

# M29C WEASEL



The M29C Weasel was a small, highly maneuverable tracked vehicle developed by the U.S. Army during the early years of the WWII. First produced in 1943, it was designed primarily for reconnaissance and transportation in harsh, snowy, or swampy environments where larger vehicles would struggle to operate. Powered by a gasoline engine, the M29C could carry up to 1,000 pounds of equipment or personnel and was often used in Arctic regions or other challenging terrains. Its unique, low ground pressure design and wide tracks allowed it

to traverse deep snow or soft, wet ground, making it invaluable during operations in the icy landscapes of places like Alaska and Scandinavia.

The M29C was a variant of the original M29 Weasel, with modifications to improve its durability and versatility. It was equipped with a fully enclosed cabin, offering protection from the elements for its two crew members. In addition to its primary role in transport, the M29C was also used for reconnaissance, communications, and supply duties. Its compact size and agility allowed it to navigate

tight spaces, whether on mountain trails or through dense forest. While the M29C Weasel was eventually phased out of active service by the late 1950s in favor of more advanced vehicles, it remains an important part of WWII military history due to its contributions to operations in extreme environments.

Our Weasel, a 1944 model, is marked as 41st Infantry Division, 2nd Armor Division. It is equipped to carry a litter for a wounded soldier and has seating for four.

## TYPICAL CHARACTERISTICS

### General Data

Manufacturer..... Studebaker  
 Produced..... 1943–1945  
 Number Built..... Over 15,000 (all Weasel variants)  
 Engine Model..... Studebaker Model 6-170 Champion  
 Engine Type..... Inline-6, gasoline  
 Displacement..... 2.8 L (170 cubic inches)  
 Compression Ratio..... 6.5:1  
 Power Output..... 70 hp (52 kW) @ 3,600 rpm  
 Torque..... Approx. 140 lb-ft (190 Nm)  
 Cooling System..... Liquid-cooled, front-mounted radiator  
 Fuel System..... Carbureted  
 Wheelbase:..... 2.02 m (79.5 inches)  
 Length..... 3.81 m (150 inches)

Width..... 1.52 m (60 inches)  
 Height..... 1.57 m (61.75 inches)  
 Ground Clearance..... 0.28 m (11 inches)  
 Weight (Empty)..... 1,940 kg (4,275 lbs)  
 Weight (Loaded)..... Approx. 2,500 kg (5,500 lbs)  
 Payload Capacity..... 540 kg (1,200 lbs)  
 Crew..... 2–4  
 Transmission:..... 3-spd. man. w/2-spd. transfer case  
 Drive System..... Tracks (full-time)  
 Track Type..... Rubber reinforced with steel cables  
 Suspension..... Torsion bar with bogie wheels  
 Brakes..... Drum brakes  
 Steering..... Controlled by differential braking

Top Speed (Land)..... ~58 km/h (36 mph)  
 Top Speed (Water)..... ~6.4 km/h (4 mph)  
 Operational Range..... ~250 km (155 miles)  
 Fuel Capacity..... 114 L (30 gallons)  
 Buoyancy..... Provided by flotation tanks on front & rear  
 Water Propulsion..... Tracks provided propulsion  
 Additional Features..... Bilge pumps for water drainage

### Possible Weapons:

30 cal M1919 Browning machine gun  
 .50 cal M2 Browning machine gun  
 M20 75mm recoilless rifle (in later modifications)

