

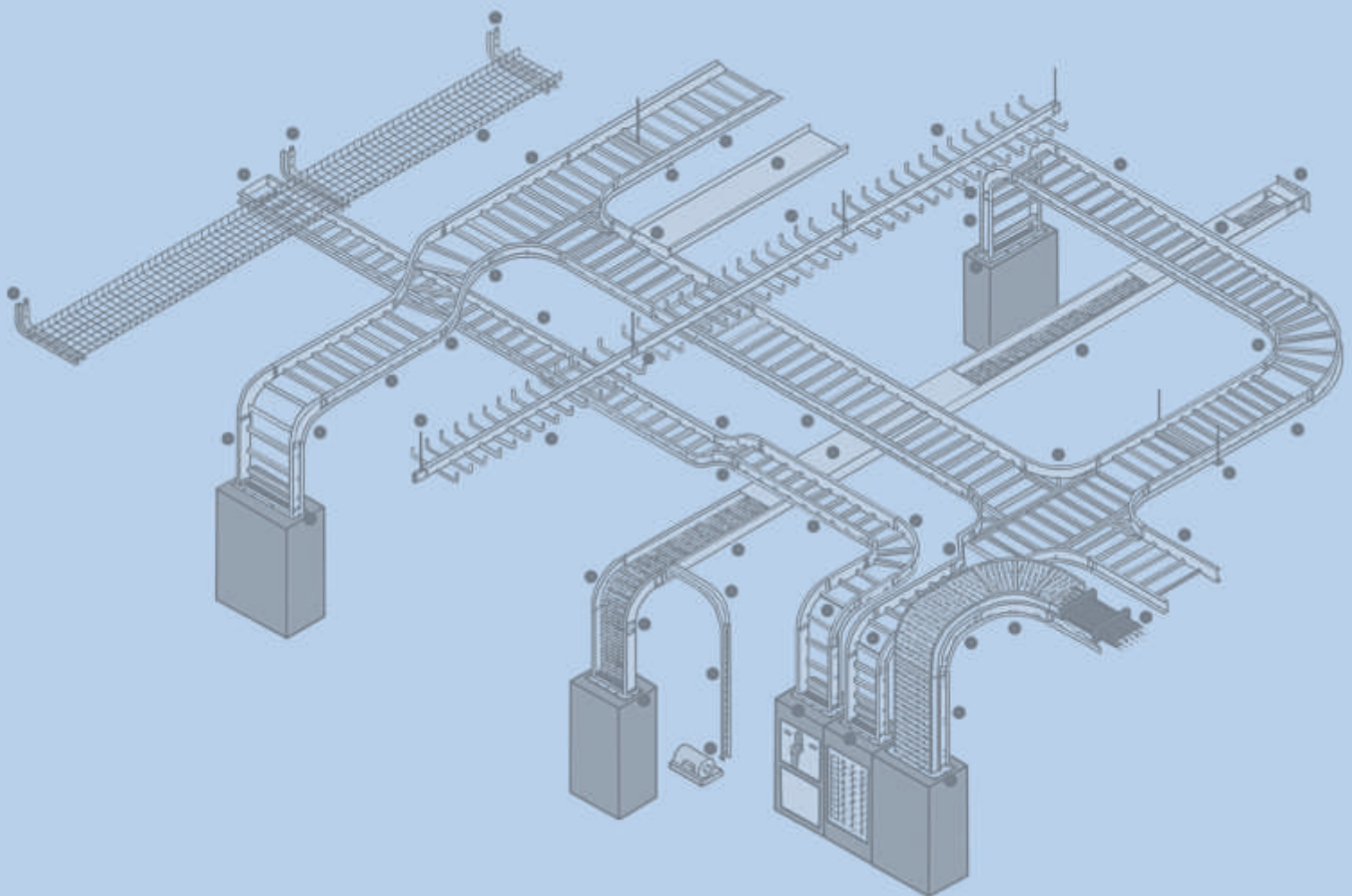
MDM

CABLE MANAGEMENT SYSTEMS

Since 1986

- Cable Trays
- Cable Tray Accessories
- Cable race ways
- Electrical Junction Boxes

An ISO 9001:2008 certified company



Company Profile

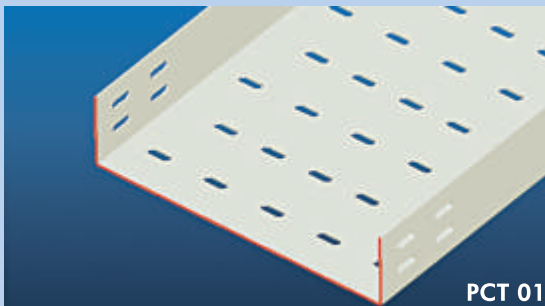
MDM Engineering and technologies is a leading manufacturer and supplier of cable trays , raceways & junction boxes in India and has been the market leader for over 24 years in cable trays for segments like Construction, Manufacturing, IT/ITes, Telecom, Services, Govt. & Healthcare Industry.

