

Heavy Tank

David Doyle

IS-2 Heavy Tank 1944-73 Steven J. Zaloga,2011-10-20 The Iosef Stalin tanks were the ultimate heavy tanks developed by the Soviet Union and were popularly called 'Victory tanks' due to their close association with the defeat of Germany in 1945. Yet in spite of their reputation, the Stalin tanks emerged from a troubled design, had a brief moment of glory in 1944 and 1945, and disappeared in ignominy after 1960. This title covers the events contributing to the Soviet Union's need to design the new series, with particular reference to the unsuccessful KV series and the advent of a new generation of heavy German tanks including the Tiger. It also covers their development, operational history and myriad variants.

Super-heavy Tanks of World War II Kenneth W Estes,2014-11-20 The super-heavy tanks of World War II are heirs to the siege machine tradition – a means of breaking the deadlock of ground combat. As a class of fighting vehicle, they began with the World War I concept of the search for a 'breakthrough' tank, designed to cross enemy lines. It is not surprising that the breakthrough tank projects of the period prior to World War II took place in the armies that suffered the most casualties of the Great War (Russia, France, Germany). All of the principal Axis and Allied nations eventually initiated super-heavy development projects, with increasingly heavy armor and armament. Much as the casualties of World War I prompted the original breakthrough tank developments, as Germany found itself on the defensive, with diminishing operational prospects and an increasingly desperate leadership, so too did its focus turn to the super-heavy tanks that could turn the tide back in their favor.

Firepower R. P. Hunnicutt,1988 Traces the development of the tank, looks at U.S. tanks used in W.W. II, and discusses the strategy behind the use of heavy tanks

Firepower R P Hunnicutt,2020-08-28 Featuring hundreds of photos from the national archives, diagrams, and detailed specifications, Hunnicutt's *Firepower* remains the definitive developmental history of the heavy tank for the military historian, professional soldier, and tank restorer.

IS-2 Heavy Tank 1944-73 Steven J. Zaloga,2011-03-15 The Iosef Stalin tanks were the ultimate heavy tanks developed by the Soviet Union and were popularly called 'Victory tanks' due to their close association with the defeat of Germany in 1945. Yet in spite of their reputation, the Stalin tanks emerged from a troubled design, had a brief moment of glory in 1944 and 1945, and disappeared in ignominy after 1960. This title covers the events contributing to the Soviet Union's need to design the new series, with particular reference to the unsuccessful KV series and the advent of a new generation of heavy German tanks including the Tiger. It also covers their development, operational history and myriad variants.

Firepower Geoffrey R. P. Hunnicutt,2020-08-18 Featuring hundreds of photos from the national archives, diagrams, and detailed specifications, Hunnicutt's *Firepower* remains the definitive developmental history of the heavy tank for the military historian, professional soldier, and tank restorer.

M103 Heavy Tank 1950-74 Kenneth W Estes,2013-03-20 The T43 design represented the pinnacle of U.S. Army tank engineering of the late 1940s. The heavy tank proved fairly popular with its crews, who above all respected the powerful armament it carried. The outbreak of war in Korea brought a rush order in December 1950 which led to a complete production run of 300 vehicles. After 1951, the Marine Corps alone retained confidence in the heavy tank program, investing its scarce funds in the improvements necessary to bring about its fielding after a hurried production run in midst of the 'tank crisis' of the year 1950-51. The eventual retirement of the M103 in 1972, over 20 years after manufacture and after 14 years of operational service, demonstrated the soundness of its engineering. It may have been the unwanted 'ugly duckling' of the Army, which refrained from naming the M103 alone of all its postwar tanks. For the Marine Corps, it served the purpose defined for it in 1949 until the automotive and weapons technology of the United States could produce viable alternatives.

M103 Heavy Tank 1950-74 Kenneth W Estes,2013-03-20 The T43 design represented the pinnacle of U.S. Army tank engineering of the late 1940s. The heavy tank proved fairly popular with its crews, who above all respected the powerful armament it carried. The outbreak of war in Korea brought a rush order in December 1950 which led to a complete production run of 300 vehicles. After 1951, the Marine Corps alone retained confidence in the heavy tank program, investing its scarce funds in the improvements necessary to bring about its fielding after a hurried production run in midst of the 'tank crisis' of the year 1950-51. The eventual retirement of the M103 in 1972, over 20 years after manufacture and after 14 years of operational service, demonstrated the soundness of its engineering. It may have been the unwanted 'ugly duckling' of the Army, which refrained from naming the M103 alone of all its postwar tanks. For the Marine Corps, it served the purpose defined for it in 1949 until the automotive and weapons technology of the United States could produce viable alternatives.

