

Cable Ladder made up of two longitudinal members (side rails) with transverse members (rungs) permanently welded to the side rails. Since the rungs are slotted, its easy to fastened the cables onto the ladder.

TRACKX Cable Ladder systems are manufactured in accordance with **BS EN / IEC 61537 - Cable management - Cable Tray systems and cable ladder systems and NEMA VE1 - Metal Cable Tray Systems**. The maximum safe working load can be determined for each component depending on the support distances and specific parameters such as component dimensions. This is shown in the load diagram included with each component.

It is determined based on simple beam analysis with yield strength of 275 Mpa. When cable ladders are used in continuous spans, the deflection of the ladder is reduced by as much as 30 to 40%.

The 300mm rung spacing is our standard and most popular, since it provides support for the widest range of cable sizes. Plain rungs and different rung spacing's are supplied upon customer request.

For additional information on installation, system design or fitting not shown in this catalogue, our technical personnel are available to provide all assistance possible.

FEATURES

- Slotted side rail eliminating site drilling for connection of splice plates when reducing ladder lengths.
- All welded steel construction with unique C-section side members for maximum strength and load capability.
- Ladder is available in various widths to satisfy most cable loading and application requirements.
- Side rails and rungs are designed with smooth edges to prevent damage to cables during installation.

- Plain upward -facing rungs are standard to accept Cleats, optionally inverted for securing services beneath the ladder or slotted to accept tie wraps.

MATERIAL STANDARD

- Mild Steel Plain - BS EN 10025-2, BS EN 10130/10131, JIS G 3141 or Equivalent.
- Mild Steel Pre Galvanized - BS EN 10346.
- Stainless Steel - BS EN 10088-2, BS EN 10028-7.
- Aluminum (Optional)

FINISH

- HDGAF (Hot Dip Galvanizing After Fabrication) - BS EN ISO 1461
- Deep Galvanizing - BS EN ISO 1461
- Electroplating (Zinc) After Fabrication - BS EN ISO 2081, BS EN ISO 4042 (Fasteners).
- Epoxy Powder Coating (Optional)

CONFIGURATION OF CABLE LADDERS

- Straight sections are available to route cables in a horizontal or vertical plane.
- Fittings and Accessories are available to route cables in various directions in either the horizontal or vertical planes.

TRACKX HEAVY DUTY LADDER H150

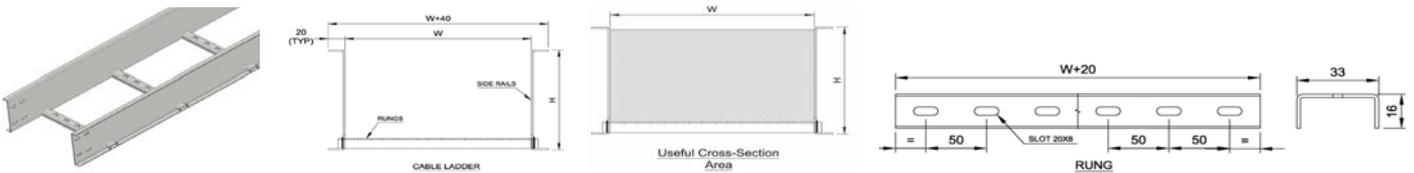
TL 150 24 20 30 MS HG

1 2 3 4 5 6 7

1 TL	TRACKX LADDER	4 20	Thickness 20 - 2mm	5 30	Length (Our Std Length) 30 - 3meters 21 - 2.1meters 15 - 1.5meters	6 MS	Material MS - Mild Steel S6 - SS316 S4 - SS304 AL - Aluminium	7 HG	Finish PG - Pre Galvanizing HG - HDGAF EP - Electro Plating PC - Epoxy Powder coating DG - Deep Galvanizing
2 150	Height								
3 24	Width (in)								

(Side Rail - As Standard Outside Flange)

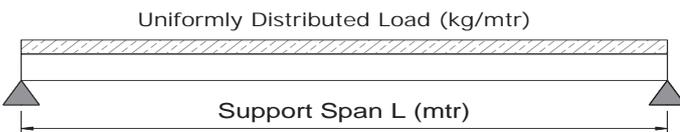
*To Order Side Rail with Inside Flange Specify TLI in Product Code (TLI-150-24-20-30-MS-HG)



Load Table

Product Code	Height H mm	Width W		Uniform Thickness mm	Useful Area cm ²	Support Span UDL (kg/mtr)		
		in	mm			1.5 mtr	2.0 mtr	3.0 mtr
TL-150-06-20-*	150	6	150	2	192	**1014	700	314
TL-150-09-20-*	150	9	225	2	288	**676	**676	314
TL-150-12-20-*	150	12	300	2	384	**507	**507	314
TL-150-18-20-*	150	18	450	2	576	**338	**338	314
TL-150-24-20-*	150	24	600	2	768	**253	**253	**253
TL-150-30-20-*	150	30	750	2	960	**203	**203	**203
TL-150-36-20-*	150	36	900	2	1152	**169	**169	**169

Load Diagram



Remarks:

- * Insert tray Length, Material and Finish as per requirement.
- ** Indicates that the load is limited by load carrying capacity of transverse member (Rung).
- Thickness mentioned are as per our standard thickness.
- Cable ladder for heavy duty applications and more load bearing capacity.
- The load table assumes a general indication of performance of Simple Beam carrying a uniformly distributed cable load, having a deflection of not greater than L/100 and factor of safety 1.7 as per BS EN / IEC 61537.
- The values shown do not take resistance against environmental forces & factors such as snow, wind and other influences into account.
- We recommend for calculated configuration to suit your special requirements and for further additional information.

Heavy Duty Cable Ladder (H-150mm)

