

United Nations, Chinese, and North Korean Infantry Weapons, and Armor and Artillery

United Nations Infantry Weapons

M1 Rifle (The Garand)



Springfield M1 Garand Cal. .30-06 Rifle

Operation: semiautomatic, gas operated

Caliber: .30 (.30-06)

Feeding Mechanism & Capacity: Eight-round internal magazine fed by an eight round clip which is ejected after the last round has been fired.

Weight: 9.5 pounds

Overall Length: 43.6 inches

Muzzle Velocity: 2800 feet per second

Effective Range: 440 yards

M1 Carbine



M1 Cal. .30 Carbine



M1A1 Cal. .30 Carbine with folding metal stock

Operation: Semiautomatic/Selective Fire, gas operated (750-775 rounds per minute)

Caliber: .30

Feeding Mechanism & Capacity: 15-round and 30-round detachable box magazines

Weight: 5 pounds, 2 ounces

Overall Length: 35.6 inches

Muzzle Velocity: 1970 feet per second

Effective Range: 300 yards

M1A1 Thompson Submachine Gun



Operation: Selective Fire/Full Automatic and Semiautomatic (700-800 rounds per minute)

Caliber: .45

Feeding Mechanism & Capacity: 50-round detachable drum, 20 and 30-round detachable

box magazines

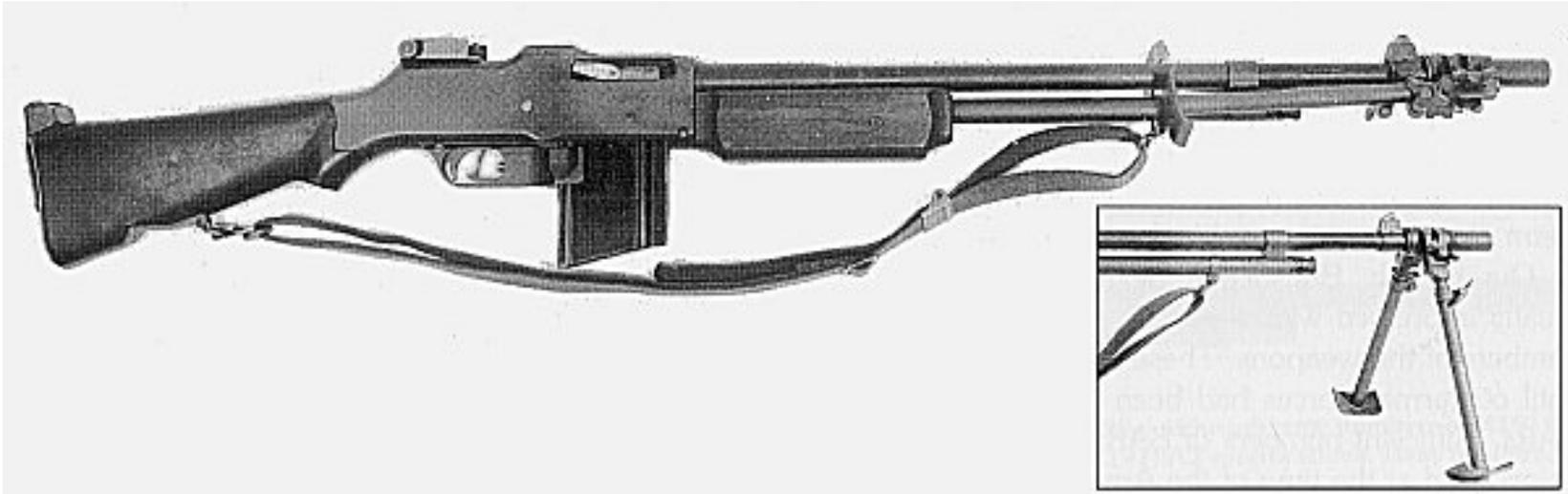
Weight: 10 pounds, 7 ounces

Overall Length: 31.8 inches

Muzzle Velocity: 920 feet per second

Effective Range: 50 meters

M1918A1 Browning Automatic Rifle (BAR)



Operation: Selective Fire/semiautomatic and fully automatic (550 rounds per minute), gas operated

Caliber: .30 (.30-06)