Soviet T-10 Heavy Tank and Variants James Kinnear,Stephen Sewell,2017-06-29 A highly illustrated study of the T-10 Heavy Tank that served from the 1950s through to the end of the Soviet Union. When it was introduced into service in 1953, the T-10 represented a return to the “classic” Soviet heavy tank. Although considered a major threat to NATO tank forces, it also represented the end of an era. All gun heavy tanks like the T-10 would eventually be made effectively redundant by later models like the T-62 which had powerful next generation armament and new ammunition types. The tank was gradually withdrawn from service in the 1970s, though the last tanks would only leave Russian service, by decree of the President of the Russian Federation, in 1997. As such the T-10 outlived the Soviet state that had created it. Never exported outside of the Soviet Union and rarely used in combat, the T-10 has remained a mysterious tank, with many of its variants unknown in the West until very recently. This study, written from original Russian and Ukrainian primary source documents that have only recently been made available, uncovers the history of this enigmatic tank using 130 stunning contemporary and modern photographs of the T-10 as well as full colour side-view artwork.

Firepower Richard Hunnicutt,2018-03-06 Featuring hundreds of photos from the national archives, diagrams, and detailed specifications, Hunnicutt's *Firepower* remains the definitive developmental history of the heavy tank for the military historian, professional soldier, and tank restorer. This ambitious entry in R.P. Hunnicutt's 10-volume compendium of American tank history details the development of the heavy tanks from its initial conception in World War I to its final development in the 1960s. First developed after WWI, various iterations of the heavy armored military vehicle have served as a crucial component of American military operations in all manner of engagements. Hunnicutt spares no detail as he examines the origins and deployment of the Mark VIII and T1 and M6 in the 1930s and 1940s. First conceived as a vehicle to be used for infantry support, by the end of WWI, the heavy tank had evolved into the modern concept with a powerful turret mounted antitank gun protected by heavy armor--a fighting machine in its own right. Hunnicutt provides detailed technical information about these vehicles and their role in the U.S. Army and Marines. The M103A product-improved descendant of the T43 tanks and its many variations is also treated with exacting detail by Hunnicutt, who takes us through the numerous and important variations on the heavy tank design. Spanning the history of America's most widely used main battle tank, Hunnicutt's *Firepower* is an absolute must-have for anyone interested in the history of the American military. Readers interested in related titles from R. P. Hunnicutt will also want to see: Abrams (ISBN: 9781626542556), Armored Car (ISBN: 9781626541559), Bradley (ISBN: 9781626542525), Half-Track (ISBN: 9781626541320), Patton (ISBN: 9781626548794), Pershing (ISBN: 9781626541672), Sheridan (ISBN: 9781626541542), Sherman (ISBN: 9781626548619), Stuart (History of the American Light Tank, Vol. 1) (ISBN: 9781626548626), *Firepower* (ISBN: 9781635615036), *Firepower* (ISBN: FIREPOWER_WOT), *Firepower* (ISBN: 9781635615036), *Firepower* (ISBN: FIREPOWER_WOT).

Tiger I: German Army Heavy Tank Dennis Oliver,2019-10-30 The Tiger I tank, probably the most famous German armoured vehicle of the Second World War, might have been a war-winning, break-through weapon if it had been produced in sufficient numbers and if it had been introduced earlier on the Eastern Front, before the balance of strength had tipped towards the Soviet Union. At the Battle of Kursk there were not enough Tigers to make a decisive difference and thereafter the Tiger was forced to play a mainly defensive role as the Wehrmacht struggled to withstand the advances of the Red Army. And it is this period in the Tiger tank's short history that Dennis Oliver concentrates on in this, his third book on the Tiger in the TankCraft series. He uses archive photos and extensively researched colour illustrations to examine the tanks and units of the German

army's heavy panzer battalions. A large part of the book showcases available model kits and aftermarket products, complemented by a gallery of beautifully constructed and painted models in various scales. Technical details as well as modifications introduced during production and in the field are also examined providing everything the modeller needs to recreate an accurate representation of the Tigers of 1943.

M103 Heavy Tank David Doyle,2015-01

Tiger I Dennis Oliver,2018-04-30 A fully illustrated guide to the German Tiger I tank and its operations in the field by the renowned expert on WWII armored vehicles. At Hitler's insistence, the first Tiger I tanks drove into action in Tunisia in December 1942. Despite their lack of reliability and the small number deployed, they quickly gained a fierce reputation. With its heavy armor and 88mm gun, the Tiger I outclassed all the Allied tanks then in service. Beyond their deployment in North Africa, they also operated in Sicily and Italy between 1943 and 1945. In his second volume in the TankCraft series on the Tiger, Dennis Oliver uses archive photos and extensively researched color illustrations to examine the Tiger tank and the German army units that first took them into combat. Perfect for model enthusiasts, Tiger I showcases available model kits and aftermarket products. It also includes a gallery of beautifully constructed and painted models in various scales. Technical details, as well as modifications introduced during production and in the field, are also examined providing everything the modeler needs to recreate an accurate representation of the tanks.

Kingtiger Heavy Tank 1942-45 Tom Jentz,Hilary Doyle,1993-01-28 As World War II entered its later stages and Germany was forced increasingly onto the defensive, the need for fast-moving mobile forces lessened and the Wehrmacht required better protected and more powerfully armed tanks. After debacles against the T-34, Hitler and the Panzerwaffe were determined not to be unprepared again. The result of this determination was the production of the heaviest and largest tank to see combat during World War II, the Tiger II or Konigtiger (Kingtiger). This title examines this formidable weapon, covering the problems and controversies surrounding its design and production as well as a detailed listing of every unit that was equipped with the Tiger II.

