



Telecommunications Chambers—STAKKAbOX™

The STAKKAbOX™ Telecommunications range provides network operators with access chambers and hand holes for backbone or local access networks. Independently strong, the STAKKAbOX™ can be used in either the footway or roadway simply by changing the surface cover. Chambers come fully kitted with cable loop organisers and joint enclosure supports and with a prefitted floor/base with drainage. As the STAKKAbOX™ is a modular chamber, additional sections can be added to increase the depth if required. Surface covers to EN124 Lightweight Composite covers and steel frames or Concrete infill covers and steel frames, both to B125 for footway or one man easy access Hinged Ductile Iron covers and frames to D400 for carriageway. Both are lockable as an option for added security. If total security is required, Subsurface security covers are also available.

All STAKKAbOXes™ are made of 150mm interlocking sections, making increased depth simple to achieve. Cable and joint enclosure organisation is simple, with our prefitted cable management systems.

Access to deeper chambers is possible via prefitted steps.

Duct entry is made simple using our entry connectors for smaller HDPE duct or Bellmouths for larger twin wall or PVC Ducts.

Bases provide a finished floor with drainage hole.

	Clear Opening		Maximum Outside		Section Depth	
	Length	Width	Length	Width		
	420mm	240mm	552mm	372mm	150mm	
	530mm	380mm	662mm	512mm	150mm	
	600mm	450mm	689mm	539mm	150mm	
	600mm	600mm	689mm	689mm	155mm	
	750mm	750mm	839mm	839mm	155mm	
	900mm	450mm	989mm	539mm	155mm	
	915mm	445mm	1045mm	575mm	150mm	
	1160mm	380mm	1292mm	512mm	150mm	
	1200mm	450mm	1289mm	539mm	155mm	
	1200mm	600mm	1289mm	689mm	155mm	
	1310mm	610mm	1410mm	710mm	150mm	
	1380mm	530mm	1512mm	662mm	150mm	
	1500mm	750mm	1600mm	850mm	150mm	



Telecommunications Chambers– Quadbox™

The Quadbox system is available in standard 150mm deep structural twinwall ring sections providing maximum depth flexibility and strength and is available in the following industry standard clear opening dimensions

Product Code	Clear Opening
JMF102	725mm x 255mm
JMF104	915mm x 445mm
JMF106	1310mm x 610mm
JMF110	2325mm x 750mm
JMF111	1725mm x 750mm
Q7	300mm x 300mm
Q1	600mm x 450mm



Drop In Furniture

One of the novel features of Quadbox is that box furniture items drop into ready made pockets within the chamber. This removes any requirement to cast-in fixings or to drill on site adding to the time savings available to users.



Duct Entries

Duct entries are also simple to achieve using a standard hole saw mounted on a cordless drill. The chambers incorporate guides which identify drilling points to ensure correct duct spacing



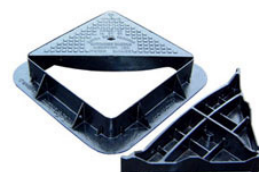
Network Overbuild

The modular design of Quadbox makes it perfect for overbuilding on existing ducted networks. Existing cables can be managed through the chambers walls and duct entries can be cut in any location. Chambers can also be benched to avoid existing services.



Quadbox™ the choice for BT

BT has approved Quadbox for use in its network.



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STAKKAbox™ Traffic Signalling & Streetlighting Chambers

- **VERY strong**—the only UK TSSL Chamber that takes a 40 tonne vertical load without the need for concrete backfill
- **Lightweight**—1 man installation
- **Simple duct entry** via pre-made & capped holes
- **Full range of lightweight composite covers**



Clear opening	Outside maximum	Duct Entries	Product Code
300 x 300	389 x 389	8	A253
450 x 300	539 x 389	10	A254
450 x 450	539 x 539	12	A255
600 x 450	689 x 539	14	A256
600 x 600	689 x 689	16	A257
900 x 450	989 x 539	18	A258
900 x 600	989 x 689	20	A259

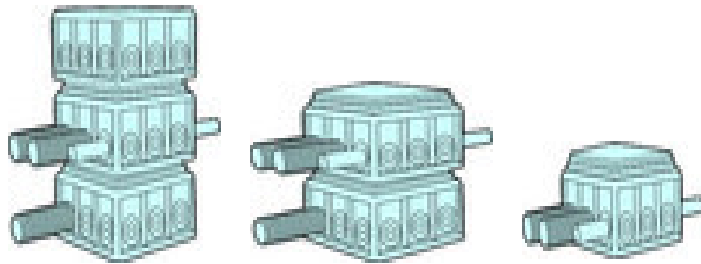
Comparison to liner systems		
<u>LINER</u>	VS	<u>STAKKAbox™</u>
< 5 Tonnes	Unsupported vertical loading	BSEN124 D400
No Standard	Unsupported side loading	BS5834-1: 1985
No	Fits around existing services without losing structural integrity	Yes
=	Installed cost comparison	=
<u>BRICK</u>	VS	<u>STAKKAbox™</u>
2 Days	Time to construct	30 Minutes
Yes	Skilled labour required	No
+50%	Installed cost comparison	-50%



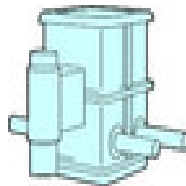
Access Chambers

Access Chambers:
Single Units—320mm High
Double Units—650mm High
Triple Units—985mm High

Sizes:
290mm x 275mm
450mm x 300mm
450mm x 450mm
600mm x 450mm
600mm x 600mm



Pole Boxes 640mm high:
290 x 275 (325w x 310d c/o)
290 x 275 (325w x 310d c/o)
450 x 450 (470w x 470d c/o)
450 x 450 (470w x 470d c/o)
Available with 114mm or 140mm
Pole box



**Composite, Galvanised Steel & Ductile Iron
Covers available to suit**

