

CABLE MANAGEMENT SYSTEM



NEHA ELECTRICAL & MECHANICAL WORKS

PRODUCT RANGE

LADDER TYPE CABLE TRAY
PERFORATED CABLE TRAY
RACEWAYS & JUNCTION BOXES
WIRE MESH CABLE TRAY

GROUP INTRODUCTION

ADVANCE group founded in 1979 by Shri S.R. Jain. Advance is a leading name in the field of manufacturing of Low voltage & Medium voltage panels, Sandwich bus ducts, Rising Main, Cable Trays, Race ways, MV & L.V Ducts, Motor starters, CT's, PT's & Automation. Advance has maintained the highest standards of quality. Advance group of companies having a turnover around Rs.400 Cr+ total credit to our valued & repeated customers.

We have been awarded with the prestigious **"NATIONAL AWARD FOR QUALITY PRODUCTS"** in the field of manufacturing of Electrical Switchboards (PC/MCC) from The President of India **Dr. A.P.J. Abdul Kalam**.

We, at Advance, are committed to being a customer-oriented organization where quality is the inspiration and innovation is the way of life. We have state of the art machineries, modernized assembly layout, complete in house Fabrication, CNC Turret Punch Press with Automatic Bending Machine, Automatic Bus Bar Fabrication, Powder Coating, Testing & Inspection Facilities with Computer Aided Drawing Designing & Inter Department Networking having a team of highly qualified & motivated work force with Several Years of experience in design & manufacturing.

OUR GROUP COMPANIES :-

- ADVANCE PANEL & SWITCHGEARS PVT LTD.**
- ANANT POWERTECH**
- ADVANCE EPC CONTRACTS PVT LTD.**
- NEHA ELECTRICAL & MECHANICAL WORKS**

BUSINESS NETWORK :-



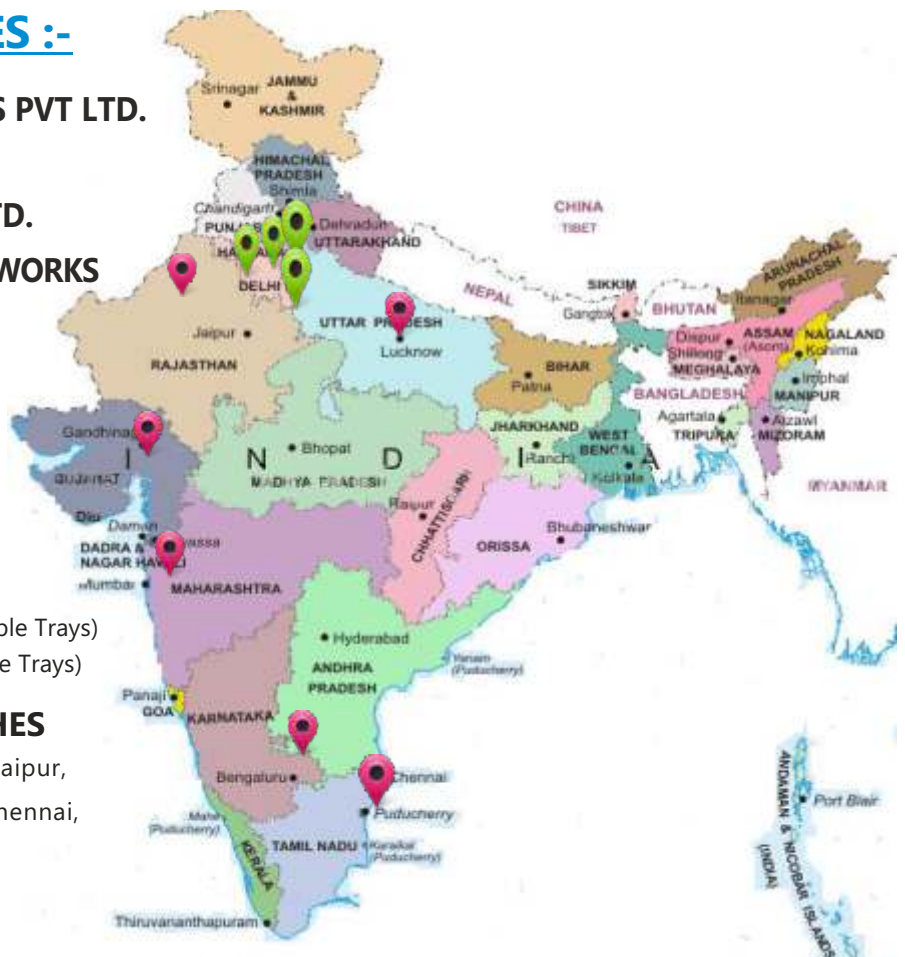
MANUFACTURING UNITS

- Unit 1 :- Delhi (Panels)
- Unit 2 :- Sonapat (Panels)
- Unit 3 :- Haridwar (HT & LT Panels)
- Unit 4 :- Haridwar (Bus ducts,CT,PT,Cable Trays)
- Unit 5 :- Greater Noida, Surajpur (Cable Trays)



SALES & SERVICE BRANCHES

- Delhi, Gurugram, Noida, Haridwar, Jaipur,
- Ahmedabad, Mumbai, Bangalore, Chennai,
- Hyderabad, Pune.



