

Bt Tanks

Steven J. Zaloga

BT Fast Tank Steven J. Zaloga,2016-08-25 When the Red Army needed to mechanize its cavalry branch in the 1930s, the BT fast tank was its solution. Based on the American Christie high-speed tank, the Red Army began a program to adapt the design to its own needs. Early versions were mechanically unreliable and poorly armed but by the mid-1930s, the BT-5 emerged, armed with an excellent dual-purpose 45mm gun. It saw its combat debut in the Spanish Civil War in 1937 and was later used in the border battles with the Japanese Kwangtung Army in the late 1930s. The final production series, the BT-7, was the most refined version of the family. One of the most common types in Red Army service in the first years of the Second World War, BT tanks saw extensive combat in Poland, Finland, and the opening phases of Operation Barbarossa in 1941 and latterly during the 1945 campaign against the Japanese in Manchuria – this is the story of their design and development history.

Panzer 38(t) vs BT-7 Steven J. Zaloga,2017-04-07 The tank battles in the Soviet Union during the summer of 1941 were the largest in World War II, exceeding even the more famous Prokhorovka encounter during the Kursk campaign. Indeed, they were the largest tank battles ever fought. This book examines two evenly matched competitors in this conflict, the German Panzer 38(t) and the Soviet BT-7. Both were of similar size, armed with guns of comparable firepower, and had foreign roots – the Panzer 38(t) was a Czechoslovak design and the BT-7 was an evolution of the American Christie tank. With full-colour artwork and archive and present-day photography, this absorbing study assesses the strengths and limitations of these two types against the wider background of armoured doctrine in the opening stages of Operation Barbarossa.

Light Tanks Mikhail Baryatinskiy,2006 It is one of the ironies of Soviet tank development that a country opposed to free enterprise and capitalism was largely reliant on influences from Britain and the USA for many of its early designs. However, unhindered by many of the tactical constraints that affected tank development in the West, the Red Army was able to acquire and develop technology that was under-rated in both Britain and the USA. From Britain, the famous manufacturer Vickers produced a Six-Ton light tank; effectively rejected by the War Office, one example was acquired by the Russians and this formed the basis of the Russian T-26 of 1931. Further British designs also influenced the later light tanks, equipment which was pivotal to the Red Army during its campaigns in Manchuria, Finland and against the initial German assault in 1941. In the USA, Walter Christie was also largely ignored as a designer but, as with Vickers, his designs came to be highly important. His influence was seen in the 'BT' - short for 'Bystrochodri' or 'Fast Tank' - series of light-medium tanks that was first introduced in 1932. The BT series saw service in Spain, Manchuria, Finland and in the defense of Russia itself in 1941. The critical aspect of the Christie design was that the vehicles were capable of operating both with nor without tracks; in the latter case eight road wheels carried the weight of the vehicle, with steering being achieved via a steering wheel acting in conjunction with the clutch/brake system. In the second of the new 'Soviet Tanks' series, Mikhail Baryatinsky provides the reader with a comprehensive account of the development and operational record of Soviet light tanks. Utilizing photographs, line drawings and specially prepared artworks, he provides a detailed portrait of these highly successful tanks. Aimed at the modeler, military historian and war gamer, the new 'Soviet Tanks' series is designed to provide, probably for the first time in the English language, authoritative information on the classic Soviet tank designs of the 20th century. The series will be required reading for all those interested in the development of armored warfare over the past 100 years.

T-34/76 Medium Tank 1941–45 Steven J. Zaloga,2013-08-20 The T-34 was the most influential tank design of World War 2. When first introduced into combat in the summer of 1941, it represented a revolutionary leap forward in tank design. Its firepower, armour protection and mobility were superior to that of any other medium tank of the period. This superiority did not last long. While the T-34 underwent a series of incremental improvements during 1943, it was being surpassed by new German tank designs, most notably the Panther. This title traces the life of the original T-34 through all its difficulties to eventual success.

Designing the T-34 Peter Samsonov,2019-12-27 When the German army launched Operation Barbarossa – the invasion of the Soviet Union – on June 22, 1941, it was expecting to face and easily defeat outdated and obsolete tanks and for the most part it did, but it also received a nasty shock when it came up against the T-34. With its powerful gun and sloped armour, the T-34 was more than a match for the best German tanks at that time and the Germans regarded it with awe. German Field Marshal von Kleist, who commanded the latter stages of Barbarossa, called it “the finest tank in the world”. Using original wartime documents author and historian Peter Samsonov, creator of the Tank Archives blog, explains how the Soviets came to develop what was arguably the war’s most revolutionary tank design.

