Anti Tank Gun

Matthew Moss

<u>US Anti-tank Artillery 1941–45</u> Steven J. Zaloga,2012-08-20 The US Army's development of the 37mm anti-tank gun began in response to needs identified during the Spanish Civil War. By the time it entered service in Tunisia in 1943, the gun was already obsolete, and the US began the licensed manufacture of the British 6-pdr in the hope of finding a quick solution to its artillery requirements. This in turn proved unequal to the demands of warfare in France in 1944, and further anti-tank measures were developed – rocket propelled grenades for infantry use, and weapons designed specifically for use by the Tank Destroyer Force.

The Anti-Tank Rifle Steven J. Zaloga, 2018-01-25 The emergence of the tank in World War I led to the development of the first infantry weapons to defend against tanks. Anti-tank rifles became commonplace in the inter-war years and in the early campaigns of World War II in Poland and the Battle of France, which saw renewed use in the form of the British .55in Boys anti-tank rifle - also used by the US Marine Corps in the Pacific. The French campaign made it clear that the day of the anti-tank rifle was ending due to the increasing thickness of tank armour. Nevertheless, anti-tank rifles continued to be used by the Soviets on the Eastern Front with two rifles, the 14.5mm PTRS and PTRD, and were still in widespread use in 1945. They served again with Korean and Chinese forces in the Korean War, and some have even appeared in Ukraine in 2014–15. Fully illustrated and drawing upon a range of sources, this is the absorbing story of the anti-tank rifle, the infantryman's anti-armour weapon during the world wars.

US Anti-tank Artillery 1941–45 Steven J. Zaloga,2012-08-20 The US Army's development of the 37mm anti-tank gun began in response to needs identified during the Spanish Civil War. By the time it entered service in Tunisia in 1943, the gun was already obsolete, and the US began the licensed manufacture of the British 6-pdr in the hope of finding a quick solution to its artillery requirements. This in turn proved unequal to the demands of warfare in France in 1944, and further anti-tank measures were developed – rocket propelled grenades for infantry use, and weapons designed specifically for use by the Tank Destroyer Force.

Hitler's Anti-Tank Weapons 1939–1945 Hans Seidler, 2020-05-30 This illustrated WWII history captures the evolution of Nazi Germany's anti-armor weaponry through rare archival wartime photos. Hitler's Wehrmacht and SS units will be remembered for their aggressive Blitzkrieg tactics. But, as the war progressed, the Germans developed an impressive range of anti-tank warfare weaponry and munitions. Using many rare unpublished images, this Images of War book covers the full Nazi anti-armor capability. Also featured are the half-tracks and converted Panzers that pulled or mounted these weapons and carried observers and reconnaissance elements forward. Later hand-held anti-tank weapons came into service and were effective against Allied armor. The Panzerfaust, with its shaped charge warhead, became the first disposable anti-tank weapon in history. This comprehensive book shows this formidable range of weapons in action from Poland in 1939, through North Africa and the Eastern Front to the final collapse of the Third Reich in 1945.

Anti-tank Weapons Peter Chamberlain, Terry Gander, 1974

Men Against Tanks John S. Weeks, 1975

World War II Infantry Anti-Tank Tactics Gordon L. Rottman, 2013-08-20 The battlefield interaction between infantry and tanks was central to combat on most fronts in World War II. The first 'Blitzkrieg' campaigns saw the tank achieve a new dominance. New infantry tactics and weapons – some of them desperately dangerous – had to be adopted, while the armies raced to develop more powerful anti-tank guns and new light weapons. By 1945, a new generation of revolutionary shoulder-fired AT weapons was in widespread use. This book explains in detail the shifting patterns of anti-tank combat, illustrated with photographs, diagrams and colour plates showing how weapons were actually employed on the battlefield.

German Tank Hunters Bob Carruthers,2013-01-19 This unique collection of contemporary combat accounts provides a primary source insight into the reality of anti-tank warfare on the Eastern Front. Both armoured and infantry based operations are considered.?? This book is part of the 'Hitler's War Machine' series, a new military history range compiled and edited by Emmy Award winning author and historian Bob Carruthers. The series draws on primary sources and contemporary documents to provide a new insight into the true nature of Hitler's Wehrmacht.?? The series consultant is David Mcwhinnie creator of the award winning PBS series 'Battlefield'.

German Anti-tank Guns, 1939-1945 Terry Gander, 1973

German 88 Terry Gander,2009-10-19 The German 88 mm guns became the most famous and feared artillery pieces of the Second World War. They appeared in a whole series of forms ranging from anti-aircraft to anti-tank and tank-guns, including several self-propelled platforms. Although primarily anti-aircraft guns they gained an awesome reputation as anti-tank weapons, a reputation that remains to this day. Terry Gander, in this in-depth, highly illustrated study, tells the story of the 88 from its first manifestations during the Great War to its clandestine development in Sweden, its production in Germany, its first 'multi-role' initiation during the Spanish Civil War and its part in the campaigns of 1939-40. As well as a detailed technical description of the gun and its development, his book features vivid accounts of the 88 in action in many of the main theaters of the Second World War, in North Africa, Italy, France and Germany, and on the Eastern Front.