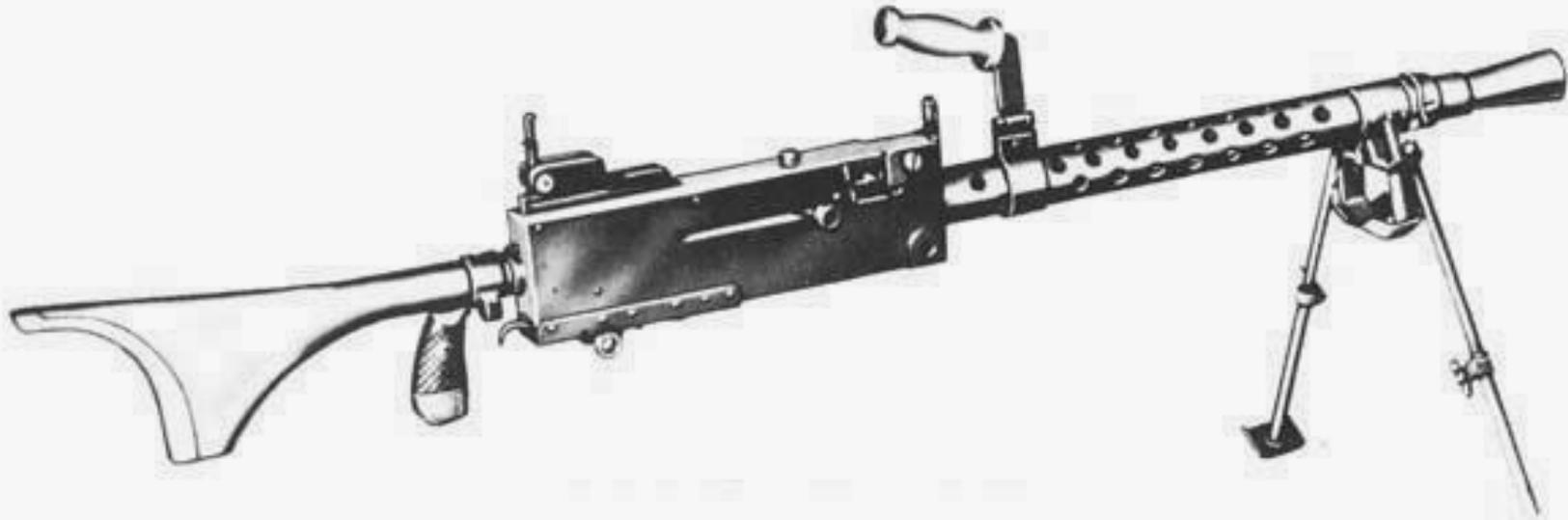
Feeding Mechanism & Capacity: 20-round detachable box magazine

Weight: 18.5 pounds

Overall Length: 47 inches

Effective Range: 600 yards (550 meters)

M1919A6 Machine Gun



Operation: Fully Automatic (400-500 rounds per minute), recoil operated, air cooled

Caliber: .30 (.30-06)

