
Anti Tank Weapons And Military Vehicles

The Spread of Military Innovations in the International System
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 Anti-Tank Weapons and Military Vehicles
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 European Theater 1944-45
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 Arms Of Destruction
 And Other German Infantry Anti-Tank Weapons
 Handbook on Soviet Ground Forces
 The Case Study of Technology Development for the Javelin Anti-tank Weapon System
 Bazooka vs Panzer
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ANDREA ERICKSON

The Spread of Military Innovations in the International System
Saghir Iqbal

When East and West survived on a knife-edge between peace and war, both sides were busy preparing themselves for military action. But what exactly would NATO's troops have faced if the Cold War had suddenly turned hot? Tanks and Combat Vehicles of the Warsaw Pact is a fascinating reference book looking at the wide variety of combat vehicles which were poised and ready for action throughout the long years of military stand-off. Led by the Soviet Union, the nations which formed the Warsaw Pact were as innovative as they were prepared and these deadly war machines had the potential to change the course of world history forever. Find out more about these combat vehicles from how they worked to what they would have been capable of if they had been used in military action against NATO. Tanks and Combat Vehicles of the Warsaw Pact details more than 100 military vehicles from the 2P26 "Baby Carriage" - a compact Soviet off-

road vehicle mounted with anti-tank missiles - to the T-80U main battle tank, in service from 1985 onwards.

U.S. Army Tank Destroyer Doctrine in World War II Brasseys Uk Limited

After a modest beginning, the massive appearance of Red Army T-34 tanks on the Eastern Front led to an urgent request for the development of a highly mobile and effective anti-tank weapon. This book describes all German anti-weapons, from the early anti-tank rifles to the Panzerfaust and Panzerschreck, but also features several experimental and rare weapons, including the mysterious Luftfaust.

World War II Infantry Anti-Tank Tactics Shilka Publishing

In the summer of 1944, across the battlefields of Normandy, US tanks were confronted with a dangerous challenge: the mobile and deadly Panzerfaust and Panzerschreck anti-tank weapons wielded by the German infantry. Having only occasionally encountered such weaponry before, the US tankers were ill-equipped to defend against this kind of attack, and the threat only increased as the summer wore on. This Duel title follows the technological battle for dominance that ensued, as the US Army devised new ways to defend against the threat posed by the

German shaped-charge projectiles. From the addition of sandbags and spare tracks to individual tanks made by anxious crews on the ground to the large-scale programmes put together by the US armies, the book explores the implementation and effectiveness of the various tactics employed by the tank crews, as well as the technology behind the anti-tank weapons wielded by their German adversaries. Drawing on first-hand accounts from the men on the ground, this illustrated title examines the evolving trial of strength between US armour and innovative German anti-tank weaponry in the climactic months of World War II in Europe.

Rikugun. Volume 2 Bloomsbury Publishing

Weapons proliferation is one of the most pressing global concerns following the end of the Cold War. Despite the absence of an overarching superpower conflict, armaments and related technologies have continued to spread throughout the international system. This has been particularly true in areas like East Asia and the Middle East, where the traditional two party arms races are not readily apparent. This text addresses these concerns and shortcomings using data on fourteen specific military technological innovations that diffused throughout the international system from 1960 to 1997.

Tanks of World War II Up Close Bloomsbury Publishing

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.

Artillery Bloomsbury Publishing

Hitler's Wehrmacht and SS units will be remembered for their aggressive 'Blitzkrieg' tactics. But, as the war progressed, the Germans, recognizing the offensive capability of armored warfare, 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 from the 3.7cm Pak 35, 5cm Pak 38 and 7.5cm Pak 40 to the versatile 8.8cm Flak feared by the Allies. Also featured are the half-tracks and converted Panzers that pulled or mounted these weapons and carried forward observers and reconnaissance elements. Later hand-held anti-tank weapons came into service and were effective and economic 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 in 1945.