Perforated Cable Trays

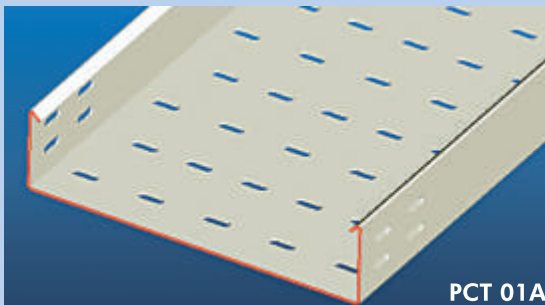
The perforated category comes in widths ranging from 50 mm to 1000 mm. They have the capacity for standard support span of 2,500 mm. These perforated cable trays are specially engineered making use of quality **HR Sheets, Stainless Steel Sheets and pre galvanized Sheets** with specific thickness and flange heights. Some of its important specifications are given below

Types of folds

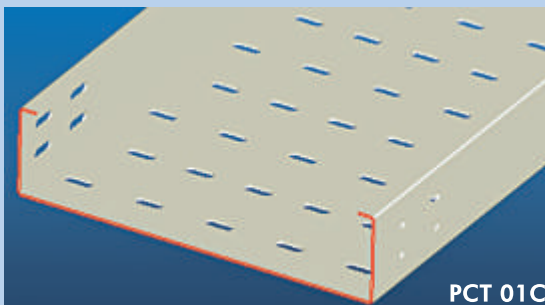
Straight Type Fold



Return Flange Inside Type Fold



C Type Inside Fold



Types of Perforation

Staggered Perforation



Side height Dimensions

13	25	50	75	100	upto	300
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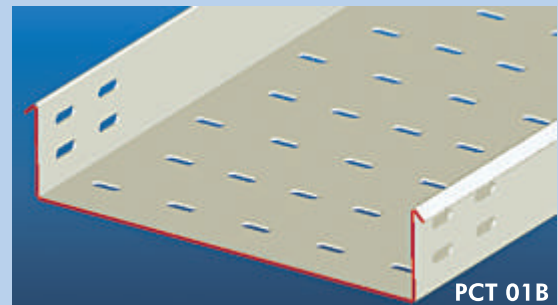
Material Thickness

1.0	1.2	1.6	2.0	2.5		
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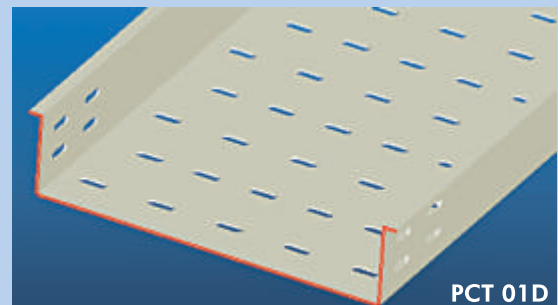
Available Finishes

Stainless steel	SS
Pre-Galvanised steel	PG
Hot dip Galvanised	HG
Electrolytic Galvanised steel	EG
Powder coating	PC
Epoxy / Enamel Coating	PA

