Fixed & Tilt-Over Cabinet Base
TC, CB, TCTO, CBTO Range

TC & CB Range

Design Features
- The ideal column for urban CCTV schemes.
- Proven design accepted by the Highways Agency.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Desirable columns where aesthetics are of importance.
- Totally concealed cable management facility.
- High security and 'vault' door options for high risk areas.
- Decorative and ornamental versions available.
- Options include double doors and split cabinets.
- Telecom cell scheme versions available.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer's requirements.

General Specifications
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted 'TC' type root.
- 'Pocket' type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

Product Codes
400/500 TC Range:
- TC3
- TC4
- TC5
- TC6
- TC7
- TC8
- TC10
- TC12
- TC15

325 CB Range:
- CB4
- CB5
- CB6
- CB8

TCTO & CBTO Range

Design Features
- The versatile column for urban CCTV schemes.
- Proven design accepted by the Highways Agency.
- The tilt-over column enables safe camera maintenance at ground level.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Desirable columns where aesthetics are of importance.
- Totally concealed cable management facility.
- High security and 'vault' door options for high risk areas.
- A transferable winch which allows multi-site servicing and leaves installation tamper proof.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer's requirements.

General Specifications
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted 'TC' type root.
- 'Pocket' type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 4 to 10 metres.

Product Codes
400 TCTO Range:
- TC4TO
- TC5TO
- TC6TO
- TC7TO
- TC8TO
- TC10TO

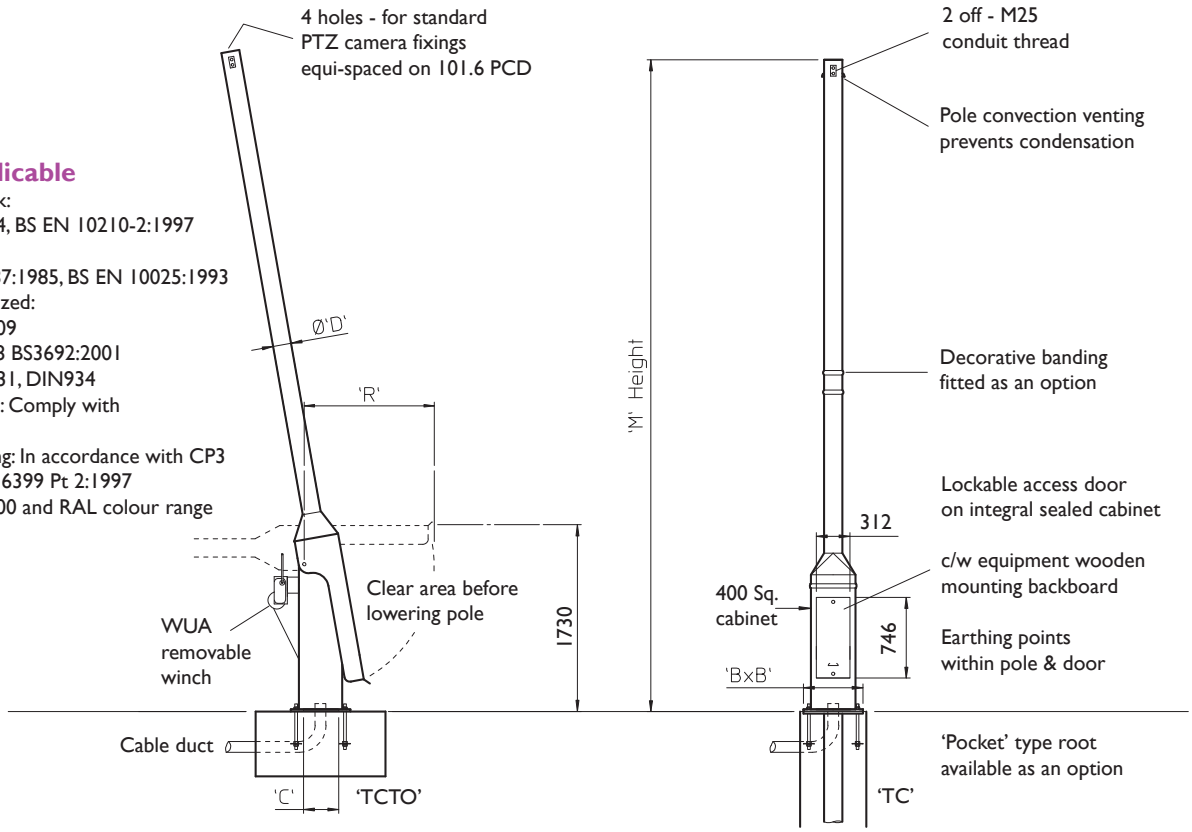
325 CBTO Range:
- CB4TO
- CB5TO
- CB6TO
- CB8TO

