

Combined Equipment Cabinets (CECs)

Combined Equipment Cabinets (CECs) have primarily been introduced for use on managed motorways. The single, multi-purpose cabinets have been developed to replace the existing multi-cabinet system currently in place by the highways agency (Cabinet type 609 & Cabinet type 600).



Crown CEC cabinets meet the MCE-1227 specification for Combined Equipment Cabinets.

The Crown CEC cabinet has been designed to allow a host of different configurations, this is achieved with a simple modular bay system. A range of different bay types are available and these bays can be bolted together to form a variety of different cabinet configurations. This system means that we can construct a cabinet to suit the desired specification without having to customise the design for each configuration. This also means a cabinet can be altered to allow it to be used for a different or additional purpose.

Each bay has been designed for a different purpose and can include 19 inch racking, a simple back board or an array of shelving and 19-inch racking.

Individual bays can be left open into its neighbouring bay or can be sealed off and have different keys, allowing control over access to different equipment for different departments or companies.

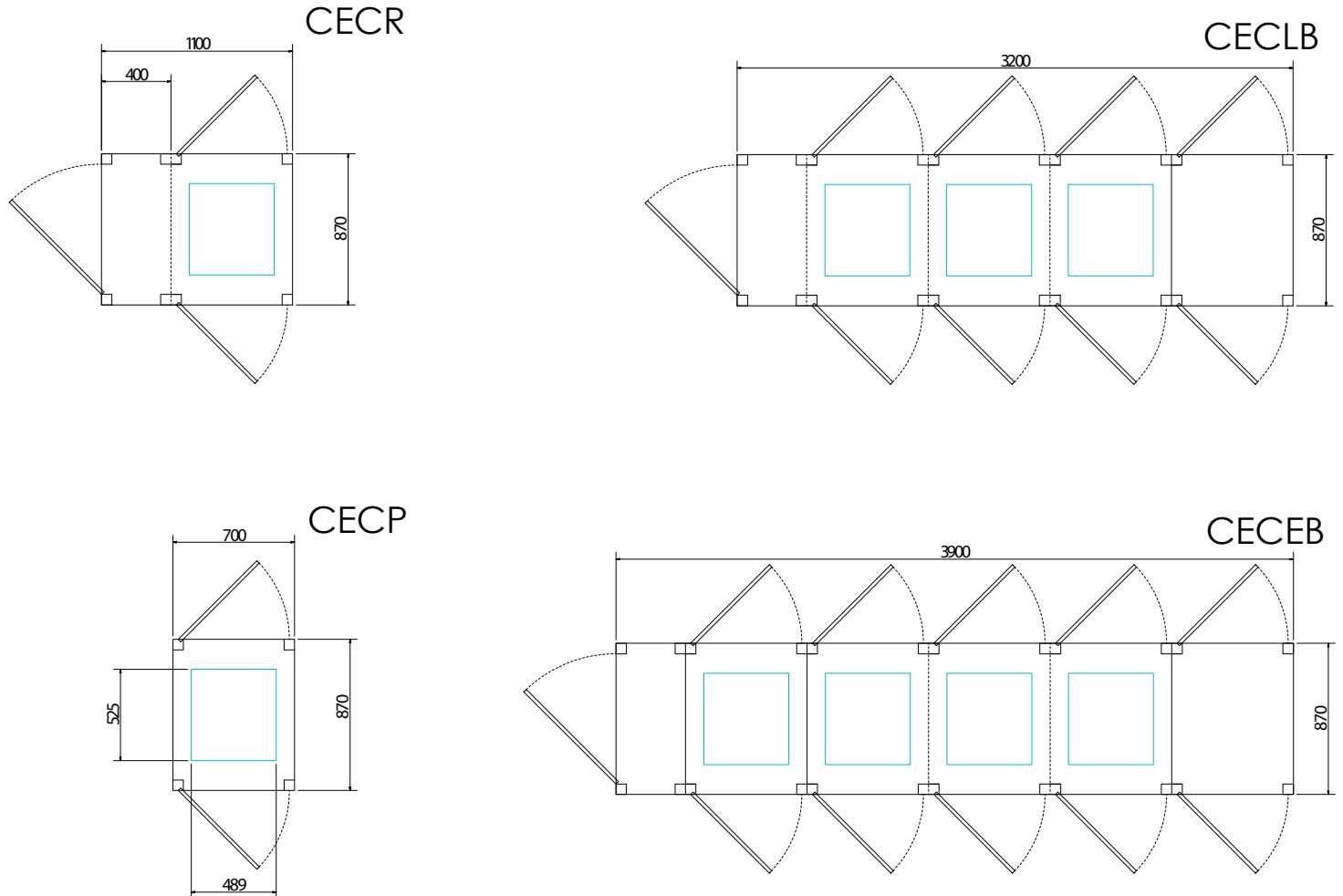
Specification

- Designed to MCE-1227 specification for Combined Equipment Cabinets
- Modular bay system to allow flexibility in configuration
- Welded stainless steel construction, but also available in galvanised and painted mild steel on request
- Powder coated or wet painted to any colour in the RAL and BS4800 range
- High security Mul-T-Lock Cylinder + Euro Shutter Locking System with S/S Multi-positional throw bars
- Custom locking systems and remote locking systems can be fitted on request
- Custom designed bays available on request
- Anti-vibration equipment rack mountings to reduce shock on equipment
- Front and rear access is available on most bay styles
- Internal hinges for added security
- Keyed access to inside the plinth via individual removable panels
- High quality rubber seals
- Manufactured to BS EN ISO9001 standards to ensure quality and reliability
- Welding Conformity; TP27, BSEN 1290; 1998

Technical Data

Shown below are four of the standard configurations from the MCE-1227 specification document, CECR, CECLB, CEP and CECEB. However due to the modular designed system any configuration is possible and custom bays can be designed.

Blue squares represent 19" racking, a dotted wall between cabinets shows access is available through the wall and a solid line between cabinets indicates that it is sealed off from the other bays.



Main Welded Construction 2mm 304 Stainless Steel BSEN 10088-2
Designed to MCE-1227 specification for Combined Equipment Cabinets
Welding Conformity: TP27, BSEN 1290; 1998
Stainless Steel Specification: 304 & 316, BSEN 10088-2
Fixings: 304, 316 Stainless Steel
Mild Steel Specification for M/S Versions: BSEN 10025-2:2004 S275 / S355
Hot Dip Galvanised Versions to: ISO1461
Non Galv Protection Version: Powder Coated Korroprime paint finish from the RAL or BS4800 ranges
Loading in accordance with BD 37/01 as modified by BD 51/98
All bays compliant with IP56 BS EN 60529, except battery bay with is compliant to IP45
19 inch racking as defined in BS5954, DIN 41494 part 7 and IEC 297
The quality assurance system has been approved against the international quality standard ISO 9001 by ASTA BEAB Certification Services under their Certificate No 12689.
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