Return Flange Outside Type Fold



C Type Outside Fold

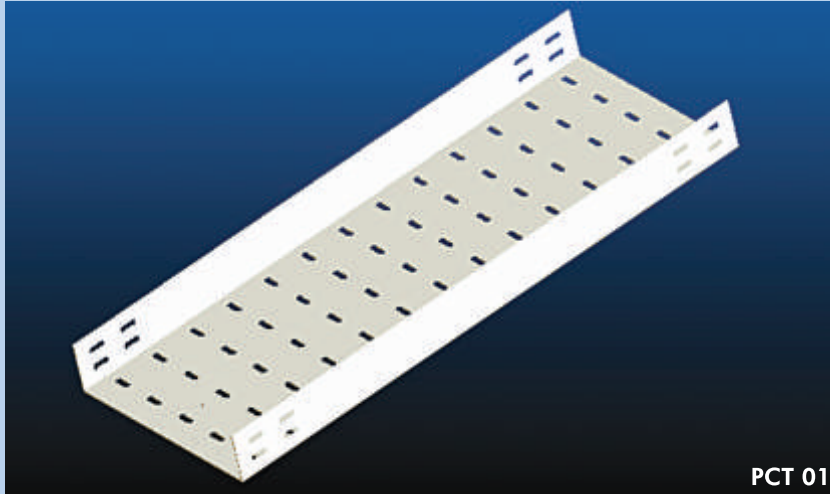


Serial Perforation



Perforated Cable Trays

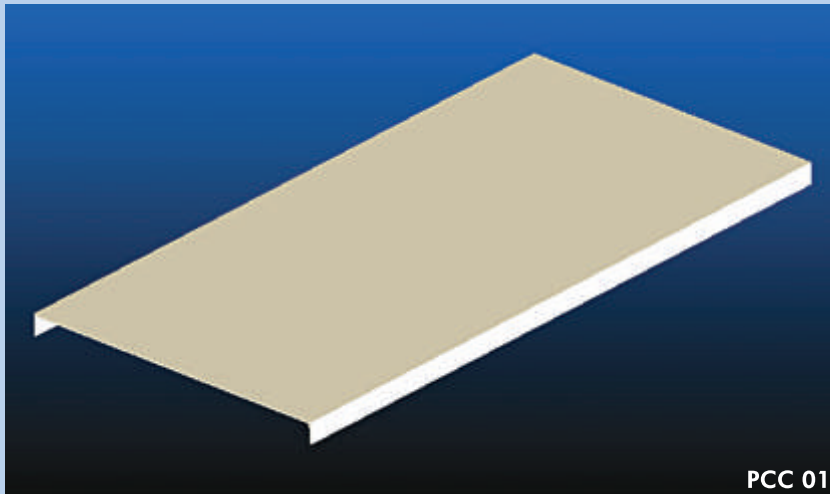
Straight Type



Thickness Vs Width Standards

For thk 1.0 mm Widths are	For thk 1.2mm Widths are	For thk 1.6 mm Widths are	For thk 2.0 mm Widths are
50	50	50	50
75	75	75	75
100	100	100	100
125	125	125	125
150	150	150	150
200	200	200	200
225	250	250	250
	300	300	300
	350	350	350
	400	400	400
	450	450	450
	500	500	500
	550	550	550
	600	600	600
	650	650	650
			700
			750
			800
			850
			900
			950
			1000

Cable Tray Closer / Cover



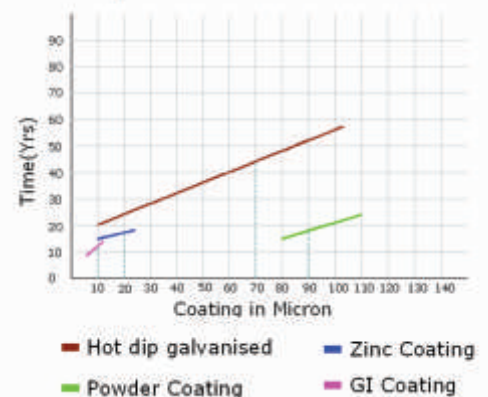
The above are standard thickness, can make other thickness also as per customer drawings.

Ladder Type Cable Tray

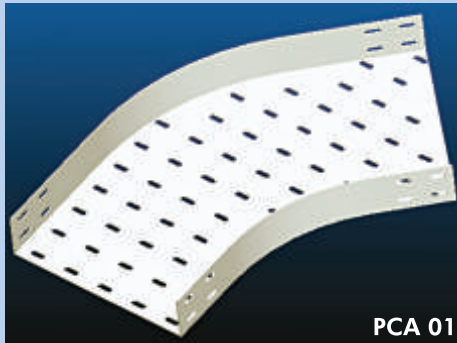
The Ladder Type Cable Trays are manufactured in the width from 150 mm to 900 mm : having Height from 50 mm to 150 mm and the Thickness from 1.6 mm to 2.5 mm with all accessories. These trays consists of two longitudinal side rails connected by individual transverse members.



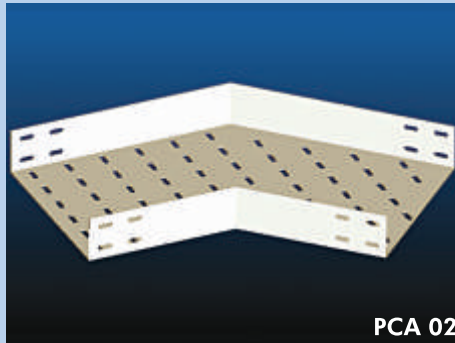
Service duration chart for all coatings in an Industrial Environment.