Feeding Mechanism & Capacity: 250-round belt

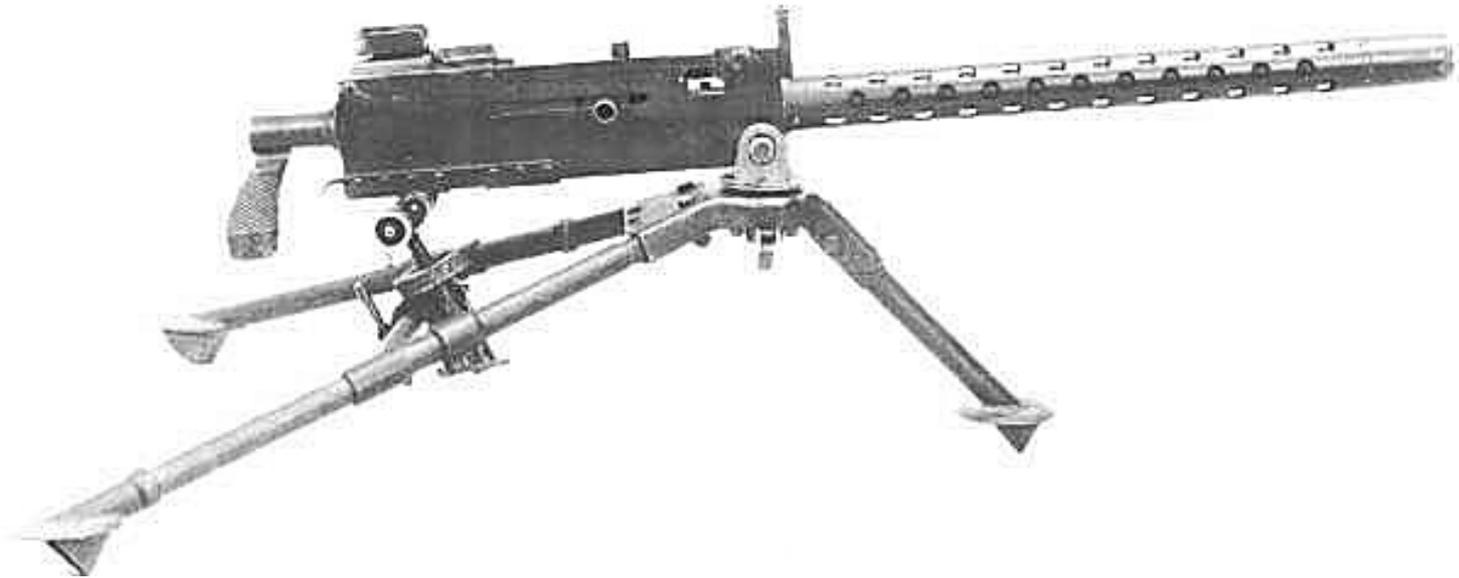
Weight: 32.5 pounds

Overall Length: 53 inches

Muzzle Velocity: 2800 feet per second

Effective Range: 800 yards

M1919A4 Machine Gun



Operation: Fully Automatic(400-550 rounds per minute), recoil operated, air cooled

Caliber: .30 (.30-06)

Feeding Mechanism & Capacity: 250-round belt

Weight: 45 pounds

Overall Length: 41 inches

Muzzle Velocity: 2800 feet per second

Effective Range: 1100 yards (1000 meters)

M2 Heavy Barrel Machine Gun



Operation: Selective Fire/Semiautomatic or Fully Automatic at the rate of 450-550 rounds per minute, recoil operated, air cooled

Caliber: .50

Feeding Mechanism & Capacity: 110-round metallic link belt

Weight: 128 pounds (with tripod)

Overall Length: 65.1 inches

Muzzle Velocity: 2930 feet per second

Effective Range: 2500 yards (2287 meters)

M2-2 Flame Thrower



Weight (loaded): 70 pounds
Effective Range: 50-60 yards
Fuel Capacity: 4 gallons
Ignition: Pyrotechnic cartridge

Chinese and North Korean Infantry Weapons

*Note: At the end of World War II, the Chinese and North Korean Communists received large numbers of Japanese weapons from the Soviets. The Chinese Communists also captured large numbers of weapons from the Chinese Nationalists, including US weapons. Until the second year of the war the Communists used a wide assortment of weapons, greatly complicating their logistics. It was not until the second year of the war that they received substantial quantities of Soviet arms. It should also be noted that while almost every enemy soldier carried several grenades; but at this time an enemy regiment of 3,000 men typically only had 1,000 - 1,400 rifles of all types.

