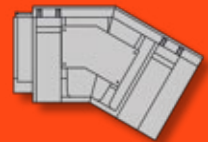
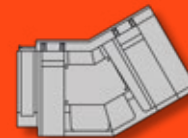






**TTS Rail
(Trough-Tec Systems)
offer the world's
most versatile cable
troughing system.**

Made from a rugged polymer and designed to carry cabling anywhere; horizontally, vertically, at an angle, around an obstruction, along a wall, as a walkway, or even in an elevated position.



THE COMPLETE
CABLE
TROUGHING
SYSTEM



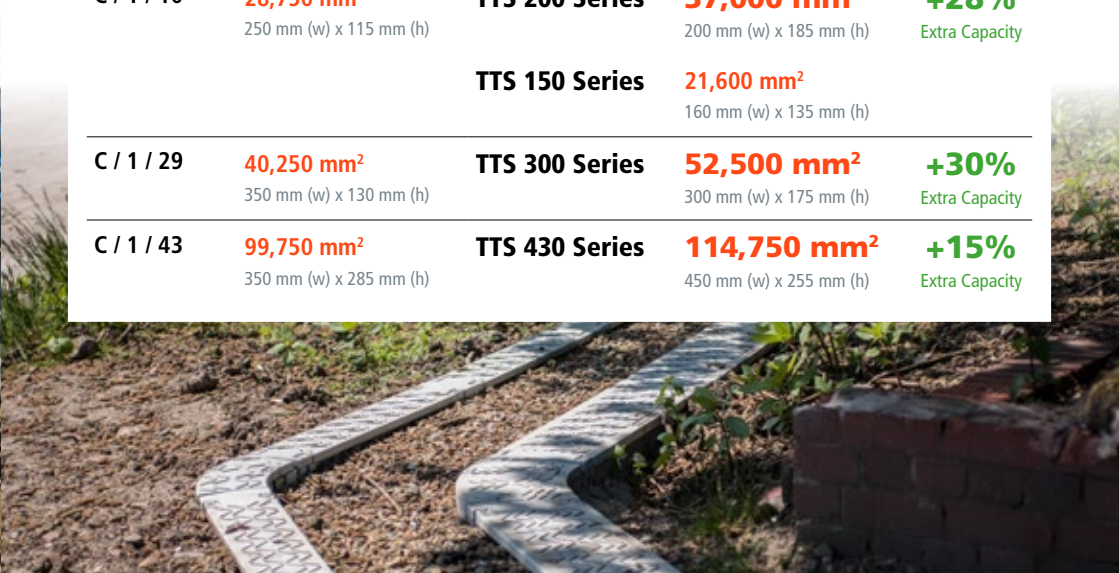
UP TO 75% LIGHTER THAN CONCRETE WITH EXTRA INTERNAL CAPACITY

TTS SYSTEM BENEFITS

	TTS SYSTEM	CONCRETE
Easy-to-handle - HSE compliant for a one man lift	✓	✗
Create elevations with gradient units	✓	✗
Curved units	✓	✓
Can be wall-mounted and elevated	✓	✗
Quick installation	✓	✗
Innovative thermally tolerant connecting joints	✓	✗
Anti-vandal & anti-theft features	✓	✗
Made from 100% recycled material	✓	✗
Create safer and stable, anti-slip walkway routes	✓	✗
Substantially reduce transport & on-site handling costs	✓	✗