Russian Tanks of World War II Tim Bean,Will Fowler,2002 At the start of the campaign on the Eastern Front, in the earliest days of Operation Barbarossa, it was the German armour that swept all in front of it as the Wehrmacht drove eastwards in an unrelenting advance on Leningrad, Moscow and Stalingrad. The ill-prepared and under-resourced Russian forces were forced to retreat. Gradually, the balance of the war swung in favour of the Russian forces, whose strength both in numbers and equipment proved decisive in the ultimate defeat of the German forces in the east. Critical in the Soviet victory was its armour; tanks such as the T-34 proving the equal, if not better than, some of the tanks available to the Germans. This authoritative history of the Soviet forces before and during World War 2, reveals the development of their tactics in the early post-revolutionary era

right through to the ultimate victory in Berlin in May 1945. The dramatic struggle of the tank crews against the German advance is told through some 200 contemporary photographs, many of which have never been seen before. The photographs include images of tank training in the 1920s and 1930s, on active service, and many compelling pictures from some of the major tank battles of the day. Over the past five years, aided by the opening up of archives in Russia previously closed to western experts, there has been a massive growth in interest in the events that occurred on the Eastern Front. Russian Tanks is an important addition to the literature currently available, exploring as it does, the vitally important Soviet armour of the period.

Fallen Giants Francis Pulham, 2017-09-09 The Soviet T-35A is the only five-turret tank in history to enter production. With a long and proud service history on parade grounds, the T-35A was forced to adapt to the modern battlefield. Outclassed and outdated, the T-35A tried to hold its own against German invaders with terrible consequences. *Fallen Giants: The Combat Debut of the T-35A Tank* gives a grim depiction of the aftermath of the goliath that was the T-35A. Very little is known of these strange vehicles bar their basic shape and photographs of parade grounds and frontline action. For the first time, battlefield photographs have been cross-referenced with maps and documents to bring the most complete look at the T-35A in the Second World War to date. Explore the changes that were made to the design throughout the 1930s and interesting conversions often missed.

Russian and Soviet Tanks 1914-1941 Maximino Argüelles Martinez, 2014-02-17 About the evolution of the Soviet offensive doctrine during World War II. Where did this doctrine and armored formations that takes practice arise?. Why was the USSR as a nation which in 1940 developed a tank as advanced as the T-34?. 100 pages trying to answer these and other questions with a description of the principal armored vehicles and the formations in which were integrated from its beginnings in the Russian Empire until June 22, 1941.

T-34 Wolfgang Fleischer, Anthony Tucker-Jones, 2020-11-23 “A wide-ranging and detailed account of the design and development of what was arguably the best tank of World War II.” —Miniature Armoured Fighting Vehicles Association Although the Red Army suffered continual heavy tank losses, the rugged and reliable T-34 was an immense success story and was ultimately instrumental in turning the tide of the war. This photographic history follows the story of this exceptional armored vehicle from its disastrous first action during Operation Barbarossa to its miraculous defense of Moscow, its envelopment of the Axis forces at Stalingrad and victory at Kursk, and finally, the advance to the gates of Warsaw then on to Berlin. Packed with a wealth of images, including rare archive photographs and photographs of surviving examples, this is an extraordinary record of both the tank and its personnel. The accompanying text features an in-depth technical evaluation outlining the differences in the myriad of models, including detailed plans of each type, alongside a gripping breakdown of the tank’s entire operational history. “I totally recommend this book for all who love Russian armor or what was one of the hardest and biggest tank battles during World War 2 at Kursk, superb book.” —Armorama “A thoroughly definitive study of one of the world’s historic engines of war.” —The Army Rumour Service (ARRSE) “This is about as comprehensive as anybody could want in tracing the development, production, operational deployment and technical elements of the T-34 and its derivatives. Whatever you might want to know about the tank is here. Supplemented by drawings, copious images and tables it is a go-to reference book.” —Michael McCarthy, battlefield guide