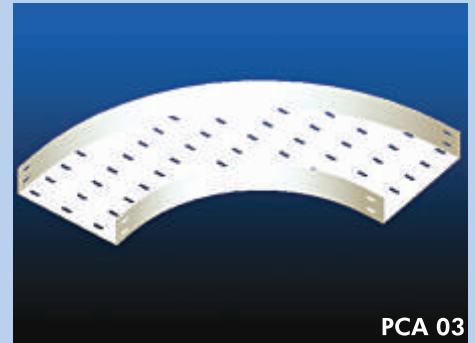
Cable Tray accessories



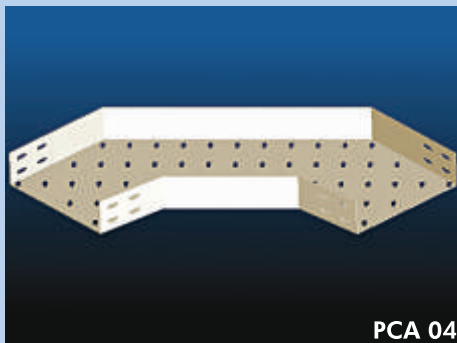
Curved Bend 45 degree



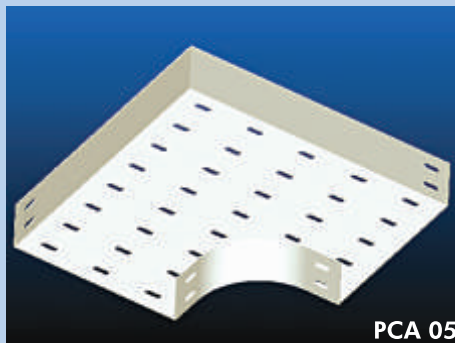
Cornered Bend 45 degree



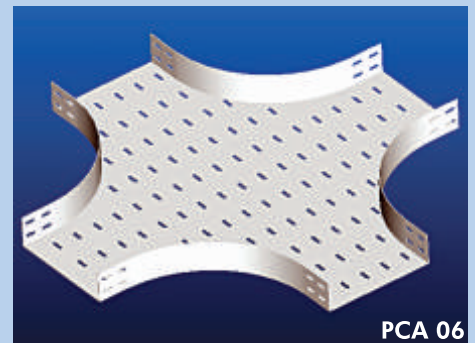
Curved Bend 90 degree



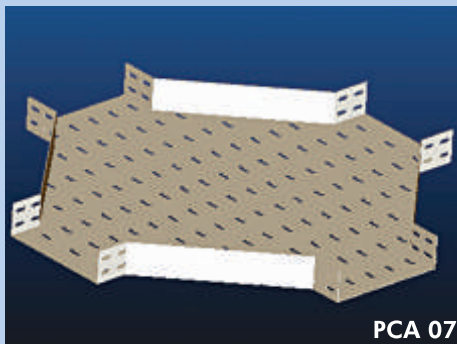
Cornered Bend 90 degree



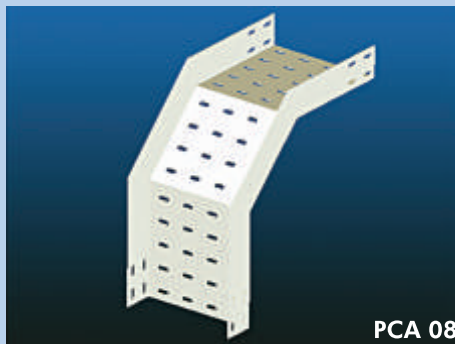
Short Bend 90 degree



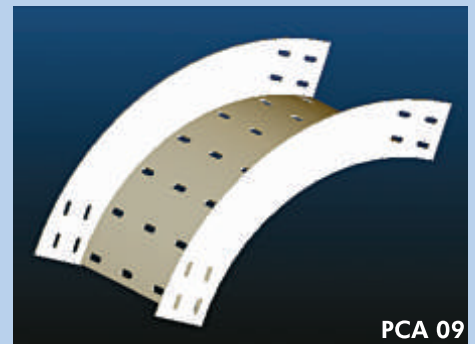
Intersection Curved



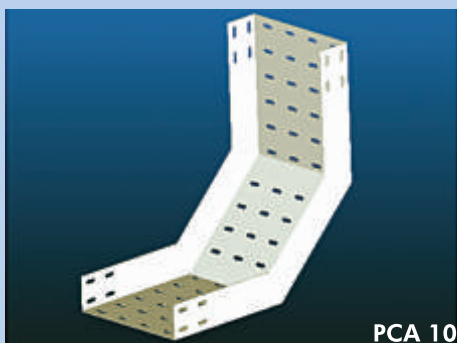
Intersection Cornered



90 Degree Outside Raiser
Cornered



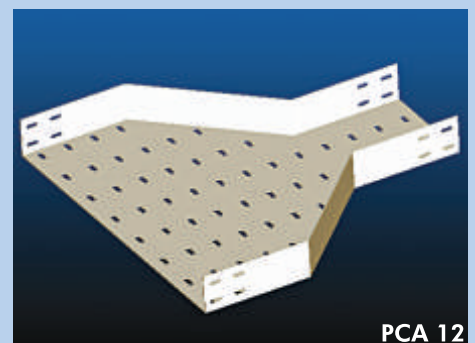
90 Degree Outside Raiser
Curved



90 Degree Inside Raiser
Cornered

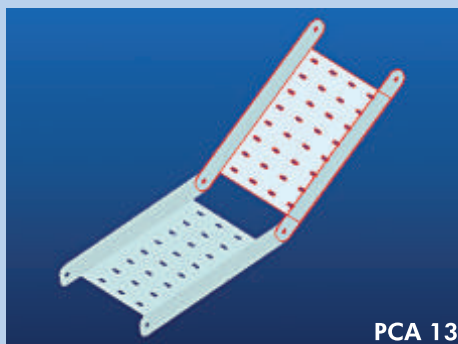


90 Degree Inside Raiser
Curved

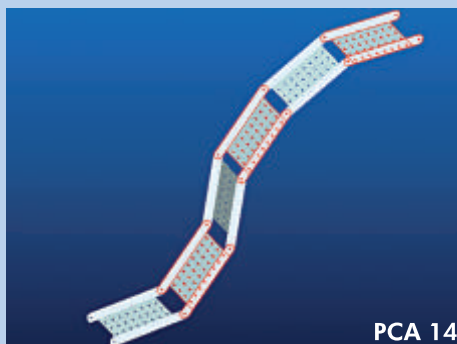


Reducer Centre

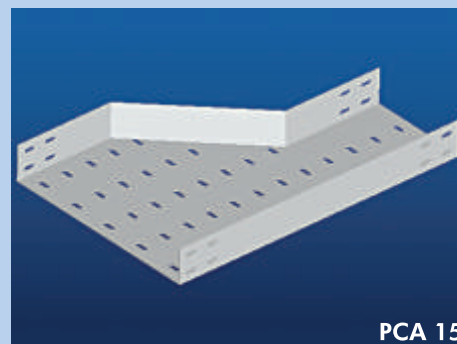
Cable Tray Accessories



