

# **Artillery Cannon**

**Albert C. Manucy**

**Artillery Through the Ages** Albert C. Manucy,1985

*Artillery Through the Ages* Albert Manucy,2023-11-19 Looking at an old-time cannon, most people are sure of just one thing: the shot came out of the front end. For that reason, these pages are written; people are curious about the fascinating weapon that so prodigiously and powerfully lengthened the warrior's arm. And theirs is a justifiable curiosity, because the gunner and his art played a significant role in American history. Contents: The Era of Artillery The Ancient Engines of War Gunpowder Comes to Europe The Bombards Sixteenth Century Cannon The Seventeenth Century and Gustavus Adolphus The Eighteenth Century United States Guns of the Early 1800's Rifling The War Between the States The Change Into Modern Artillery Gunpowder Primers Modern Use of Black Powder The Characteristics of Cannon The Early Smoothbore Cannon Smoothbores of the Later Period Garrison and Ship Guns Siege Cannon Field Cannon Howitzers Mortars Petards Projectiles Solid Shot Explosive Shells Fuzes Scatter Projectiles Incendiaries and Chemical Projectiles Fixed Ammunition Rockets Tools The Practice of Gunnery

**Artillery Through the Ages** Albert C. Manucy,1994-04 A description of types of artillery used in warfare throughout history, including the ancient engines of war; gunpowder introduced to Europe; the bombards; 16th century cannon; the 17th century and Gustavus Adolphus; the 18th century; U.S. guns of the early 1800s; rifling; the Civil War; and the change to modern artillery. Also includes the characteristics of cannon; projectiles; tools; the practice of gunnery; glossary; and selected bibliography. Many of the types of cannon described in this book may be seen in areas of the National Park system; some parks with especially fine collections are listed. Illustrated with detailed drawings.

**Cannons** Dean S. Thomas,1985

*Field Artillery Cannon Battalion* United States. Department of the Army,1979

**On the Physical Conditions Involved in the Construction of Artillery** Robert Mallet,1856

**US Field Artillery of World War II** Steven J. Zaloga,2011-04-01 Determined to learn from the lessons of World War I, the US Army developed a new generation of field artillery weapons and tactics during the 1930s. Consequently, in World War II it was the clear leader in field artillery. Providing a thorough examination of the many critical innovations and doctrines, and the impact they had on performance, including the motorization of artillery, Fire Direction Centers, aerial observation, and radio communications. Exploring, in their entirety, the weapons that formed the backbone of the US artillery arsenal in World War II, this book reveals a wealth of detail not readily available elsewhere.

On Gunnery (Second Edition) Michael David Grice,2019-10-24 On Gunnery traces the fascinating evolution of artillery from the battlefields of the American Civil War to the desert sands of the middle east at the dawn of the 21st Century. Chronicling the evolution of fire direction and control from the muzzle loaded cannons of the Union and Confederacy to the shock and awe of Operation Iraqi Freedom, the book examines, in detail, the development of artillery equipment and procedures that brought the art of the artillerist into the modern age. Significant developments in field artillery gunnery, including the birth of indirect fire at the turn of the 20th century, the development of predicted fire techniques for artillery and machine guns during the Great War, the World War II era development of the Fire Direction Center, and the rise of automated computer technology are presented at a level of detail that will intrigue artillerymen and historians alike. A must read for the serious gunner or anyone interested in the art and science of artillery.

**American Artillerist's Companion** Louis de Tousard,1809

Field Artillery Weapons of the Civil War James C. Hazlett,Edwin Olmstead,M. Hume Parks,2004

This is a detailed survey, replete with photographs and diagrams, of the field artillery used by both sides in the Civil War. In paperback for the first time, the book provides technical descriptions of the artillery (bore, weight, range, etc.), ordnance purchases, and inspection reports. Appendixes provide information on surviving artillery pieces and their current locations in museums and national parks.