The Tanks of Operation Barbarossa Boris Kavalerchik, 2018-05-30 An absorbing study of the tanks and the tank tactics of the Red Army and the Wehrmacht during the Axis invasion of the Soviet Union in World War II. When the Germans invaded the Soviet Union in 1941, the Red Army had four times as many tanks as the Wehrmacht and their tanks were seemingly superior, yet the Wehrmacht won the border battles with extraordinary ease. The Red Army’s tank force was pushed aside and for the most part annihilated. How was this victory achieved, and were the Soviet tanks really as well designed as is often believed? These are the basic questions Boris Kavalerchik answers in this compelling study of tank warfare on the Eastern Front. Drawing on technical and operational documents from Russian archives, many of which were classified until recently and are unknown to Western readers, he compares the strengths and weakness of the tanks and the different ways in which they were used by the opposing armies. His work will be essential reading for military historians who are interested in the development of armored warfare and in this aspect of the struggle on the Eastern Front. “So much has been written on this subject, and yet this book dispels myths and offers fresh insights in a study of Soviet and German tanks at the beginning of the war on the Eastern Front . . . a fascinating selection of images.”—Firetrench “This book is highly recommended due to the excellent use of data, the organization of the book established by the author, and thoughtful and comprehensive coverage of the subject.”—IPMS/USA

T-34 Shock: The Soviet Legend in Pictures Francis Pulham, Will Kerrs, 2021-07-11 The Soviet T-34 medium tank needs no introduction, being the most famous tank ever built especially as has seen service across the globe throughout the twentieth century’s most brutal wars. However, despite this fame, little has been written about its design changes. While most tank enthusiasts can differentiate between the ‘T-34V76’ and the

‘T-34-85’, identifying different factory production batches has proven more elusive. Until now. With nearly six hundred photographs, mostly taken by soldiers who both operated and fought against the T-34, this book seeks to catalogue and contextualise even the subtlest details to create a true ‘T-34 continuum’. The book begins with the antecedents of the T-34, the ill-fated BT ‘fast tank’ series and the influence of the traumatic Spanish Civil War before moving to an in-depth look at the T-34’s prototypes. After this, every factory production change is catalogued and contextualised, with never-before-seen photographs and stunning technical drawings. Furthermore, four battle stories are also integrated to explain the changing battle context when major production changes take place. The production story is completed with sections on the T-34’s post-war production (and modification) by Czechoslovakia, Poland, and the People’s Republic of China, as well as T-34 variants.

T-34/76 Medium Tank 1941–45 Steven J. Zaloga, 2013-08-20 The T-34 was the most influential tank design of World War 2. When first introduced into combat in the summer of 1941, it represented a revolutionary leap forward in tank design. Its firepower, armour protection and mobility were superior to that of any other medium tank of the period. This superiority did not last long. While the T-34 underwent a series of incremental improvements during 1943, it was being surpassed by new German tank designs, most notably the Panther. This title traces the life of the original T-34 through all its difficulties to eventual success.

Tank Wrecks of the Eastern Front, 1941–1945 Anthony Tucker-Jones, 2016-08-30 A photographic history of the destruction left in the wake of the world’s largest confrontation between mechanized armies: “Highly recommended.” —AMPS Indianapolis Four years of armored battle on the Eastern Front in the Second World War littered the battlefields with the wrecks of destroyed and disabled tanks, and Anthony Tucker-Jones’s photographic history is a fascinating guide to them. It provides a graphic record of the various types of tank deployed by the Red Army and the Wehrmacht during the largest and most destructive confrontation between mechanized armies in military history. During the opening stages of the war the German victors regularly photographed and posed with destroyed Soviet armor. Operation Barbarossa left 17,000 smashed Soviet tanks in its wake, and the heavy and medium tanks such as the T-28, T-35, KV-1, and T-34 proved to be a source of endless interest. Once the tide turned, the wrecked and burnt-out panzers the Mk IVs, Tigers, and Panthers were photographed by the victorious Red Army. As well as tracing the entire course of the war on the Eastern Front through the trail of broken armor, the photographs in this book provide a wide-ranging visual archive of the tank types of the period that will appeal to everyone who is interested in tank warfare and to modelers and wargamers in particular.