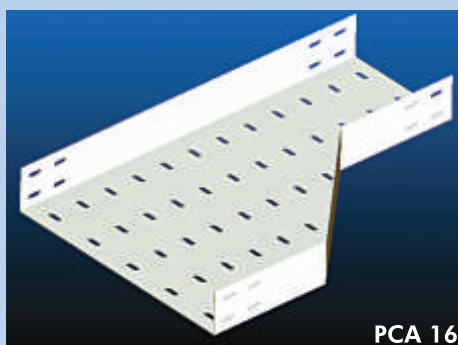
Adjustable Raiser



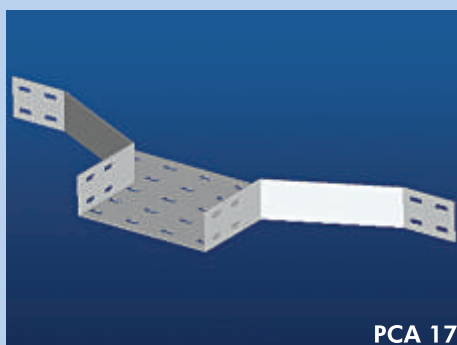
Custom Raiser



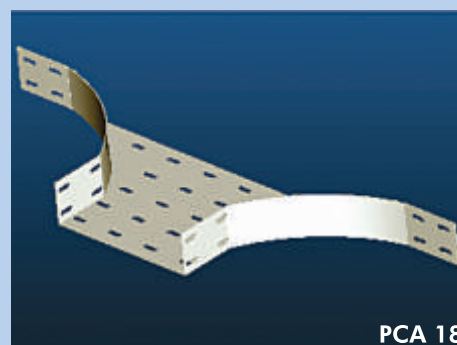
Reducer Left Side



Reducer Right Side



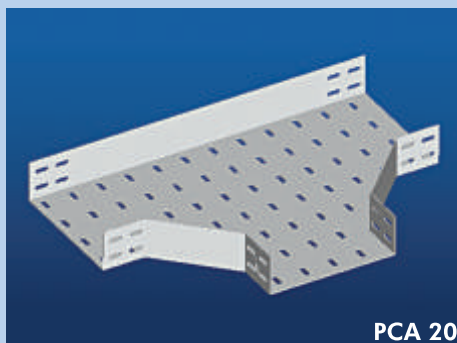
Add on Cornered



Add on Curved



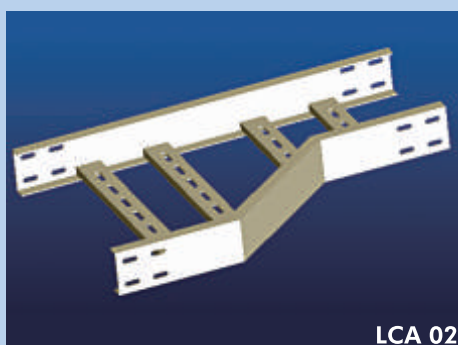
Tee Curved



Tee Cornered



Ladder Type Bend



Ladder Type Reducer



**Ladder Type 90 Degree
Inside Raiser**

Design Factor to Consider:

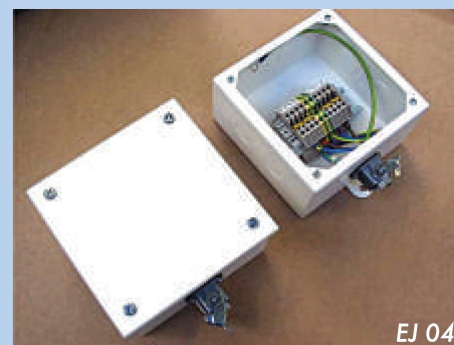
Consideration should be given to the following factors when undertaking the design of a cable tray run and a support system, although some of these (ex: wind loads) may not be relevant to every installation

- * Distributed loads eg: Cables, pipes
- * Point loads
- * Thermal expansion
- * Wind and external force
- * Spacing of supports
- * safety factor
- * Deflection

Electrical Junction Box