Fixed & Tilt-Over Cabinet Base
TC & TCTO Range

Technical Specification

Model Ref.	'M' Height	Tilting rear clearance 'R'	Baseplate size 'BxB'	Tube diam. 'D'	Cable access hole 'C'	Maximum equip cap'ty	Weight Kgs	Winch Selection
TC3	3 metres	*n/a*	550x550	Ø168	325x325	25Kg.	181.3 Kgs.	*n/a*
TC4	4 metres	*n/a*	550x550	Ø168	325x325	25Kg.	208.4 Kgs.	*n/a*
TCTO4		1220	550x550	Ø168	325x325	25Kg.	226.4 Kgs.	WUA
TC5	5 metres	*n/a*	550x550	Ø168	325x325	25Kg.	228.5 Kgs.	*n/a*
TCTO5		1220	550x550	Ø168	325x325	25Kg.	246.5 Kgs.	WUA
TC6	6 metres	*n/a*	550x550	Ø168	325x325	25Kg.	248.6 Kgs.	*n/a*
TCTO6		1220	550x550	Ø168	325x325	25Kg.	266.6 Kgs.	WUA
TC8	8 metres	*n/a*	550x550	Ø168	325x325	25Kg.	288.8 Kgs.	*n/a*
TC8HD		*n/a*	550x550	Ø219	325x325	25Kg.	331.8 Kgs.	*n/a*
TCTO8		1220	550x550	Ø168	325x325	25Kg.	349.8 Kgs.	WUA
TC10	10 metres	*n/a*	645x645	Ø219	325x325	25Kg.	384.6 Kgs.	*n/a*
TC10HD		*n/a*	645x645	Ø273	325x325	25Kg.	516.1 Kgs.	*n/a*
TC12	12 metres	*n/a*	645x645	Ø273	325x325	25Kg.	598.9 Kgs.	*n/a*

All dimensions in mm unless otherwise stated



Standards Applicable

- Structural Steelwork:
  BS EN 10210-1:1994, BS EN 10210-2:1997
- General Steelwork:
  BS1449:1991, BS1387:1985, BS EN 10025:1993
- Hot Dipped Galvanized:
  BS EN ISO 1461:2009
- Fasteners: Grade 8.8 BS3692:2001
  BS4190:2001, DIN931, DIN934
- Welding Procedures: Comply with
  BS EN 1011-2:2001
- Design Wind Loading: In accordance with CP3
  chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Options & Accessories

Enlarged cabinet (500 Sq.)
All pan/tilt, dome, fixed camera mount bracketry
Transferable winch for tilt-over columns
Double door access (partitioned cabinet)
Camera wash equipment (static columns only)
Ornate camera mounting brackets

Product Ref & Ordering Information

TC TO 6 HD

- TC — Town Centre 400 Sq. Cabinet Based Column
- TO — Tilt-Over Column
- 6 — Column Height in Metres
- HD — Heavy Duty Column
  when minimum deflection is required i.e. high zoom lens camera

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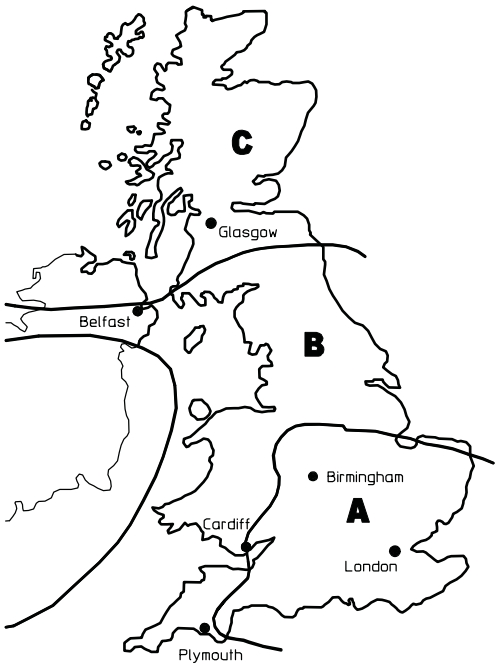
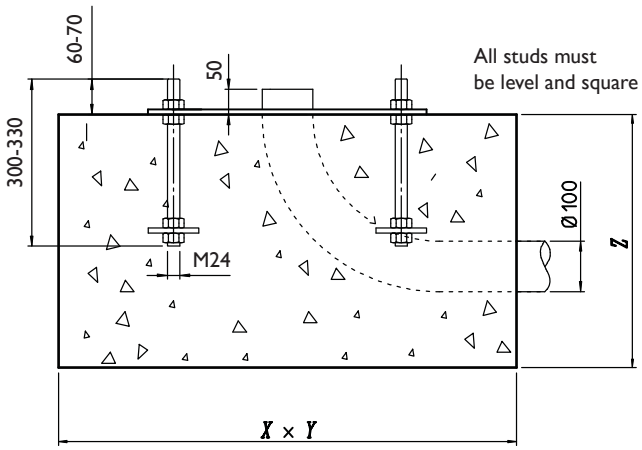
TC & TCTO Range

