

Weapons Cases Product Study

The need for the armed forces, police and civil security directorates, law enforcement agencies and private security companies to secure, store and transport firearms in the most convenient and robust way has always been a challenge. CP Cases solution is their range of custom-designed Weapons Cases.



CP Cases' Weapons Case being used to store a variety of arms in a British Army armoury.

Whether the problem is storing weapons in an armoury on a secure base, deploying them in the field or making them available for rapid use by security staff on-board commercial vessels, these cases deliver the finest solutions for the broadest range of applications.

Exploiting a wide range of standard sizes and extensive design capabilities, CP Cases work with customers to create a tailor-made product, delivering the perfect solution to protect, secure and deploy firearms in any situation.



CP Cases' Grenade Cases in use with the Gendarmerie in France.

A Sample Project

CP Cases' were contacted by a national police force to supply a number of secure, robust and protective cases to store and transport a range of firearms.

As customised case specialists, CP Cases rose to the challenge by utilising knowledge and experience gained in supplying similar cases to the Canadian Armed Forces through its wholly owned Canadian based subsidiary, CP Cases Inc, and we were able to deliver final prototype cases based on a 9mm Parabellum pistol format and the Colt M16A2 rifle format within a few months of first contact.



CP Cases are able to call upon an extensive library of design and build configurations to cater for the complete spectrum of firearms from pistols and sub-machine guns, through rifles and personal defence systems, to squad support and heavy assault weapons. They even have the capability to produce cases for artillery rounds and vehicle-mounted ordnance as well as ceremonial and legacy weapons.



Weapons Case for Browning M2 heavy machine gun with spare barrel.

The pistol cases were to hold 24 units plus magazines and rifle cases were to contain 10 shoulder arms, with 30 round magazines, and were delivered as part of the initial evaluation process.



Left: Populated pistol case complete with storage for spare magazines Right: Fully loaded rifle case with restraining bar open

The Solution

With toughness and protection the foremost consideration, CP Cases' range of Weapons Cases delivers the highest quality product for equipment protection and transportation.

With many standard designs available, or alternatively, designed to customer specifications, Weapons Cases are tailored to fit each individual application, in manufacturing quantities to accommodate all sizes of security forces, military divisions and armouries.

Rotationally moulded using virgin polyethylene, CP Cases' Weapons Cases share many of the benefits of their ruggedised Amazon range of containers; they comply to MIL-STD 810 and are highly resistant to impact and drop/shock, temperature extremes and vibration, as well as water and dust ingress (IP65 rated), and can be modified to include features such as flame retardant, anti-static and low infrared reflectivity.

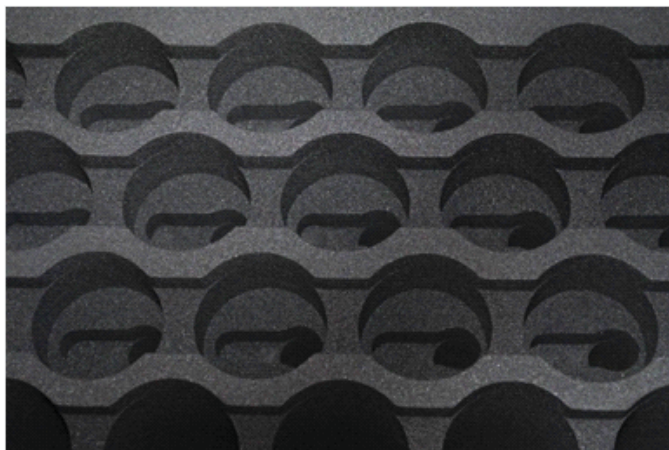
Nitrogen-blown polyethylene foam inserts provide unmatched levels of impact absorbency and support for the contents. The inert nature of the foam means there is no chance of chemical contamination or corrosion to the equipment inside (as is possible with other foam types).

The robust low-profile cam-operated butterfly latches are securely attached to fully encapsulated steel inserts, allowing 'no hassle' in the field replacement if ever required. The silicon gasket ensures dust and watertight integrity between the lid and the base.

Extra security features include an optional padlockable version of the latch and, for rifles, a weapons restraining bar across the middle of the internal of the case, with a sprung shoot bolt and additional internal padlock clasp mechanism give additional security to unwanted intrusion.

For multiple pistol and most rifle cases, recessed wheels can be added to aid manual handling. These 70mm diameter high performance ‘blade wheels’ do not impinge the stacking or storage footprint.

Other build options include stainless steel anchor points, with 180° movement for tie down to transport systems or crane lifting, and the facility to install the case as a temporary stand-alone weapons’ cabinet, allowing for ‘mini armouries’ to be easily erected whilst on manoeuvres. A broad palette of colour options is available; standard colours include black, olive drab, desert sand while other colours are available in orders over 25 units.



Examples of custom foam inserts.

CP Cases has extensive experience in designing and manufacturing ruggedised OEM cases and containers, and are able to provide practical solutions for unique applications, when a case or an extremely tough container is required for deployment, transport or storage.



Weapons Cases being used on exercise by the Royal Artillery for storage and transport of shells and charges

These skills mean that CP Cases can adapt cases for a range of associated uses such as large munitions storage in the field and special grenade cases capable of withstanding accidental internal discharge, and even design and create in-vehicle solutions from a myriad of materials.



Grenades cases designed and produced for Gendarmerie Nationale of France



The same skills and expertise are applied constructing secure in-vehicle storage systems for the British Transport Police Fast Response Units