MDM is a specialist manufacturer of standard and customised enclosures for the electrical switchgear and control panel industry.

Our management team, designers and workshop engineers have many years experience in the sheet metal fabrication industry. We use CAD/CAM techniques for all our design and manufacturing processes. MDM has gained a reputation for producing excellent quality products as well as achieving very tight delivery deadlines.



RAL Colours



Some of our Reputed Clients

- Hyundai Motor India Ltd
- Orbis India Ltd
- Sundaram Clayton Ltd
- Iljin Automotive Ltd
- TIDC India
- Lucas-TVS
- Rane Group
- Brakes India Ltd

MDM Engineering and Technologies

No.4, Padasalai Road, PKM Cross Street, Melayanambakkam, Chennai – 600 095.

E-mail: sales@mdmtech.in, Web: www.mdmtech.in

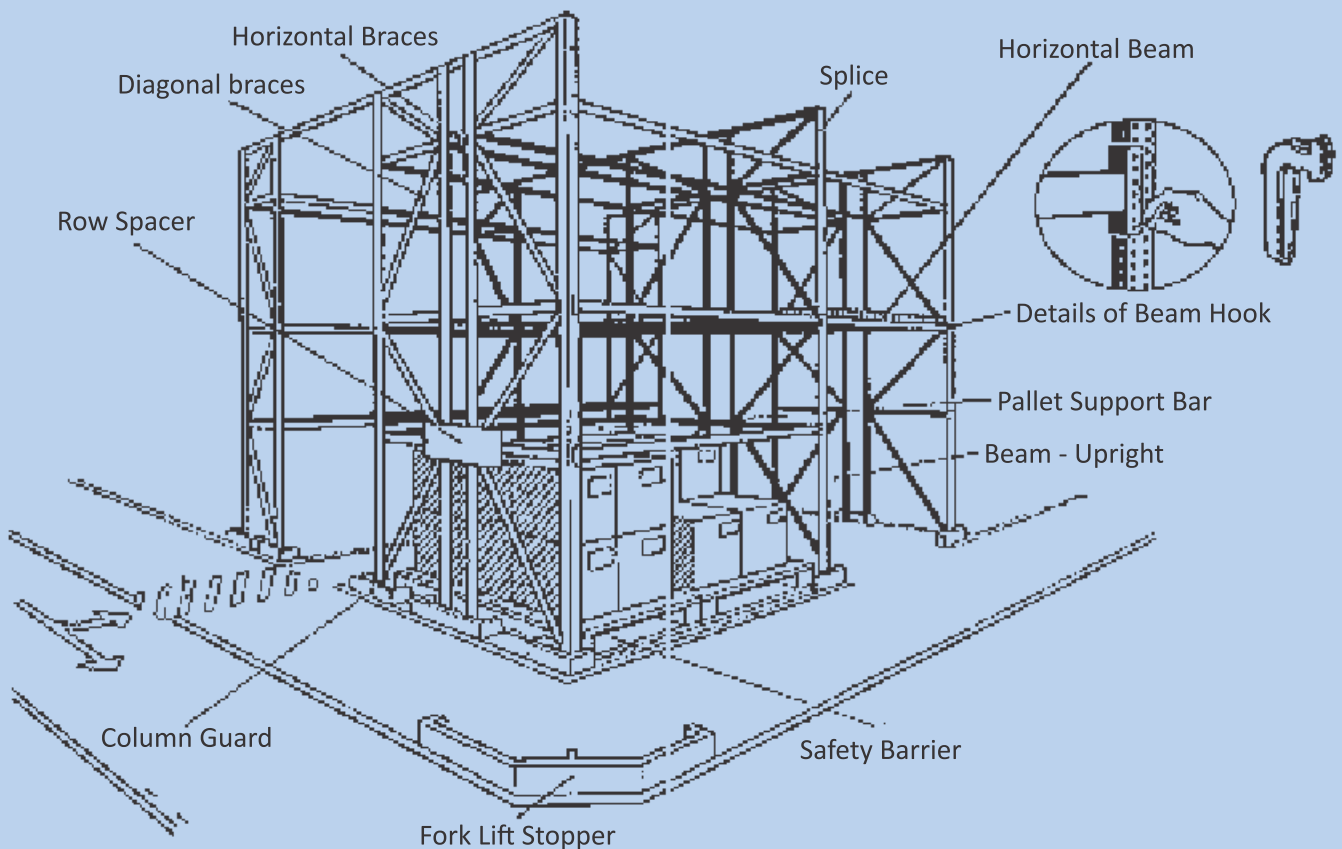
Mobile: 8220078555, 9840184858, 9962079602, 9840183424

