired locations which saves time and money.

## Our Standard Stackable range

SI No	Capacity	Width	Depth
1	17 U	600	600/800
2	22 U	600	600/800
3	24 U	600	600/800
4	27 U	600	600/800
5	32U	600/800	800/1000
6	36U	600/800	800/1000
7	42U	600/800/1000	800/1000/1200

\* Width and Depth are in mm



## Overview

Standard Rack configuration is of 5 fold welded frame with 4 nos. of pillars made from 1.5 mm thick CRCA sheet and is welded from top to bottom for reinforcement.

This is joined to top cover and bottom cover having air cooled ventilation for exhaust of hot air. Front

door having provision of glass as well as perforation with adequate ventilation at the rear door. Both the side panels are fitted with slam latches for easy removal.



## Front and Rear Door

### Certifications

- Degrees of Ingress Protection, IP 20 according to IEC 60529
- Degree of Impact Protection, IK 08 according to IEC 62262
- Corrosion Resistance through Salt Spray test according to ISO 9227 for 168 hours protection
- Weight carrying capacity ( Certified through In-house Tests - 1250 Kg )
- Process validations through NABL laboratory ensures a Compliant & Robust Product

### Powder Coating

- Fine texture matte finish achieved through Epoxy polyester Hybrid Powder
- Booth is designed to prevent excessive powder loss to comply Environment regulations.
- Booth deploys modern Recycle & Auto Reciprocator system to deliver required DFT. Standard being set for 60-80 Microns for our standard product range

### The powder coating ensures the following

- 60 – 80 Micron powder deposit
- Fine Texture Finish for Aesthetic appearance
- High Scratch resistance against any sharp object

### Earthing Solutions

- DIN standard earthing solutions are available on request
- Clean earth system with a Electrolytic Copper 99.99 % Pure, running as per demand is possible to configure in factory built assembly With Leakage current results certifications



FRAME	DOORS	SUPPORT CHANNELS
1.5 mm CRCA Multi Fold Fabricated Frame to achieve high structural Strength. Designed to carry load upto 1250 Kgs.  Easy to Assemble with the SKD design.	Front & Rear door Full height flush till top Cover. Absence of Horizontal gap between the door and the top panel. 45 degree Oblong pattern on the front door	Support Channel gets screw fixed directly to front & Rear frame. Gives High strength Load gets divide on robust Welded Frame.
TOP PANEL	HONEYCOMB – SINGLE AND DOUBLE DOORS	19" RAILS
Made of 1.2 mm CRCA and concealed from exterior view. Allows provision for 4 nos. Fan mounting.  Helps in easy installation like cable tray support	Single and double door with 3 Point locking system of high end make hardware's.  Provision for Honeycomb	4 nos. U marked Rails made of 2 mm CRCA sheet.  These are adjustable with the depth space provided in the rack