KV-1 & 2 Heavy Tanks 1939-45 Steven J. Zaloga,2013-03-20 Named after Klimenti Voroshilov, the People's Commissar for Defence, the KVs proved a nasty surprise for German tank crews during the early days of Operation Barbarossa. Although slow, they were extremely heavily armoured. This volume examines the transition from multi-turreted tanks to heavy single-turret vehicles, consisting of the KV-1 and 2, and the increased favour given to the heavy single-turret after the Germans began to develop ammunition capable of penetrating even the thickest armour, whilst detailing the design, development and operational history of the Soviet Union's monstrous KV series of tanks.

Swinging The Sledgehammer: The Combat Effectiveness Of German Heavy Tank Battalions In World War II Major Christopher W. Wilbeck,2014-08-15 This thesis is a historical analysis of the combat effectiveness of the German schwere Panzer-Abteilung or Heavy Tank Battalions during World War II. During the course of World War II, the German Army developed heavy tank battalions to fulfill the concept of breaking through enemy defenses so faster, lighter mechanized forces could exploit the rupture. These heavy tank battalions had several different tables of organization, but were always centered around either the Tiger or the Tiger II tank. They fought in virtually every theater of Europe against every enemy of Germany. Ultimately, the German military created eleven Army and three Waffen-SS heavy tank battalions. Of the Army battalions, the German command fielded ten as independent battalions, which were allocated to Army Groups as needed. The German Army assigned the last heavy tank battalion as an organic unit of the elite Panzer Grenadier Division Grossdeutschland. The Waffen-SS allocated all of their battalions to a different Waffen-SS Corps. Because these units were not fielded until late in 1942, they did not participate in Germany's major offensive operations that dominated the early part of World War II. Germany's strategic situation after mid-1943 forced their military onto the defensive. Consequently, there are very few instances when heavy tank battalions attacked as a breakthrough force. During the latter part of the war, they were used in many different ways to provide defensive assistance along very wide frontages. This study assesses the German heavy tank battalions as generally effective, primarily because of the high kill ratio they achieved. However, based upon observations from a wide variety of examples, this study also outlines several areas where changes may have increased their effectiveness.

KV-1 & 2 Heavy Tanks 1939-45 Steven J. Zaloga,2013-03-20 Named after Klimenti Voroshilov, the People's Commissar for Defence, the KVs proved a nasty surprise for German tank crews during the early days of Operation Barbarossa. Although slow, they were extremely heavily armoured. This volume examines the transition from multi-turreted tanks to heavy single-turret vehicles, consisting of the KV-1 and 2, and the increased favour given to the heavy single-turret after the Germans began to develop ammunition capable of penetrating even the thickest armour, whilst detailing the design, development and operational history of the Soviet Union's monstrous KV series of tanks.

Tiger 1 Hilary Louis Doyle,Thomas L. Jentz,1997

Modelling the IS Heavy Tank Nicola Cortese,2012-02-20 The IS (Iosef Stalin) heavy tanks were some of the most widely used AFVs produced by the USSR. First entering combat in 1944, the IS-2 went head-to-head with German tanks such as the Panther, Tiger and King Tiger, and post war IS-2s and IS-3s were exported to China, Cuba and North Korea. This book is packed with easy to follow super-detailing and finishing instructions for building the IS-2, IS-3, and IS-3M variants, as well as for the prototype ISU-152, and features kits from manufacturers such as Dragon, Tamiya, and Fujimi. Advanced scratch-building techniques and working with photo-etched and other after-market accessories in 1/35 and 1/76 scales are covered, making this highly accessible book a welcome addition to any modeller's library.

Soviet Heavy Tanks Ray Merriam,2016-12-26 Merriam Press World War 2 In Review Special Series. First Edition 2017. Ninth in the Special series of the World War 2 In Review journal. Pictorial overview with 349 photos, illustrations and drawings cover: (1) Kliment Voroshilov KV-1, KV-2 and KV-85 Heavy Tanks, flamethrower tanks and experimental models. (2) T-35 Heavy Tank. (3) T-100 Heavy Tank. (4) SMK Heavy Tank. (5) IS-1, IS-2 and IS-3 Heavy Tanks. (6) T-42 Super-Heavy Tank. Color printing on heavy coated stock.

Adopting the Melody of Term: An Mental Symphony within **Heavy Tank**

In a world consumed by monitors and the ceaseless chatter of immediate connection, the melodic elegance and mental symphony produced by the prepared term usually disappear in to the backdrop, eclipsed by the relentless noise and disruptions that permeate our lives. Nevertheless, set within the pages of **Heavy Tank** a marvelous fictional prize full of raw feelings, lies an immersive symphony waiting to be embraced. Constructed by a masterful composer of language, that fascinating masterpiece conducts viewers on an emotional journey, well unraveling the hidden tunes and profound influence resonating within each cautiously crafted phrase. Within the depths of this emotional examination, we will discover the book is main harmonies, analyze their enthralling publishing fashion, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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