MDM

Engineering and Technologies

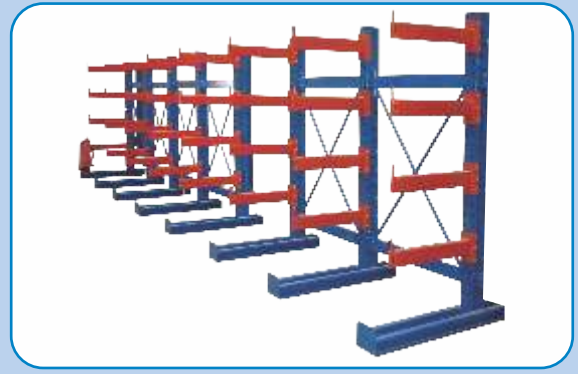
- Storage Racks
- Mezzanine Floor
- Display Racks
- Rack Accessories

An ISO 9001:2008 certified company





High Rise Storage



CANTILEVER Rack



DUAL DECK STORAGE



FLOOR CUM SHELVES STORAGE Rack



PULLOUT STORAGE Rack



BARREL STORAGE Rack



MEDIUM DUTY Rack



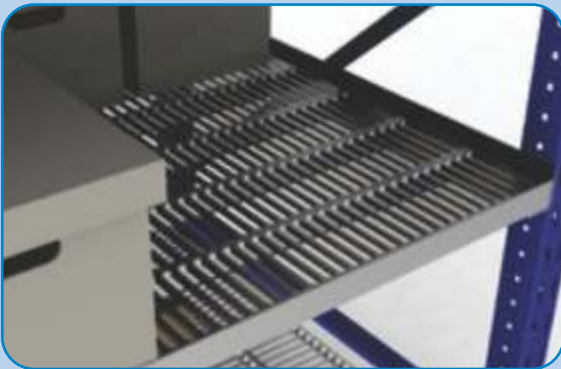
STORAGE WITH MEZZANINE FLOOR



PULL OUT UNITS



PALLET BACK STOP BEAM



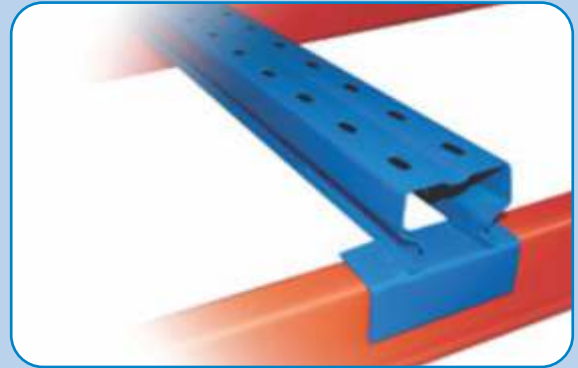
PUNCHING DECK



WIREMESH DECK



PALLET RACK FALL PROTECTOR



FORK ENTRY BAR



CRASH BARRIER



COLUMN PROTECTOR

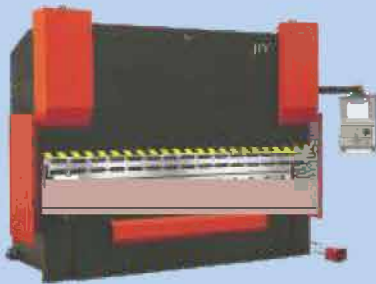


Slotted Angle Rack



Display Rack

Our Facilities



CNC BENDING MACHINE



CNC SHEARING MACHINE



CNC TURRET PUNCH PRESS

Some of our Reputed Clients

- Hyundai Motor India Ltd
- Mahindra Epc
- Rane Group
- Carborundum Universal (CUMI)
- Sundaram Clayton Limited
- Reliance
- Indian Railways
- TATA Steel Processing & Distribution Ltd
- Thermal Power Corporation India Ltd

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MDM

ENGINEERING & TECHNOLOGIES

(An ISO 9001 : 2008 Company)

The Complete Sheet Metal **JOB WORK** *Company*

Low punching noise mode & Forming pattern mode

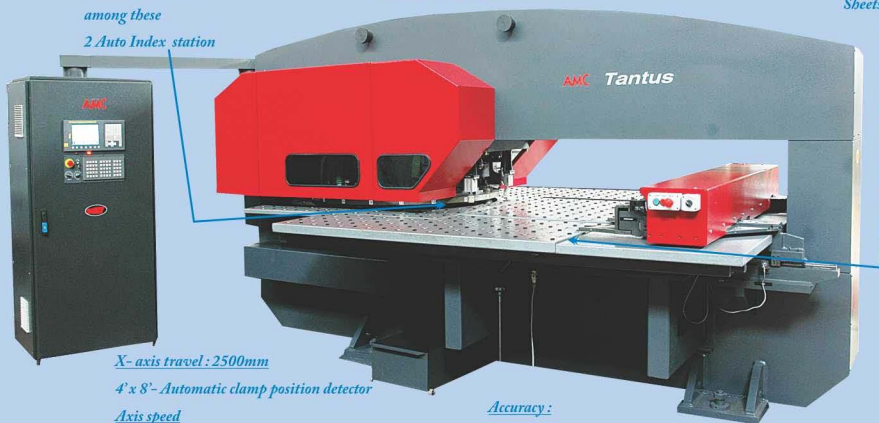
Turret 20 station

among these

2 Auto Index station

Tonnage : 30 Tonne

Brush Table,
this prevents
Sheets from scratch.



X- axis travel : 2500mm

4' x 8'- Automatic clamp position detector

Axis speed

X- axis : 80m/min.

Y- axis : 60m/min.