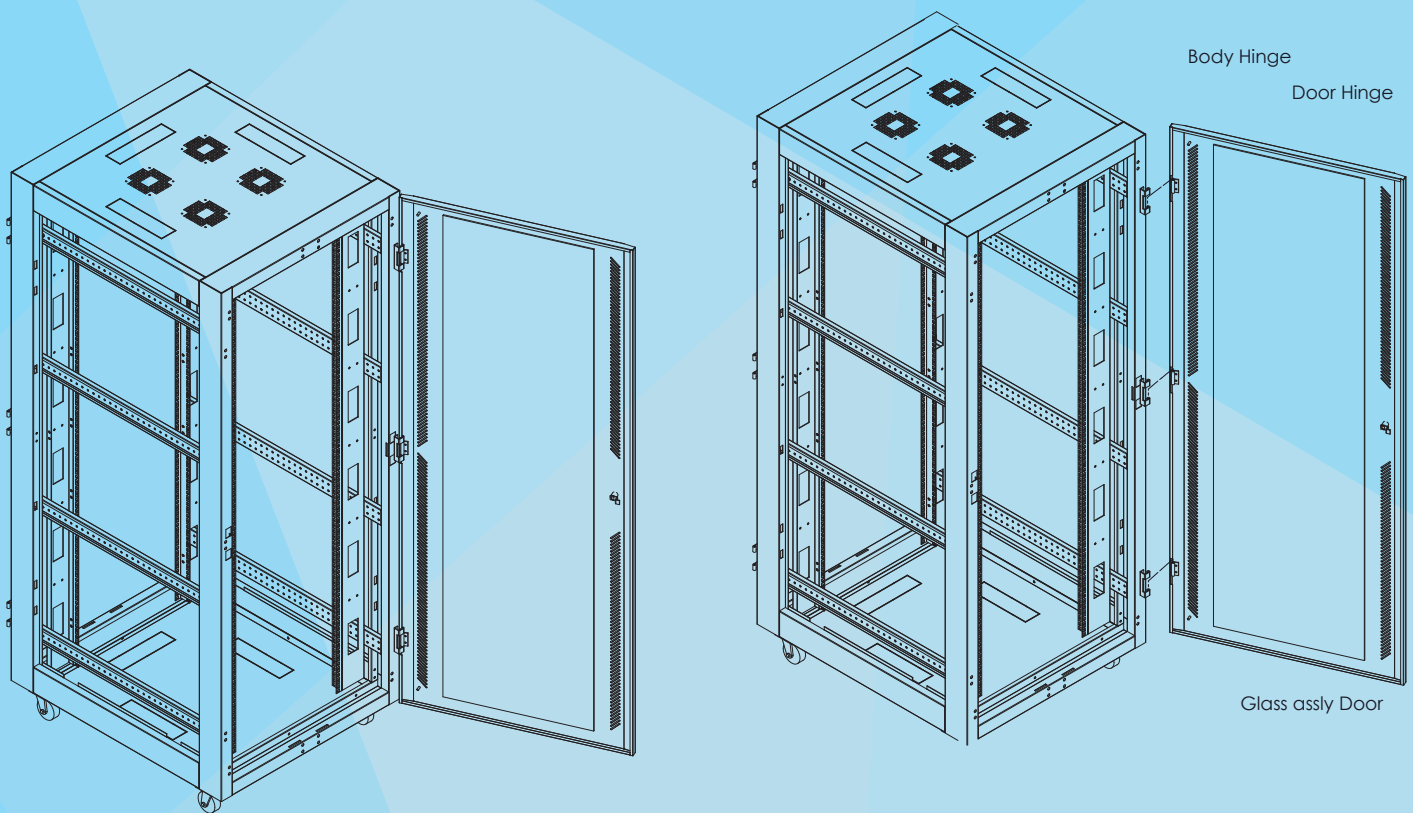
## A Full 42 U Rack will include the following

- Fully perforated/Honeycomb front door with CAM/3P locking system
- Single/Split fully perforated/Honeycomb door with rear CAM/3P locking system
- Single/Split Side doors with Slam Latch locking
- 4 Nos. of 19" Rails
- Top Cover with provision for 4 nos. of Fan units
- 2 Nos. of full height cable mounting brackets
- 4 Nos. of Casters – 2 with Brake and 2 without Brake
- Mounting Bolts (Optional)
- Mounting Hardware (includes cage nuts, washers, screws etc)
- Unique Keys for the respective Locks
- 5 Ply Carton packaging with edge protectors



## Accessories

SL No.	Items	Default	Fast Running	Slow Moving
1	PDU		✓	
2	Castors	✓		
3	Levellers	✓		
4	Horizontal PVC Cable Organizer 1U		✓	
5	Metal Cable Manager 1U Loop			✓
6	PVC Cable Manager 2 U		✓	
7	PVC Cable Manager 2 U - 42U		✓	
8	90 CFM AC Fan	✓		
9	Tower Mount Fans Modules	✓		
10	Mounting Hardware - Pkt 20 Set of 20	✓		
11	Cable Channel - 1600H x 100W		✓	
12	Cable Channel - 1200H x 100W		✓	
13	Sliding Drawer - 600D			✓
14	Sliding Drawer - 700D			✓
15	Keyboard Shelf - Rotating		✓	
16	Fixed Shelf / Monitor Tray - 600D		✓	
17	Fixed Shelf / Monitor Tray - 700D		✓	
18	Support Angle - 50x50x600D			✓
19	Support Angle - 50x50x700D			✓
20	Cable Runaway Lader - 1 Mtr			✓
21	Earthing Strip - 150 mm Nickle Plating		✓	
22	Blank Panel - 1U		✓	



**TATA STEEL DOWNSTREAM PRODUCTS LIMITED**

**(Formerly Tata Steel Processing And Distribution Limited)**

**Infinity IT Lagoon, Floor #: 8th Floor, Office No- 801, 803 & 804,  
Plot E2 – 2/1 Block EP & GP, Sector – V, Salt Lake, Kolkata 700091**

**Tel +91-33-6613 0616 | Mobile +91-9830501375**