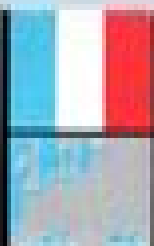


French Machine-Guns

1939-1945

WEAPONS



French Machine-Guns

Weapons of variable quality

The Hotchkiss Model 1879 was the first of a series of Hotchkiss machine-guns used by the French Army during the 1914-18 and Second World Wars. The basic weapon was gas-operated and locked by a locking flap which pivoted to hold bolt and barrel together on firing until pressure decayed and the recoil cycle could start. The gun was air-cooled and brass fins were fitted to assist in cooling. The resulting overheating was a source of weakness, as were the metallic strips which held the 8-mm cartridges. With original tripod - a basic thing lacking sophistication - the gun weighed 42 kg (92 lbs) - a hefty size which precluded mobility.

Subsequent models attempted to improve upon the design but achieved little. The best was the Model 1914 and, with the Aullé Model 16 tripod, this proved a sound and reliable weapon which had an improved belt-feed system. The overall length of this machine-gun was 1.27 metres (4 ft 2 ins) and barrel length was 775 mm (30.5 ins). It fired the 8-mm cartridge Model 89 at some 725 m/sec (2,380 fps) and equipped units of both the American Army post-1917 and the

British before.

The *Mitrailleuse* Model 1907 *Saint-Etienne* was based upon another attempt to improve on the Hotchkiss design, and a singularly unsuccessful one at that - the Model 1905 *Painon*. If ever there was a committee-designed weapon, the *Saint-Etienne* was it: unbelievably complicated and needlessly so. The return spring, below the barrel, often overheated and lost its temper, if left exposed it attracted dirt and became clogged. A variable size gas chamber theoretically altered the rate of fire. A rack and pinion device was fitted to reverse the stroke of the piston (which had been turned through 180°). Quite frankly the weapon was an appalling design and should never have been adopted. It was 1.18 metres (3 ft 10 ins) long - barrel 710 mm (28 ins) - and weighed 25.4 kg (56 lbs 12 oz) without tripod. It, too, fired from metallic strips at some 450 rpm with a similar muzzle velocity to the Hotchkiss which swiftly supplanted it at unit level.

Despite such poor designs, however, French machine-guns, when manned courageously, gave a good account of themselves in the 1940 campaign.

Illustration: *Saint-Etienne heavy machine-gun on tripod mount*

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British Motor Gun Boat 1939-45 Angus Konstam, 2013-03-20 Motor Gun Boats were the Spitfires of the Seas of the Royal Navy Bristling with small calibre guns and machine guns they served in a variety of roles during the War In the early war period they battled against German E boats in the English Channel then went on the offensive searching the enemy shore for targets of opportunity At other times they ran support for Motor Torpedo Boats and were used to deliver commandos on various raids Naval Warfare expert Angus Konstam tells the story of these small but destructive boats beginning with their design and development and carrying through to their operational use in both the European and Mediterranean theatres of World War II

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Administration,1946 **The Guns of John Moses Browning** Nathan Gorenstein,2021-05-25 A well researched and very readable new biography The Wall Street Journal of the Thomas Edison of guns a visionary inventor who designed the modern handgun and whose awe inspiring array of firearms helped ensure victory in numerous American wars and holds a crucial place in world history Few people are aware that John Moses Browning a tall humble cerebral man born in 1855 and raised as a Mormon in the American West was the mind behind many of the world changing firearms that dominated more than a century of conflict He invented the design used in virtually all modern pistols created the most popular hunting rifles and shotguns and conceived the machine guns that proved decisive not just in World Wars I and II but nearly every major military action since Yet few in America knew his name until he was into his sixties Now author Nathan Gorenstein brings firearms inventor John Moses Browning to vivid life in this riveting and revealing biography Embodying the tradition of self made self educated geniuses like Lincoln and Edison Browning was able to think in three dimensions he never used blueprints and his gifted mind produced everything from the famous Winchester 30 30 hunting rifle to the awesomely effective machine guns used by every American aircraft and infantry unit in World War II The British credited Browning s guns with helping to win the Battle of Britain His inventions illustrate both the good and bad of weapons Sweeping lively and brilliantly told this fascinating book that gun collectors and historians of armaments will cherish Kirkus Reviews introduces a little known legend whose impact on history ranks with that of the Wright Brothers Thomas Edison and Henry Ford **A Cultural**