Accuracy :

+/- 0.1mm

+/- 0.07mm (FA mode)

CNC Bending Machine



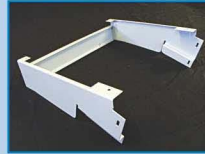
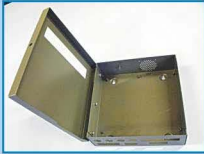
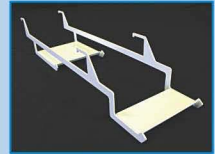
- Press Capacity : 150 T
- Maximum Bending Length : 3000 mm
- Radio Digipro for Angle Validation.
- Maximum Bending Length for each thickness - 3.2 mm 2505 mm,
4.5 mm 2350mm, 6.0 mm 1660 mm

NC Shearing Machine-Toyokoki

Control Panel



- MS Sheet up to 5 mm
- SS Sheet up to 3 mm
- Accuracy 0.1mm



Our Credentials:

- An ISO 9001:2008 Certified Company
- We are approved and rated by CRISIL
- We are approved by Engineers India Limited (EIL) - An Government of India Enterprise
- We are approved by BPCL - An Government of India Enterprise

Our Premier Customer:

- Hyundai Motor India Limited
- Ashok Leyland Limited
- TI Diamond Chain
- Aqua Designs India Private Limited
- Tube Investment of India
- Sundaram Clayton Limited
- Rane Group of Companies
- SRF Limited
- Imperial Spirits and Wines Private Limited
- Mathrubhimi Printing and Publishing Co. Ltd.,
- Tata Coffee
- GH Induction Limited
- Carborundum Universal limited
- Nanjil Milk Limited
- Meclin Infra Structure Private Limited

Other Supporting Machines.

Power Press 50 Tonne	
	Power Press 30 Tonne
Arc Welding Machine	
	MIG Welding Machine
TIG Welding Machine	
	Bench Drill Up to 50 mm
Compressor 5 HP	
	Hand Press
Hand Shearing Machine	
	Bench Grinder
Cutting Machine	
	AG 4 Grinding Machine
AG 5 Grinding Machine	

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