Japanese Model 99 Rifle



Operation: Turn bolt, manually operated

Caliber: 7.7mm

Feeding Mechanism & Capacity: 5-round staggered row internal box magazine

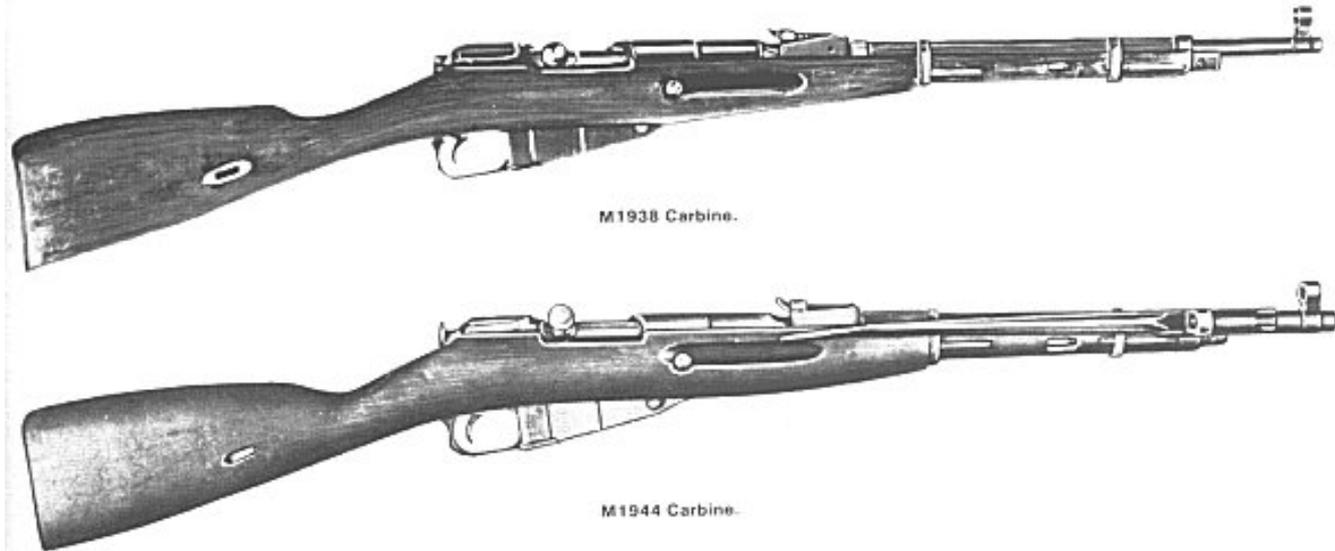
Weight: 9 pounds, 2 ounces

Overall Length: 45 inches

Effective Range: 450 yards

Rate of Fire: 8-10 rpm

M1944 Carbine



Operation: Turn bolt, manually operated

Caliber: 7.62mm

Feeding Mechanism & Capacity: 5-round magazine (internal box)

Weight: 8.9 pounds

Overall Length: 40 inches

Muzzle Velocity: 2850 feet per second

Effective Range: 440 yards

Rate of Fire: 8-10 rpm

Japanese Type 96 Light Machine Gun



Operation: Gas operated

Feeding Mechanism & Capacity: 30-round detachable magazine

Caliber: 6.5mm

Weight: 20 pounds

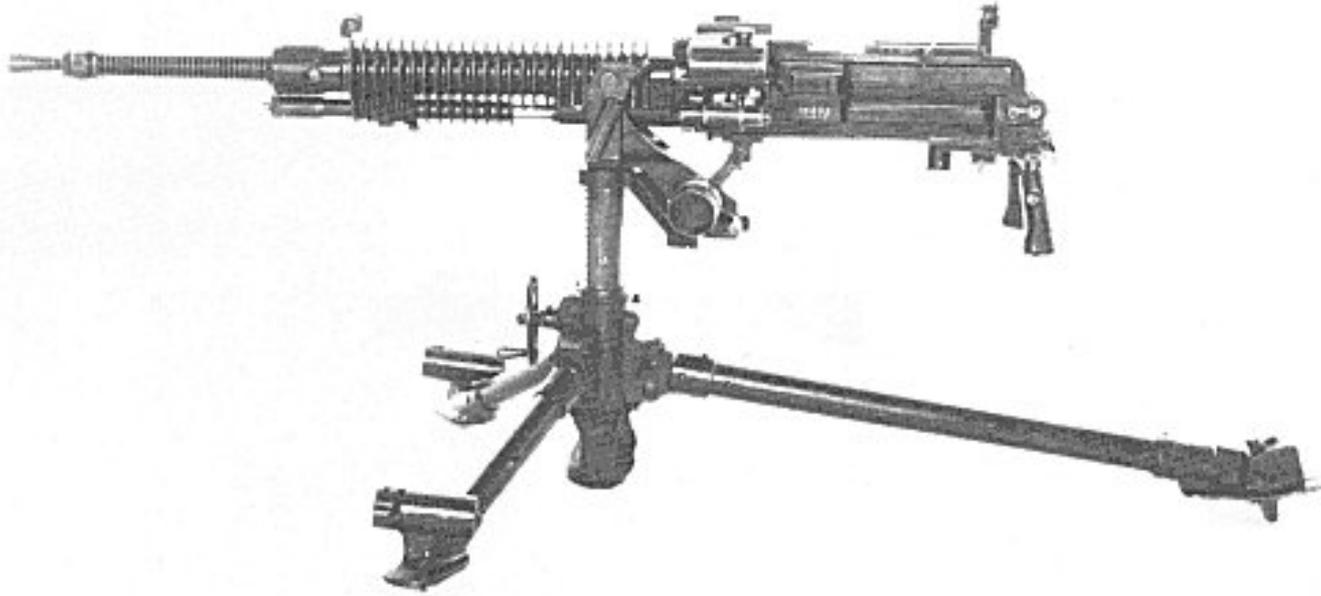
Overall Length: 41.5 inches

Muzzle Velocity: 2,400 feet per second

Rate of Fire: 550 rounds per minute

Effective Range: 600 yards

Japanese Type 92 Heavy Machine Gun



Operation: Gas operated

Feeding Mechanism & Capacity: 30-round magazine

Caliber: 7.7mm

Weight: 122 pounds

Overall Length: 45.5 inches

Muzzle Velocity: 2,400 feet per second

Rate of Fire: 450 rounds per minute

Effective Range: 1,000 meters

PPSh-41 Machine Gun



Operation: Blow-back action, selective fire (semi or fully automatic)

