



Canon 40 Bofors

Guns and armament

In 1931, Swedish company Bofors developed an excellent 40 mm automatic anti-aircraft gun with a highly-innovative operating mechanism.

By 1939, 18 countries were using it, including France with 42 in service.

In 1943, The United States supplied the American version of the gun to the French army, in particular the 21^{ème} Groupe d'Artillerie de DCA (21st AA artillery group) and the 37^{ème} Groupe Autonome de FTA (37th autonomous ground AA forces group).

The American and British allies used the 40 mm gun with 60-calibre barrel (40 mm L/60). Its muzzle velocity was 850 m/s for an 890-gram shell with 68 grams of explosive.

The original model was towed (carriage plus mount around 2,500 kg) and was operated by two layers using grids for firing correction. In 1936, the British Admiralty fitted the gun with an M1 hydraulic drive giving angular laying speeds of about 20 degrees per second, as well as remote control by optical post and calculator. In 1942, the USA introduced the faster (about 30 degrees per second) M3 hydraulic remote control for the gun. The gun played a major role in the allied forces, and several hundred were ceded to France at the end of the war.

In addition, mounts with simplified carriages were manufactured very economically in Great Britain for airfield defence. These Mark III mounts, fitted with solid tyres, were limited to towing at 20 km/h instead of 60 km/h.



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Weight: 2.5 t
Length: 5.73 m
Width: 1.83 m
Height: 2.18 m
Field of fire: traverse 360° and elevation -5°/+90°
Muzzle velocity: 850 m/s

Complete round weight (case + shell + charge): 2.1 kg
Ceiling: 3,200 m
Theoretical rate of fire: 120 rounds/min
Setup: 2 to 3 min
Target acquisition: optical
Gun crew: 1 NCO mount captain, 7 crew personnel and 1 pointer

Rental quotation request

Send us the list of vehicles and equipment that you are interested in **on line** giving the dates and quantities for each item.

We will reply to you promptly



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