ABOUT “NEM”

The Neha Electrical and Mechanical Works (NEM) is comprehensive package of products manufactured at our Gr. Noida & Haridwar Facilities.

NEM Cable Tray comprise three specific product groups :-

- System L (Light Duty Tray sections)
- System M (Medium Duty Return Flange Tray sections)
- System H (Heavy Duty Return Flange Fray sections)

each complemented with a full selection of fittings and accessories to provide the client with a product to suit all installation requirements.

Systems lengths are produced as standard in a 2.5 mtr format, manufactured from sheet steel into a channel section, to provide cable management in all commercial & industrial installation environments. Systems fittings are designed to be fully compatible with products lengths, adopting a 'one piece' design concept.



PRODUCT RANGES :

- LADDER TYPE CABLE TRAYS
- PERFORATED TYPE CABLE TRAYS & ACCESSORIES
- RACEWAYS (FLOOR & CEILING) & ACCESSORIES
- WIRE MESH CABLE TRAY
- SUPPORT SYSTEM & MOUNTING ACCESSORIES
- JUNCTION BOXES (HEIGHT ADJUSTABLE)

Ladder Type Cable Trays Features

- Standardized side rail and rung sections ensure faster delivery and uniformity.
- Data available on load testes of various sizes different combinations.
- Intermediate coupler holes facilitate mounting of accessories like earth flats, provide ready coupling holes on cutting and promote better drainage during galvanizing. Holes pattern also display thickness of material used.
- Larger bends design with rungs welded to frames, ensures good hot dip galvanized.
- Assembly of ladders of pattern adopted by Advance Group companies offered for better galvanizing result.
- Innovative clamps for earth flats, cables, covers, and hold down clamp arrangement options available.
- Available finishes hot Dip Galvanized. Aluminium, SS304. SS316.
- Powder Coated (PC), HDG + PC (Special applications).
- Standard length : 2500/3000 mm.
- Certified for electrical continuity and impact test in accordance.

STANDARD DIMENSIONS

Length	2500mm & 3000mm
Depth	50mm, 75mm, 100mm, 150mm
Width	300mm, 450mm, 600mm, 750mm, 900mm, 1000mm, 1200mm
Rungs Spacing	250mm
Sheet Metal Thickness	16 Gauge / 14 Gauge / 12 Gauge

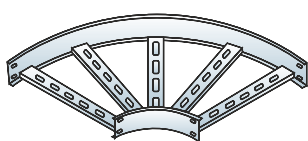


Customised Design can be manufactured to meet special requirements.

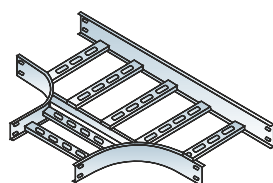
Material : GI, MS, AL, & SS sheets.

Finish : Pre galvanised, Hot dip galvanized, Powder coated, Painted.

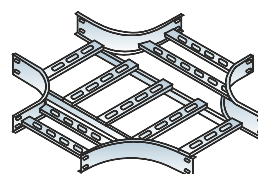
ACCESSORIES :



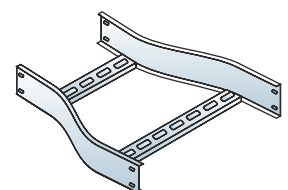
Bend



Tee



Cross



Reducer

Perforated Cable Trays Features

- Punch pattern adopted as per international practices.
- Pattern adopted results in less distortion during various processes. When contract provides, intermediate coupler holes provided on flanges fold.
- Choice of Straight flange or reverse inward flange available to customer.
- Bottom coupling on wider than 600 mm trays ensures full alignment during installation and reduces deflections at joints.
- Liberal space between punch lines gives adequate space for easy cutting shorter.
- Additional features like cutouts and knockouts can be provided as permutual agreement innovative earth flat mounting clamp available.
- Available finishes : Hot Dip Galvanized (HDG), Pre Galvanized, Aluminum, SS304, SS316, Powder Coated (PC), HDG + PC (special specification).
- Standard Length : 2500 / 3000mm
- Certified for electrical continuity and impact test in accordance with IEC61537

Constructed from single sheet of perforated metal. They are convenient for cables which requires both a degree of protection from external damage & some ventilation.