37-mm Gun, Antitank, M3, 1942

Panzer Killers Artem Drabkin,2013-04-08 Red Army anti-tank gunners offer vivid accounts of their World War II combat experiences. From the cold and hunger of the Leningrad front to the clinging mud of the Korsun operation, from the gates of Moscow in 1941 to Vienna and Berlin in 1945, the recollections of these anti-tank gunners cover the vast expanses of the Eastern Front. The vivid personal narratives selected for this book give a fascinating insight into the firsthand experience of anti-tank warfare seventy-five years ago. Their testimony reveals how lethal, rapid, small-scale actions, gun against tank, were fought, and it shows how such isolated actions determined the outcome of the massive offensives and counter-offensives that characterized the struggle on the Eastern Front. They recall the hazards, confusion, and speed of combat, but they also provide details of the day-to-day routines of campaign life as part of a small, tightly knit team of men whose task was to take on the most feared tank armies of the day. Panzer Killers is a valuable addition to this series of graphic eyewitness accounts of every aspect of the Red Army's war on the Eastern Front published by Pen & Sword. It records the contribution of one of the neglected branches of the Soviet armed forces—the anti-tank men who played a vital role in the complex military machine that stemmed the Germans' advance, then forced them back to Berlin.

German Anti-Tank Guns Werner Haupt, 1997-01-07 Covers the use and types of German anti-tank guns used during WWII.

The PIAT Matthew Moss,2020-08-20 Designed in 1942, Britain's innovative Projector, Infantry, Anti-Tank (PIAT) provided British and Commonwealth troops with a much-needed means of taking on Germany's formidable Panzers. Replacing the inadequate Boys anti-tank rifle, it was conceived in the top-secret World War II research and development organization known colloquially as 'Churchill's Toyshop', alongside other ingenious weapons such as

the sticky bomb, the limpet mine and the time-pencil fuse. Unlike the more famous US bazooka, the PIAT had its roots in something simpler than rocket science. Operated from the shoulder, the PIAT was a spigot mortar which fired a heavy high-explosive bomb, with its main spring soaking up the recoil. The PIAT had a limited effective range. Troops required nerves of steel to get close enough to an enemy tank to ensure a direct hit, often approaching to within 50ft of the target, and no fewer than six Victoria Crosses were won during World War II by soldiers operating PIATs. A front-line weapon in every theatre of the conflict in which Commonwealth troops fought, from Europe to the Far East, the PIAT remained in service after 1945, seeing action during the Greek Civil War, the Arab–Israeli conflict and the Korean War. This illustrated study combines detailed research with expert analysis to reveal the full story of the design, development and deployment of this revolutionary weapon.

The Anti-Tank Rifle Steven J. Zaloga, 2018-01-25 The emergence of the tank in World War I led to the development of the first infantry weapons to defend against tanks. Anti-tank rifles became commonplace in the inter-war years and in the early campaigns of World War II in Poland and the Battle of France, which saw renewed use in the form of the British .55in Boys anti-tank rifle - also used by the US Marine Corps in the Pacific. The French campaign made it clear that the day of the anti-tank rifle was ending due to the increasing thickness of tank armour. Nevertheless, anti-tank rifles continued to be used by the Soviets on the Eastern Front with two rifles, the 14.5mm PTRS and PTRD, and were still in widespread use in 1945. They served again with Korean and Chinese forces in the Korean War, and some have even appeared in Ukraine in 2014–15. Fully illustrated and drawing upon a range of sources, this is the absorbing story of the anti-tank rifle, the infantryman's anti-armour weapon during the world wars.

Pak 40, German 7,5 Cm Anti-tank Gun Jan Coen Wijnstok,2013-05-19 Technical/historical background illustrated with b/w period photos and a selection of detailed walk around photographs highlighting technical details of the Pak 40 - the most numerous and widely used anti-tank gun in the Wehrmacht inventory during World War II. Includes 182 full color photos of the two museum pieces preserved at the Panzermuseum Munster, Germany and the Dutch Army Museum, Maaldrift, the Netherlands, and the two city monuments at Valkenburg and Zandoerle in the Netherlands; 31 b/w period photos showing several camouflage and crew uniforms options; 10 pp. super-detailed 1/24th, 1/35th & 1/48th scale drawings of PaK 40 & variants, 2 pp 1/7.5th scale drawings of the ammunition, 3 pp scale drawings of the PaK 40 self-propelled mountings.

British Anti-tank Artillery 1939–45 Chris Henry,2004-09-23 The rapid development of the tank as an offensive weapon following its introduction in World War I gave artillery theorists cause for concern during the 1920s and 1930s. By the beginning of World War II anti-tank guns had been developed, initially at around 37mm and 2 pounds in weight of shot. By the end of the war, monster anti-tank weapons were being developed, able to penetrate an armour thickness of up to 200mm at a range of 1,000 yards. This book explores the British efforts to keep up in a war of development, which saw heavier and more powerful guns eventually replaced by experimental ideas in an attempt to stop the German onslaught.

The Bazooka Gordon L. Rottman, 2012-06-20 Most belligerents entering World War II armed their infantry with bulky and ineffectual anti-tank rifles as their primary means of combating tanks. US planners realized that what infantrymen needed was a relatively lightweight, man-portable anti-tank weapon that was simple to operate, accurate, and capable of knocking out the average tank at a reasonable range, while also being effective against fortified buildings, pillboxes, and personnel in the open. The bazooka combined a revolutionary new anti-tank rifle-grenade warhead, a much-modified British anti-aircraft rocket motor, and a cobbled-together launcher tube and electrical firing system; its first test-firing astounded observers, and it was immediately adopted by the US armed forces. Featuring specially drawn colour artwork, this engaging study tells the story of the bazooka, which set the standard for future light anti-tank weapons and their ammunition, and was a key influence on anti-tank tactics and techniques in the post-war era.

Panzer-jäger Peter Chamberlain, Chris Ellis, 1971

Anti-tank Weapons John Norris, 1996 Concise, accurate, and timely data on anti-tank battle gear.

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