Solid-Bottom Tray / Cable Trunking

TS-ST · Cable Trays

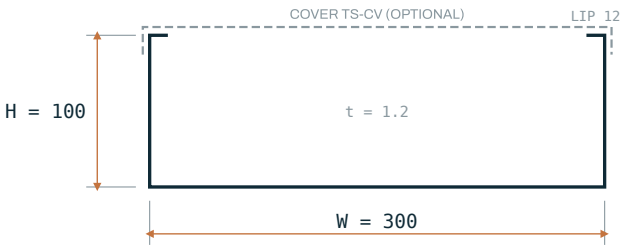
كابل ترانك (تراي مصمت بغطاء)

A closed base with a matching cover: full mechanical protection and clean separation of fire-alarm, data and instrumentation circuits.



PRODUCT FAMILY	TS-ST
WIDTHS W	50, 100, 150, 200, 300, 400, 500, 600 mm
SIDE HEIGHTS H	50, 100 mm
THICKNESS T	1.0, 1.2, 1.5, 2.0 mm
STANDARD LENGTH	3000 mm
MATERIAL	DC01 cold-rolled steel or DX51D+Z275 pre-galvanised
FINISHES	HDG PG PC SS

DIMENSIONED SECTION (EXAMPLE 300 × 100 × 1.2)



TS-ST-200-50-12-PG

DIMENSIONS IN mm · NOT TO SCALE

FEATURES

- Full enclosure with flanged, clip-on cover
- Same fittings geometry as the perforated range
- Drain holes on request for outdoor use
- Optional full-length divider for power / data separation
- Smooth inner surface for long cable pulls

SPECIFICATION

Product family	TS-ST
Widths W	50, 100, 150, 200, 300, 400, 500, 600 mm
Side heights H	50, 100 mm
Thickness t	1.0, 1.2, 1.5, 2.0 mm
Standard length	3000 mm
Material	DC01 cold-rolled steel or DX51D+Z275 pre-galvanised
Perforation	None (drain holes on request for outdoor runs)
Code format	TS-ST-[W]-[H]-[t×10]-[finish]

SIZES & STEEL MASS (KG/M) AT H = 100 MM

W (mm)	t 1.0	t 1.2	t 1.5	t 2.0	W × H (mm²)
50	1.89	2.27	2.84	3.79	5,000
100	2.24	2.69	3.36	4.48	10,000
150	—	3.10	3.88	5.17	15,000
200	—	3.51	4.39	5.86	20,000
300	—	4.34	5.43	7.24	30,000
400	—	—	6.47	8.62	40,000
500	—	—	—	10.00	50,000
600	—	—	—	11.38	60,000

Mass calculated for the steel section (developed blank × t × 7.85 kg/dm³, less perforation), before coating. — = not in launch range.

FINISHES

Code	Finish	Coating / grade
HDG	Hot-dip galvanised after fabrication · جلفنة على الساخن بعد التصنيع	BS EN ISO 1461 — mean zinc ≥ 55 µm on steel 1.5–3 mm (≥ 45 µm below 1.5 mm)
PG	Pre-galvanised (Sendzimir) steel · صاج مجلفن مسبقاً (سندزمير)	EN 10346 DX51D+Z275 — 275 g/m² total, about 20 µm per side
PC	Polyester powder coat, RAL 7035 (any RAL on request) · دهان بودرة إلكتروستاتيك، RAL 7035 (حسب الطلب أي لون RAL)	60–80 µm over pre-treated pre-galvanised or HDG steel
SS	Stainless steel 316L · استانلس ستيل 316L	EN 10088-2 grade 1.4404 — marine, food and chemical areas

COMPATIBLE ACCESSORIES

TS-CV
Tray Covers

TS-HB
Horizontal Bends 90° / 45°

TS-HT / TS-HX
Horizontal Tees & Crosses

TS-RD
Reducers (Straight / Left / Right)

TS-SP
Splice Plates

TS-FS
Fastener Sets

TS-TH
Trapeze Hangers

INSTALLATION

- Fix supports first; add a support within 600 mm of each fitting.
- Keep splice joints near supports, away from mid-span.
- One splice plate each side, M6 round-head bolts, heads inside.
- Bond the run to earth where the project specification requires.

STANDARDS

- IEC 61537 (test reference)
- BS EN ISO 1461
- EN 10346 / EN 10130

LOAD DATA

Safe working loads and support spans will be published after type testing to IEC 61537. Until then, support spacing follows the project specification; our engineers can advise on typical spans for your cable load.

ORDERING CODE

TS	ST	200	50	12	PG
BRAND	FAMILY	WIDTH W	HEIGHT H	T × 10	FINISH

Preliminary datasheet for the TRUSTEEL launch range. Values may change before Rev A1; confirm with TRUSTEEL before ordering. Standards are listed as design and test references; compliance is claimed only where a test report is issued.