Concrete Trough	Concrete Internal Capacity & Internal Dimensions	TTS Trough	TTS Internal Capacity & Internal Dimensions	
C / 1 / 6	7,500 mm ² 100 mm (w) x 75 mm (h)	TTS 90 Series	9,000 mm ² 90 mm (w) x 100 mm (h)	+20% Extra Capacity
C / 1 / 7	14,950 mm ² 130 mm (w) x 115 mm (h)	TTS 135 Series	16,875 mm ² 135 mm (w) x 125 mm (h)	+13% Extra Capacity
C / 1 / 8	27,750 mm ² 150 mm (w) x 185 mm (h)	TTS 200 Series	37,000 mm ² 200 mm (w) x 185 mm (h)	+33% Extra Capacity
C / 1 / 9	21,850 mm ² 190 mm (w) x 115 mm (h)	TTS 200 Series	37,000 mm ² 200 mm (w) x 185 mm (h)	+69% Extra Capacity
		TTS 150 Series	21,600 mm ² 160 mm (w) x 135 mm (h)	
C / 1 / 10	28,750 mm ² 250 mm (w) x 115 mm (h)	TTS 200 Series	37,000 mm ² 200 mm (w) x 185 mm (h)	+28% Extra Capacity
		TTS 150 Series	21,600 mm ² 160 mm (w) x 135 mm (h)	
C / 1 / 29	40,250 mm ² 350 mm (w) x 130 mm (h)	TTS 300 Series	52,500 mm ² 300 mm (w) x 175 mm (h)	+30% Extra Capacity
C / 1 / 43	99,750 mm ² 350 mm (w) x 285 mm (h)	TTS 430 Series	114,750 mm ² 450 mm (w) x 255 mm (h)	+15% Extra Capacity





THE COMPLETE CABLE TROUGHING SYSTEM



DESIGN SERVICE

TTS Rail's design team can work with you to deliver tailored solutions for specific project challenges. From design to delivery, the TTS Rail design team work with you through the entire process.

TTS ELEVATED SYSTEM

The TTS Green Trough elevated system is designed to provide an above ground level cable management solution.

The elevated system comprises of galvanised steel posts concreted into the ground at two metre intervals with ladders and horizontal bends bolted to brackets suspended from the posts. The one metre Green Trough units sit in the ladders connected to each other via male and female joints to form a continuous

run. The posts can carry either one, or up to four cable troughing routes. Simple to install, the system has been developed for use with four of the Green Trough series; TTS 70, TTS 120, TTS 150 and TTS 200.

ANTI-SLIP WALKWAY

The TTS Anti-Slip Walkway system is designed to provide a hard wearing and safe surface for troughing routes where a low to zero maintenance walkway is required.

Comprised of two TTS 300 series units (the equivalent of two x C/1/29 concrete troughs) joined together in parallel pairs, the walkway forms a 780mm wide surface. Steel straps are bolted to the underside to securely hold the units in position. Easily assembled by a two-man

team, the durable walkway system offers significant on-site benefits and cost savings compared to traditional separate cable and walkway systems.

TTS ACCESSORIES

TTS Rail have developed a range of accessories that provide more scope for customisation on-site. These include:

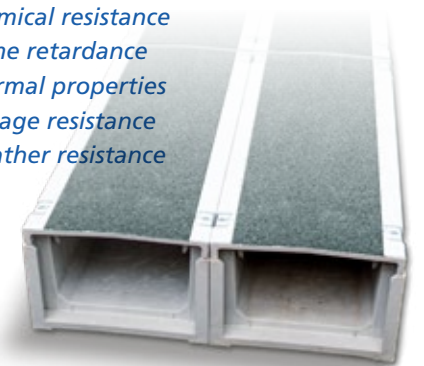
- *Transition units for interfacing with concrete troughs;*
- *Integrated side and slotted panels for cables that need to branch off at any point;*
- *End-caps that seal the line of units and prevent access by small animals.*

We are adding to the range of Green Trough accessories all the time - if you have a specific requirement, we probably have the solution. Check out our website.

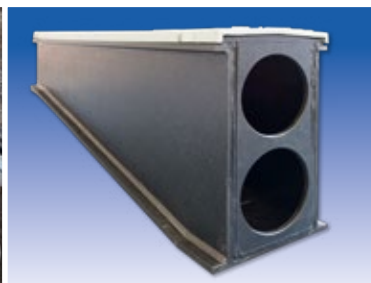
TEST RESULTS

We can supply comprehensive test results for the Green Trough range including:

- *Mechanical strength*
- *Deformation tests*
- *Impact resistance*
- *Chemical resistance*
- *Flame retardance*
- *Thermal properties*
- *Voltage resistance*
- *Weather resistance*



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THE COMPLETE CABLE TROUGHING SYSTEM



For more information about TTS Polymer Cable Troughing Systems, call our sales team on **+44 (0)1302 343 633**, or email info@ttsrail.co.uk.

Alternatively visit our website www.ttsrail.co.uk