German Anti-Tank Weapons Routledge

"Rikugun: Guide to Japanese Ground Forces 1937-1945" is the first nuts-and-bolts handbook to utilize both the voluminous raw allied intelligence documents and postwar Japanese documentation as primary sources. This second volume covers the armament of the ground forces. It takes advantage not only of postwar Japanese research, but also the extensive technical intelligence efforts of the Allies near the end of the war, and the

postwar investigations that have heretofore generally been ignored to provide a complete examination of wartime Japanese armament. The book is divided into twenty-three sections covering all categories including not only the standard arms, such as machine guns and coast artillery, but also more esoteric items such as bridging, chemical weapons and assault equipment. Each section provides both production and technical data, as well as a discussion of the unique characteristics of each weapon and its place in the force structure, accompanied by over 300 photographs and numerous data tables.

The Alliance and Europe: Military doctrine and technology, by S. Canby Penguin

The T-54, T-62 and T-72 main battle tanks along with the personnel carriers, assault guns, self-propelled guns and anti-tank missiles that are illustrated in this photographic history represent the high point in the design and manufacture of armoured vehicles by the Soviet Union during the Cold War. Although the superpowers never came to blows, the 'Cold War' was far from cold, as numerous 'hot' proxy wars were fought in Africa and the Middle East, and these conflicts employed the Soviet weaponry that is shown in action in the colour and black-and-white photographs selected for this book. Between the 1950s and 1980s Soviet and Warsaw Pact countries produced thousands of tanks and armoured vehicles ready for the Third World War. They embarked on a technological arms race with the NATO allies in an attempt to counter each new piece of equipment as it appeared in service. Much of this Soviet weaponry has achieved almost iconic status and, despite its age, remains in service with armies, guerrilla forces and terrorist organizations around the world today. It is also of enduring interest to collectors, re-enactors and modellers who are fascinated by the military equipment of the late twentieth century.

New Conventional Weapons and East-West Security Anti-Tank Weapons and Military Vehicles

Problem: to determine whether the rifle platoon should have its own organic anti-tank weapons.

The Comparative Performance of German Anti-Tank Weapons During World War II Pen and Sword

Anti-Tank Weapons and Military Vehicles Lema Pub The Anti-Tank Rifle Bloomsbury Publishing

Anti-Tank Weapons and Military Vehicles Bloomsbury Publishing Kap.: Strategic Weapons. Naval Weapons: Anti-Submarine Warfare, Ship-to-Ship Missiles, Ship-to-Air Missiles, Weapons for Fast Attack Craft, Mine Warfare, Electronic Warfare at Sea, Naval Communications. Army Weapons: Tactical Nuclear Weapons, Main Battle Tanks, Anti-Tank Weapons, Artillery Weapons, Infantry Weapons, Battlefield Surveillance, Electronic Warfare on land, Army Communications. Air Force Weapons: Air Attack, Air-to-Surface Weapons, Air-to-Air Missiles, Remote Piloted Vehicles, Reconnaissance Satellites, Air Defence Electronic Warfare in the Air, Air Force Communications.

Mortars, Missiles, and Machine Guns Schiffer Pub Limited

First published in 1987, *The Compendium of Armaments and Military Hardware* provides, within a single volume, the salient technical and operational details of the most important weapons. The complete range of hardware used in land, sea and air forces throughout the world at the time of publication is covered, from tanks to rocket systems, helicopters to cruise missiles, alongside full details of size, weight and operational range. The book's main strength lies in the detail it gives of armament and associated ammunition capabilities, and of the sensors and other electronics required for the weapons to be used effectively. A key title amongst Routledge reference reissues, Christopher Chant's important work will be of great value to students and professionals requiring a comprehensive and accessible reference

guide, as well as to weapons 'buffs'.

[The Definitive Visual History of Armored Vehicles](#) Routledge
Concise, accurate, and timely data on anti-tank battle gear.