STANDARD DIMENSIONS

Length	2500mm & 3000mm
Depth	50mm, 75mm, 100mm, 150mm
Width	100mm, 150mm, 300mm, 450mm, 600mm, 750mm, 900mm, 1000mm, 1200mm
Sheet Metal Thickness	16 Gauge / 14 Gauge / 12 Gauge

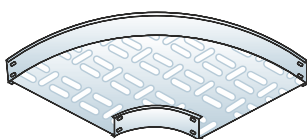


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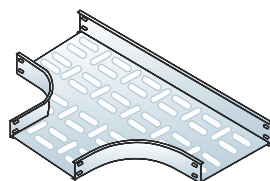
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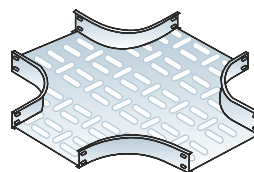
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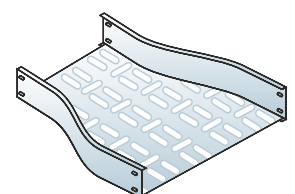
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Tee



Cross



Reducer

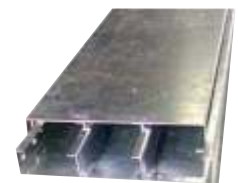
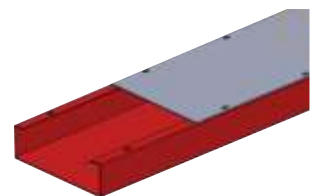
Raceways Features

- Logged design means smooth interiors to avoid wire damage while pullingd.
- Partition can be provided for width above 75mm width at min 50mm intervals
- Cutout on partition can be provided.
- Knockouts of 20mm dia can be provided on 50mm height raceways.

Straight sections of solid bottom cable trays constructed from single sheet of metal, providing excellent protection from external damage. They are used primarily for intrumental control, communication and other non-heat producing cables.

STANDARD DIMENSIONS

Length	2500mm & 3000mm(10 ft optional)
Depth	25mm, 50mm, 75mm, 100mm, 150mm
Width	50mm,100mm, 150mm, 200mm, 250mm, 300mm, 450mm
Sheet Metal Thickness	16 Gauge / 14 Gauge / 12 Gauge



Customised Design can be manufactured to meet special requirements.

Material : GI, MS, AL, & SS sheets.

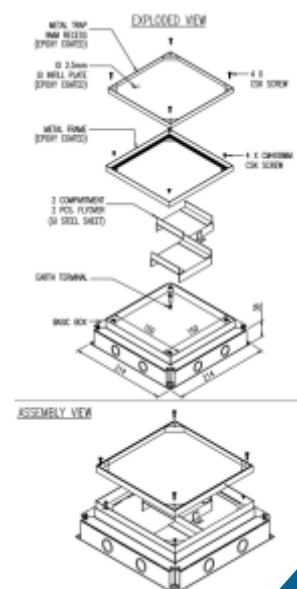
Finish : Pre galvanised, Hot dip galvanized, Powder coated, Painted.

Junction box (Height Adjustable)

NEM Underfloor Trunking System is designed for the distribution of power, voice and data services in floors where the trunking is buried in the screed. This system provides the simplest and most economical method of carrying services to feed a grid of outlet installation and can be used to integrate with perimeter or surface trunking systems.

FEATURE BENEFITS

- Constructed from pre-galvanized steel sheets in accordance with BS 4678 : Part 2, BS EN 50085-2-2 & IEC 61084-2-2.
- Trap & frame tested to withstand 4.5KN concentrated load. Underfloor trunking (screeded) tested to withstand 30KN concentrated load.
- The system incorporates numerous design features to ensure a fast and simple installation.
- Designed to support CAT 6 structured cabling systems.
- Suitable for screeded depth from 56mm to 85mm.
- Floor boxes are IP30 rated in accordance with BS EN 60529.
- Choice of 1, 2, 3 or 4 compartment floor boxes.
- Wide range of power & data accessories available to meet all requirements.



APPRECIATION

CERTIFICATES



TEST REPORTS

OUR MAJOR CLIENTS



ACCOLADE



Our Manufacturing Unit :

- 📍 - F-82, Site-B, Surajpur, Industrial Area, Gr. Noida, Gautam Budh Nagar-201306 (U.P)
- 📍 - Plot No.28, Sector-5, I.I.E Ranipur Sidcul,
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