History of Firearms in the Age of Empire Dr Giacomo Macola,Dr Karen Jones,Professor David Welch,2013-09-28 Firearms have been studied by imperial historians mainly as means of human destruction and material production Yet firearms have always been invested with a whole array of additional social and symbolical meanings By placing these meanings at the centre of analysis the essays presented in this volume extend the study of the gun beyond the confines of military history and the examination of its impact on specific colonial encounters By bringing cultural perspectives to bear on this most pervasive of technological artefacts the contributors explore the densely interwoven relationships between firearms and broad processes of social change In so doing they contribute to a fuller understanding of some of the most significant consequences of British and American imperial expansions Not the least original feature of the book is its global frame of reference Bringing together historians of different periods and regions A Cultural History of Firearms in the Age of Empire overcomes traditional compartmentalisations of historical knowledge and encourages the drawing of novel and illuminating comparisons across time and space Catalogue of the Public Documents of the [the Fifty-third] Congress [to the 76th Congress] and of All Departments of the Government of the United States United States. Superintendent of Documents,1896

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deployment of the Red Army throughout the year 1943 This work is part of a global monthly study from June 1941 to September 1945 The main sources for this study were the documents published by the Department of Military History of the Ministry of Defence of the Soviet Union in 1972 containing data from January 1 to December 1 1943 and the works of Colonel David M Glantz along with numerous secondary sources All the images illustrations tactical symbols and maps were made by the author as a personal tribute to the veterans that served in those units **The Machine Gun, History, Evolution, and Development of Manual, Automatic, and Airborne Repeating Weapons** Ordnance Bureau (Navy Department), 1951

Naval AntiAircraft Guns and Gunnery Norman Friedman, 2014-02-15 This book does for naval anti aircraft defense what Friedman s Naval Firepower did for surface gunnery it makes a highly complex but historically crucial subject accessible to the layman It traces the growing aerial threat from its inception in WWI and the response of each of the major navies down to the end of WWII highlighting in particular the underestimated danger from dive bombing The work considers what effective AA fire control required and how well each navy s systems actually worked analyzing the weapons how they were placed on ships and how this reflected the tactical concepts of naval AA defense All important guns directors and electronics are represented in close up photos and drawings and lengthy appendices detail their technical data It is simply another superb contribution to naval technical history by its leading exponent Catalogue of the Public Documents of the ... Congress and of All Departments of the Government of the United States for the Period from ... to ... United States. Superintendent of Documents,

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Today gun control is one of the most polarizing topics in American politics However before the 1960s positions on firearms rights did not necessarily map onto partisan affiliation What explains this drastic shift Patrick J Charles charts the rise of gun rights activism from the early twentieth century through the 1980 presidential election pinpointing the role of the 1968 Gun Control Act Gun rights advocates including the National Rifle Association had lobbied legislators for decades but they had cast firearms control as a local issue After the assassination of President John F Kennedy in 1963 spurred congressional proposals to regulate firearms gun rights advocates found common cause with states rights proponents opposed to civil

rights legislation Following the enactment of the Gun Control Act lawmakers on both sides of the aisle began to stake out firm positions Politicians including Richard Nixon and Ronald Reagan recognized the potential of gun control as a wedge issue and gun rights became increasingly tied to the Republican Party Drawing on a vast range of archival evidence Charles offers new insight into the evolution of the gun rights movement and how politicians responded to anti gun control hardliners He examines in detail how the National Rifle Association reinvented itself as well as how other advocacy groups challenged the NRA s political monopoly Offering a deep dive into the politicization of gun rights Vote Gun reveals the origins of the acrimonious divisions that persist to this day

United States Army in World War II. United States. Department of the Army. Office of Military History,1947 **United States Army in World War II**. ,2003 *The Ordnance Department: Procurement and supply*, by H.C. Thomson and L. Mayo Constance McLaughlin Green,Harry C. Thomson,Peter C. Roots,1955
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