Real Options in Military System Acquisition Pen and Sword
Military

Some of the hard questions on the best and biggest include:

What was the best machine gun during WWII? Answer: The German MG-42
Name the best tank destroyer Answer: The U.S. M3
Which was the best submachine gun? Answer: The Australian Owen-
Slayton's previous book, *Empire Statesman* was an Alternate Selection of the History Book Club- Wayne Carson, a Marine weapons, expert will write the Foreword
[Battle of the Bulge 1944](#) Bloomsbury Publishing

"Three different technologies were considered in the guidance technology development phase of the Javelin anti-tank missile system: a laser-beam riding system, a fiber-optic guidance system, and a forward-looking infrared guidance system. Rather than choosing a single technology, in August 1986, the Army decided to award three Proof of Principle contracts of \$30 million each to three competing contractor teams to develop the technologies and conduct a fly-off missile competition. The Army paid \$90 million for these three options, all with potential but none with a guarantee of success. By doing this, the Army acquired the right, but not the obligation, to purchase the most successful technology for the Javelin missile. This is the essence of a real option. In this research, we applied the real option model to the three candidate Javelin guidance technologies. The study analyzed the three alternatives using measures of effectiveness (MOE) to combine performance across nine acquisition objectives. These MOEs were compared with development and procurement cost estimates. No alternative dominated. Marginal benefits analysis was then used to define the trade-off space among the alternatives. Differences in the likelihood of successful development of the alternatives were evaluated, resulting in one technology appearing to dominate. However, the acquisition approach created a real option for the best alternative that could differentially add value to the alternatives. A real options model was used to analyze the value provided by investing in this competitive option. Results indicate that the Army paid less than the total value of the three options, but could have increased net savings by paying different amounts to test each alternative. The analysis method provides a logical and defensible approach to the analysis of alternatives during technology development uncertainty"--Abstract.

Panzerbüchse, Panzerfaust AND Panzerschreck Lema Pub
Covers German hand-held anti-tank weapons of World War II.

Panzerfaust vs Sherman Bloomsbury Publishing

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.

Tanks in the Next War Bloomsbury Publishing

The M72 LAW and the RPG-7 are the iconic rocket-powered anti-tank weapons of the post-WW2 era; both are still in use to this day in conflicts around the world. This book examines each in detail using a variety of historical documents, both operator manuals and technical briefings developed originally by the US Training and Doctrine Command (TRADOC). Topics for the M72 covered are basic function and specifications, firing preparation, back blast awareness, firing positions and aiming/firing steps, plus failure to fire procedures. The RPG-7 information extensively covers component and function descriptions, weapon capabilities, optical sight details, Hit/kill probabilities, Soviet deployment doctrine, specific counter-measures and more. Well illustrated with over 70 images and diagrams. An in-depth review of each weapon system that will please any student of military studies.

[Pt. 1. Anti-tank, Field, Medium, Heavy and Super Heavy Weapons](#)
[- Pt. 2. Anti-aircraft, Coast Defence and Railway Weapons](#)
Merriam Press

In the seventy years that have passed since the tank first appeared, antitank combat has presented one of the greatest challenges in land warfare. Dramatic improvements in tank technology and doctrine over the years have precipitated equally innovative developments in the antitank field. One cycle in this ongoing arms race occurred during the early years of World War II when the U.S. Army sought desperately to find an antidote to the vaunted German blitzkrieg. This Leavenworth Paper analyzes the origins of the tank destroyer concept, evaluates the doctrine and equipment with which tank destroyer units fought, and assesses the effectiveness of the tank destroyer in battle.

Anti-tank Protection for the Rifle Platoon Greenhill Press

The 1973 Yom Kippur War rewrote the textbook on the tactics of modern armored warfare. Unlike the previous major Arab-Israeli war of 1967, the Israeli Defense Forces (IDF) faced an enemy that had invested heavily in modern Soviet weapon systems and tactics. Using detailed colour artwork and insightful analysis, this book explains how the effective use of the Soviet-supplied AT-3 Sagger (9M14 Malyutka) anti-tank missile allowed small Arab tank-killing teams to destroy Israeli armor at an astonishing rate. It also analyses the tank that opposed it, the US-built M60A1, which had to fight for survival against the Arab Saggars, and shows how in both the Sinai and the Golan Heights, the IDF quickly learned that firepower and infantry/artillery cooperation were the keys to their survival.

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