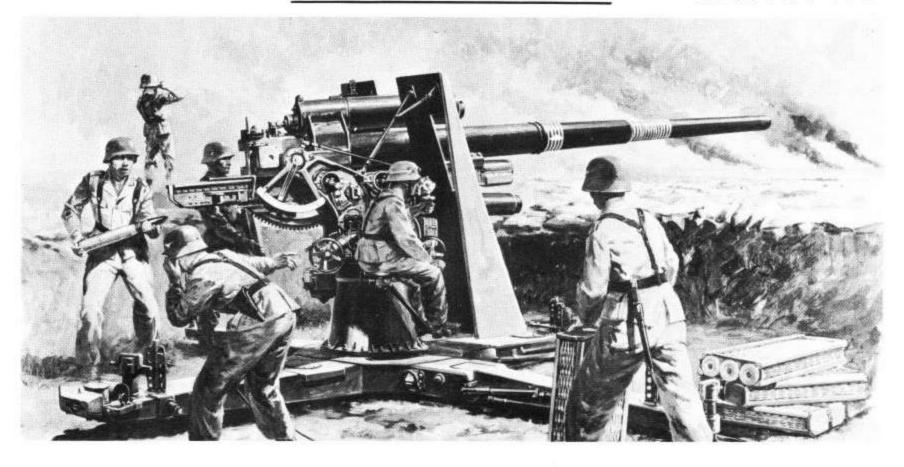


## 1827 BATTLEFIELD DIORAMA KITS

SERIES NO.2 GERMAN 88mm ANTI-AIRCRAFT ANTI-TANK GUN WITH SANDBAG BUNKER AND CREW

## INSTRUCTIONS

ITEM NO. 0861



## HISTORICAL BACKGROUND

In 1916, the first 88 mm Kw Flak appeared. Two models were produced, one by Krupps of Essen and the other by Rheinmetall-Borsig. These guns were mounted on a four wheeled trailer and towed by a truck. With the treaty of Versailles, Krupp was forbidden to produce small calibre guns. However, in 1921 they arranged for their designers to work with Borfors in Sweden and in return Borfors were given foreign concessions on the Krupp guns. As a result of this forward looking policy, in 1928 Krupp was able to produce designs for a high velocity 88 milimeter gun with a semi-automatic breech which ejected the cartridge case and recocked the striker spring after firing each round.

The "88 mm FLAK 18" entered production in 1933 and was used to good effect during the Spanish Civil War. Following this battle experience much modification was carried out which resulted in the model "88 mm FLAK 36" appearing in 1937 having a new barrel with interchangeable rifling tube. A new trailer also appeared with simplified methods of raising and lowering the gun carriage for action. This was known as the "Sonderanhaenger 201". In 1937, the FLAK 18 was improved and modified so that

it. like the FLAK 36, could be fired at ground targets without having to lower the gun from the trailer. From 1940 numerous guns were equipped with large shields to protect the crew while engaging ground targets. Later models were mounted on the improved "Sonderanhaenger 202" with double wheels at both front and rear. Finally the FLAK 37 appeared, the difference being a new gun laying system used only for anti-aircraft purposes. By the end of 1944, there were over 10,000 of these guns in service.

Technical Details for 88 m/m FLAK 18

Weight in action:

Range horizontal:

14,680 meters (16,200 yards) 10,600 meters (11,554 yards)

Vertical: Traverse:

360 degrees

Elevation: Caliber:

plus 85, minus 3 degrees

Rate of Fire:

88 mm 15/20 rounds per minute

Muzzle Velocity:

RE, 820 meters/sec, (2,690 feet/sec.)

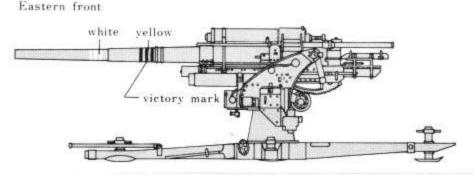
Weight of project:

HE, 9 kg (20 1bs) AP. 9.5 kg (21 1bs)

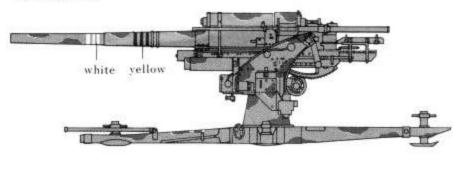
PAINTING REFERENCE:

Note: It is much easier to paint parts while they are still on

the runners or "trees".



African front



field-grey





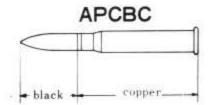
red-brown

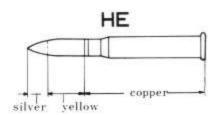
REFERENCE PAINTING FOR "88 mm FLAK 18"

dark-yellow

Basic color tone is field-grey (dark-grey) or darkyellow (sand). On these basic tones, dark-green or redbrown were sprayed properly for camouflage. The victory mark on the cannon barrel was painted by white or yellow line.

Painting for Cannon ball: you can choose whichever you like





PARTS DRAWING

