

= M19 Multiple Gun Motor Carriage =

The M19 Multiple Gun Motor Carriage (MGMC) was a World War II United States Army self @-@ propelled anti @-@ aircraft weapon on the M24 light tank chassis . It was equipped with two Bofors 40 mm (1 @. @ 6 in) guns . It was produced by Cadillac near the end of 1944 .

The M19 was developed from the T65 which was based on the M5 light tank chassis . The original design was improved upon and designated the T65E1 . It was accepted into service in May 1944 as the M19 MGMC , equipping several U.S. Army anti @-@ aircraft units during World War II . The M19A1 was an improved variant with an auxiliary engine and spare barrels for the 40 mm Bofors guns .

During World War II , the M19 and M19A1 saw action in the European Theater of Operations as an assault gun , since the Allies had air supremacy over the skies of Europe . The M19 and M19A1 were also used during the Korean War in the same role .

= Specifications =

The M19 MGMC had similar specifications to the M24 Chaffee . It was 17 @. @ 9 ft (5 @. @ 46 m) long , 9 @. @ 33 ft (2 @. @ 845 m) wide , and 9 @. @ 83 ft (2 @. @ 997 m) high . It had a weight of 38 @, @ 499 lb (17 @, @ 463 kg) , and was powered with a 220 hp (160 kW) Twin Cadillac Model 42 , V @- @ 8 engine installation . It could achieve a speed of 35 mph (56 @. @ 3 km / h) , and had a range of 150 mi (241 km) . The vehicle was operated with a crew of six .

= Development =

The M19 evolved from the 40 mm Gun Motor Carriage T65 project , which was based on an Armored Force requirement for a light anti @-@ aircraft vehicle based on the M5 light tank chassis . Although trials were successful and a production of 1 @, @ 000 T65s had been requested , the project was stopped by the Ordnance Department since the M5A1 light tank chassis was being phased out of production .

Since the T65 project was fading away , the Armored Force still needed a light anti @-@ aircraft vehicle , so they made a new project (called T65E1) based on the new T24 chassis (a prototype of the M24 Chaffee) . The T65E1 had the same overall layout as the T65 GMC ? gun turret at rear with the engines in the middle of the chassis ? with a few minor tweaks (including an angular gun shield instead of a straight one) .

= M19 and M19A1 =

The T65E1 was accepted into service as the M19 Gun Motor Carriage in May 1944 with an order for 904 production models , which was sent to Cadillac . Production did not start until August of that year , and only 285 were produced by the end of the war . The M19A1 had an auxiliary engine and generator to operate the 40 mm guns when the main engine was shut down , and fixtures for carrying two spare gun barrels .

= Service history =

The full order was not completed as the requirements for anti @-@ aircraft weapons had changed and chassis were diverted to produce more of the Chaffee light tank .

The M19 MGMC served in Europe in World War II with the U.S. Army . By the time the M19 arrived , the Luftwaffe had been driven from the skies by Allied air power , so the M19 found use as an assault gun , which was a role it performed very well . It was never delivered to other countries for Lend @-@ Lease or the Military Aid Program . It also served in the Korean War , for the same purpose as it was used in World War II . It was used in the defense against the North Korean forces in the Pusan Perimeter fighting and later fighting in Korea . The 40 mm guns were especially

effective against Chinese mass infantry charges in North Korea .

When it was decided to phase out the M24 Chaffee and other vehicles on the same chassis , the M19 turrets were re @-@ mounted on a M41 Light Tank chassis to produce the M42 Duster .

= = Comparable vehicles = =

Möbelwagen

Ostwind

40M Nimród

Crusader Mk . III Anti @-@ Aircraft Tank Mk . I

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