

Product Data Sheet

UNISTRUT®

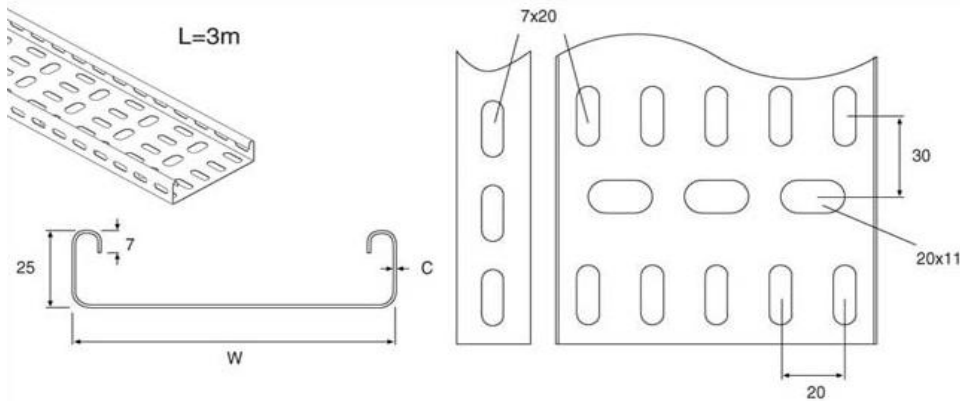


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Issue A

Date: May 08

MEDIUM DUTY TRAY



STEEL: Hot Dip Galvanized

BS 1449: Part 1 and galvanized to BS EN ISO 1461.

STEEL: Pre-Galvanized

BS EN 10327 DX51D (1.0226).

STAINLESS STEEL:

BS EN 10088-2 1.4404 (316L).

Part No.	Finish	Size	Length	C (mm)	Weight (kg)	Useful Cross Section (cm ²)
TUMLT050/10	HG	50mm	3M	0.8	2.2	11.4
TUMLT075/10	HG	75mm	3M	0.8	2.7	17.4
TUMLT100/10	HG	100mm	3M	0.8	3.2	23.5
TUMLT150/10	HG	150mm	3M	0.8	4.1	35.6
TUMLT225/10	HG	225mm	3M	0.8	5.5	53.7
TUMLT300/15	HG	300mm	3M	1.2	9.7	70.4
TUMLT450/15	HG	450mm	3M	1.2	13.6	106.1
TUMLT600/15	HG	600mm	3M	1.2	17.6	141.8
TUMLT050/10	PG	50mm	3M	0.8	2.0	11.4
TUMLT075/10	PG	75mm	3M	0.8	2.5	17.4
TUMLT100/10	PG	100mm	3M	0.8	2.9	23.5
TUMLT150/10	PG	150mm	3M	0.8	3.7	35.6
TUMLT225/10	PG	225mm	3M	0.8	5.0	53.7
TUMLT300/15	PG	300mm	3M	1.2	9.1	70.4
TUMLT450/15	PG	450mm	3M	1.2	12.8	106.1
TUMLT600/15	PG	600mm	3M	1.2	16.5	141.8
TUMLT050/10	SS	50mm	3M	0.9	2.2	11.4
TUMLT075/10	SS	75mm	3M	0.9	2.7	17.4
TUMLT100/10	SS	100mm	3M	0.9	3.2	23.5
TUMLT150/10	SS	150mm	3M	0.9	4.1	35.6
TUMLT225/10	SS	225mm	3M	0.9	5.4	53.7
TUMLT300/15	SS	300mm	3M	1.2	9.0	70.4
TUMLT450/15	SS	450mm	3M	1.2	12.7	106.1
TUMLT600/15	SS	600mm	3M	1.2	16.3	141.8

Load Data

Load test according CEI/IEC 61537:2001

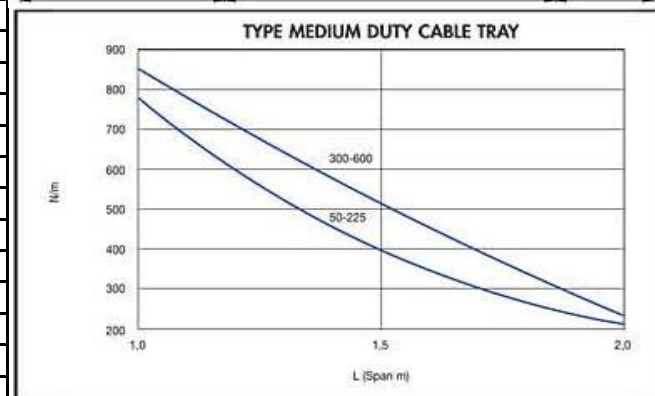
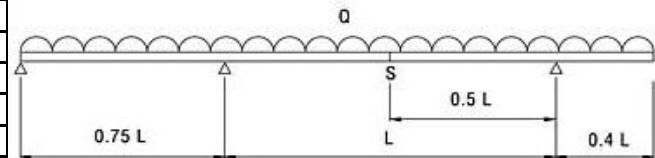
Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

Deflection = 1/100 of the intermediate span (max.)

S = splice location



Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the tray. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

DEFLECTION: Unistrut's load figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Unistrut Cable Tray limited to span/100 and load figures inclusive of a safety factor of 1.7.

ACCESSORIES: To ensure adequate support, accessories should be supported locally.

COUPLERS: The loading graph for Unistrut Cable Tray assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load figure stated in the graph, the couplers should not be located in end spans or over support locations. Straight couplers were utilized for the testing of the medium and heavy duty cable trays. Only one pair of couplers should be used per span.

UNISTRUT HEALTH & SAFETY DATA SHEET REFS :

No. 001 - PLAIN STEEL, PRE-GALVANIZED, GALVANIZED AND STAINLESS STEEL COMPONENTS

No. 099 - HOT DIP GALVANIZING (CHANNEL & COMPONENTS)

No. 102 - STEEL