Soviet Tanks in Manchuria 1945 William E. Hiestand, 2023-03-16 A new illustrated study of the devastating, but little-known, Soviet armored blitzkrieg against the Japanese in the last weeks of World War II, and how it influenced Soviet tank doctrine as the Cold War dawned. Although long overshadowed in the West by the dropping of the atomic bombs on Hiroshima and Nagasaki, the USSR’s lightning strike into Manchuria in August 1945 was one of the most successful and unique campaigns of the era. Soviet forces, led by over 5,500 tanks and self-propelled guns, attacked across huge distances and deserts, marshes, and mountains to smash Japan’s million-strong Kwantung Army in a matter of days. Japanese forces were short of training and equipment, but nevertheless fought fiercely, inflicting 32,000 casualties on the Soviets. Red Army operations were characterized by surprise, speed, and deep penetrations by tank-heavy forces born of the brutal lessons they had learned during years fighting the Wehrmacht. Lessons from the campaign directly shaped Soviet Cold War force structure and planning for mechanized operations against the West. Illustrated with contemporary artwork and rare photos from one of the best collections of Soviet military photos in the West, this fascinating book explains exactly how the last blitzkrieg of World War II was planned, fought, and won, and how it influenced the Red Army’s plans for tank warfare against NATO in Europe.

Tanks of Other Nations Royal Armoured Corps Tank Museum, 1970

T-34 Robert Jackson, 2018-02-02 Von Kleist, one of Hitler’s best panzer leaders, described the T-34 as The finest tank in the world. There could have been no finer accolade from a commander whose panzer divisions experienced the full fury of its devastating attacks on the Eastern Front. Without doubt, the T-34 was one of the best tanks of all time, and in this volume in the TankCraft series Robert Jackson tells its story. He describes its conception in the 1930s, its development during the Second World War, and its postwar deployment to over thirty countries within the Soviet sphere of influence. His book is an excellent reference work for the modeler, providing details of available kits, together with artworks showing the color schemes applied to the T-34 by its operators throughout the world. Photographs, many in color, illustrate the T-34 in action and there is a section dealing with the range of armored vehicles that were built using the T-34 chassis. Robert Jackson’s introduction to the T-34 is necessary reading for tank enthusiasts and tank modelers alike.

Library of Congress Subject Headings Library of Congress, Library of Congress. Subject Cataloging Division, Library of Congress. Office for Subject Cataloging Policy, 2013

The World’s Most Powerful Tanks Michael E. Haskew, 2016-12-15 The World’s Most Powerful Tanks is an expert examination of the most successful tanks of the past hundred years. Beginning with the prototype Mark V Male in 1917, the book features 52 of the best armored fighting vehicles from World War I, World War II, through the Cold War to today. Each entry is examined over two spreads and includes a brief description of the

tank’s development and history, a color profile artwork, photographs, key features, and specifications tables. Packed with more than 200 artworks and photographs, The World’s Most Powerful Tanks is a colorful guide for the military historian and military technology enthusiast.

Russian Tanks, 1900-1970 John Milsom,1971

Library of Congress Subject Headings Library of Congress. Cataloging Policy and Support Office,2009

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Table of Contents Bt Tanks

- ePub, PDF, MOBI, and More
- Bt Tanks Compatibility with Devices
- Bt Tanks Enhanced eBook Features

7. Enhancing Your Reading Experience
- Adjustable Fonts and Text Sizes of Bt Tanks
 - Highlighting and Note-Taking Bt Tanks
 - Interactive Elements Bt Tanks

8. Staying Engaged with Bt Tanks
- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Bt Tanks

9. Balancing eBooks and Physical Books Bt Tanks
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Bt Tanks

10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time

11. Cultivating a Reading Routine Bt Tanks
- Setting Reading Goals Bt Tanks
 - Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Bt Tanks

1. Understanding the eBook Bt Tanks
- The Rise of Digital Reading Bt Tanks
 - Advantages of eBooks Over Traditional Books
2. Identifying Bt Tanks
- Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
- Popular eBook Platforms
 - Features to Look for in an Bt Tanks
 - User-Friendly Interface
4. Exploring eBook Recommendations from Bt Tanks
- Personalized Recommendations
 - Bt Tanks User Reviews and Ratings
 - Bt Tanks and Bestseller Lists
5. Accessing Bt Tanks Free and Paid eBooks
- Bt Tanks Public Domain eBooks
 - Bt Tanks eBook Subscription Services
 - Bt Tanks Budget-Friendly Options
6. Navigating Bt Tanks eBook Formats

- Fact-Checking eBook Content of Bt Tanks
- Distinguishing Credible Sources

13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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