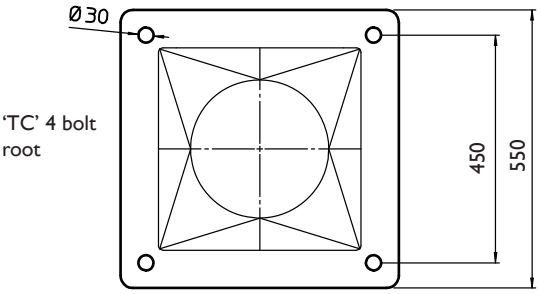
Base and Windload Specification

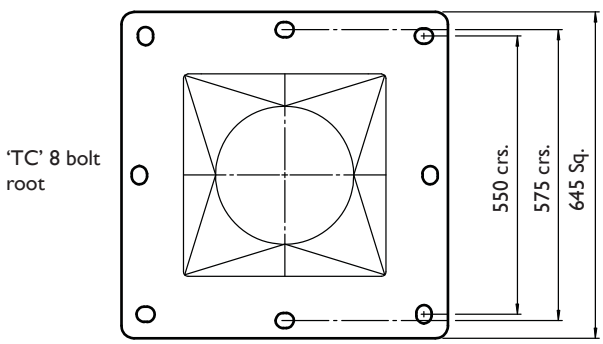
Concrete Foundation Table *X x Y x Z*							
Model Ref	Height	Area of Country			Area of Town		
		A	B	C	A	B	C
TC3	3m	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.9x0.9x 0.45m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.	0.8x0.8x 0.4m Dp.
TC4 TCT04	4m	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.	0.8x0.8x 0.4m Dp.	0.9x0.9x 0.45m Dp.	0.9x0.9x 0.45m Dp.
TC5 TCT05	5m	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.	0.9x0.9x 0.45m Dp.	1.0x1.0x 0.5m Dp.	1.0x1.0x 0.5m Dp.
TC6 TCT06	6m	1.0x1.0x 0.5m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.0x1.0x 0.5m Dp.	1.1x1.1x 0.55m Dp.	1.1x1.1x 0.55m Dp.
TC8 TCT08	8m	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.	1.3x1.3x 0.65m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.
TC10	10m	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.	1.6x1.6x 0.8m Dp.	1.3x1.3x 0.65m Dp.	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.
TC12	12m	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.	1.9x1.9x 0.85m Dp.	1.6x1.6x 0.8m Dp.	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.

A minimum soil bearing pressure of 75 KN/m2 is assumed









Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minumum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this

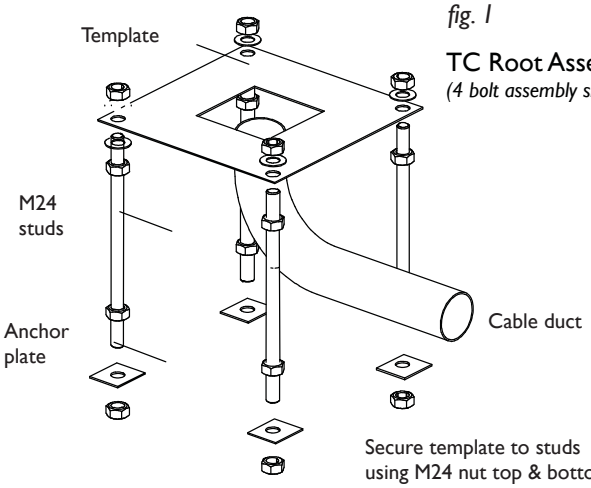


fig. 1

TC Root Assembly
(4 bolt assembly shown)