**Principles of Artillery Weapons ,1981**

*M65 Atomic Cannon* David Doyle,2019-09-30 A pictorial history of this powerful piece of artillery, an icon of the Cold War era. In 1949, the US Army wanted an artillery gun that could fire a nuclear warhead in the event that guided missiles and long-range bombers proved insufficient in delivering atomic weapons. The result was the M65 280mm Atomic Cannon. On May 25, 1953, at 0830 hours, an M65 of A Battery, 867th Field Artillery Battalion, let loose with the only nuclear round the type would ever fire. Six battalions of the M65 would eventually be deployed, most in Europe with one battalion sent to the Korean Peninsula. Though never used in combat, they served as a significant tactical nuclear deterrent. Through historic photos, this volume traces the development, production and deployment of this iconic piece of military equipment from the drawing boards to the Cold War battlefields of Europe.

The Field Artillery Cannon Battery United States. Department of the Army,1978

Big Guns Angus Konstam,2017-08-19 A concise, illustrated introduction to artillery from medieval times to the modern era. Over seven centuries, the artillery piece has evolved from a status symbol to one of the most deadly weapons wielded by man. Using gunpowder weapons was initially something of a black art, but over time, gunnery became a science, a dependable method of breaching fortifications or overcoming an enemy on the battlefield. By the nineteenth century, most European armies had artillery units manned with trained gunners; Napoleon, originally an artillery

officer, then took the use of artillery to a new level. Over the following decades, rapid advances in gun technology paved the way for the devastatingly powerful heavy artillery that literally transformed the landscape during World War I. The use of rolling and box barrages shaped how armies fought on the front lines, and powerful naval guns dictated the outcome of battles at sea. By World War II, the range of artillery had expanded to include self-propelled guns and powerful antitank and antiaircraft guns. In this informative introduction, historian Angus Konstam concisely explains how the development and evolving deployment of artillery led to big guns becoming the key to victory in two world wars and a potent force on the modern battlefield.

Seacoast Artillery Weapons War Department,2018-09-22 This technical manual covers the weapons and the basic principles employed in the operation of seacoast artillery used during the WW II period.It is profusely illustrated with photographs and illustrations of the weapons and their supporting systems. An excellent resource book for those interested in the WW II-era seacoast artillery weapons: the 16-inch, 12-inch, 8-inch, and 6-inch long range barbette mounts, the M1900 6-inch, the M1902 and M1903 3-inch, the 90 mm anti-motor torpedo boat weapons, and the 155 mm tractor-drawn guns.

*Field artillery cannon gunnery* United States Department of the Army,1978

**Artillery Through the Ages A Short Illustrated History of Cannon, Emphasizing Types Used in America** Albert C. Manucy,2007

*Artillery Through the Ages* Albert C. Manucy,1962

*American Civil War Artillery 1861-65 (2)* Philip Katcher,2012-07-20 Because of the length of the coastline of the United States, from the beginning American ordnance and engineers placed an emphasis on heavy artillery mounted in coastal defences. The Union army organised its 'Heavy

Artillery' into separate regiments, uniformed and equipped differently. While the Field Artillery was assigned across the fighting fronts Heavy Artillery units served the big guns in the forts and the defences of Washington. The Confederates did not differentiate types of artillery and those that became known as Heavy Artillery did so through informal association rather than formal designation. This book details the development and usage of the big guns. New Vanguard 38 and 40 are also available in a single volume special edition as 'American Civil War Artillery 1861-65'.

**Field artillery cannon battalion** United States. Department of the Army, 1983

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 condiciones de uso. Castellano y literatura 9 /  
 Helena Azpurua, Marianina Alfonzo. Publisher:  
 Caracas : Oxford University Press Venezuela,  
 1999 ; Edition: 1a. ed. ; Description: 215 p. : il.  
 col. ; 27 cm. ; ISBN: 9803700138. ; Subject(s): ...  
 Castellano Y Literatura 9 Actualidad |  
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 Editores. Grupo Editorial Girasol. Referencias.  
 ARANGUREN ... Agencias ISBN << - Cenal  
 Castellano y literatura 9. Autor:Azpurua de  
 Alfonzo, Helena Editorial:Editorial Girasol  
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 Publicado:2001-06-01. ISBN 978-980-6189-67 ...  
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