Caliber: 7.62mm

Feeding Mechanism & Capacity: 35-round detachable box magazine or 71-round drum

Weight: 8 pounds

Overall Length: 33 inches

Muzzle Velocity: 1500 feet per second

Effective Range: 110-330 yards

Rate of Fire: 50-150 rpm

RP46 Ruchnoy Pulemyot Light Machine Gun



Operation: Automatic fire only

Feeding Mechanism & Capacity: 50-round belt or 47-round detachable pan

Caliber: 7.62mm

Weight: 28 pounds, 12 ounces

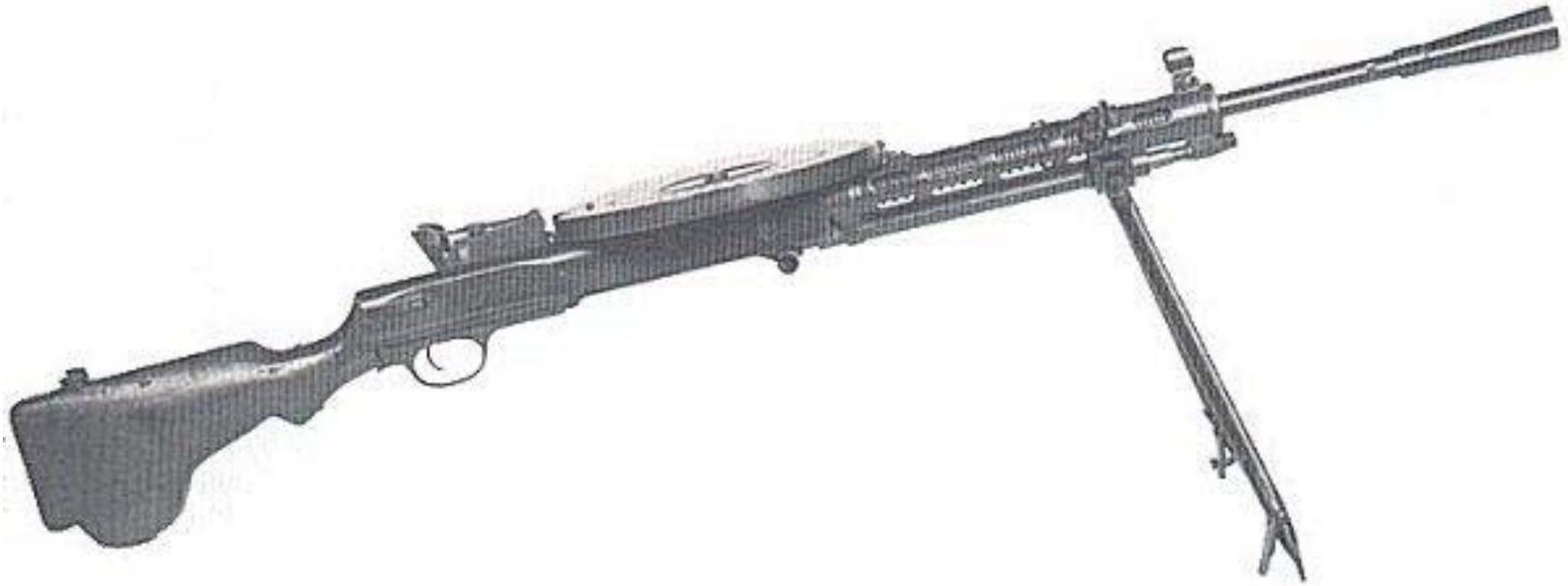
Overall Length: 50.8 inches

Muzzle Velocity: 2,755 feet per second

Rate of Fire: 650 rounds per minute

Effective Range: 1,000 meters

DP Ruchnoy Pulemyot Light Machine Gun



Operation: Automatic fire only

Feeding Mechanism & Capacity: 47-round detachable pan

Caliber: 7.62mm

Weight: 20 pounds, 8 ounces

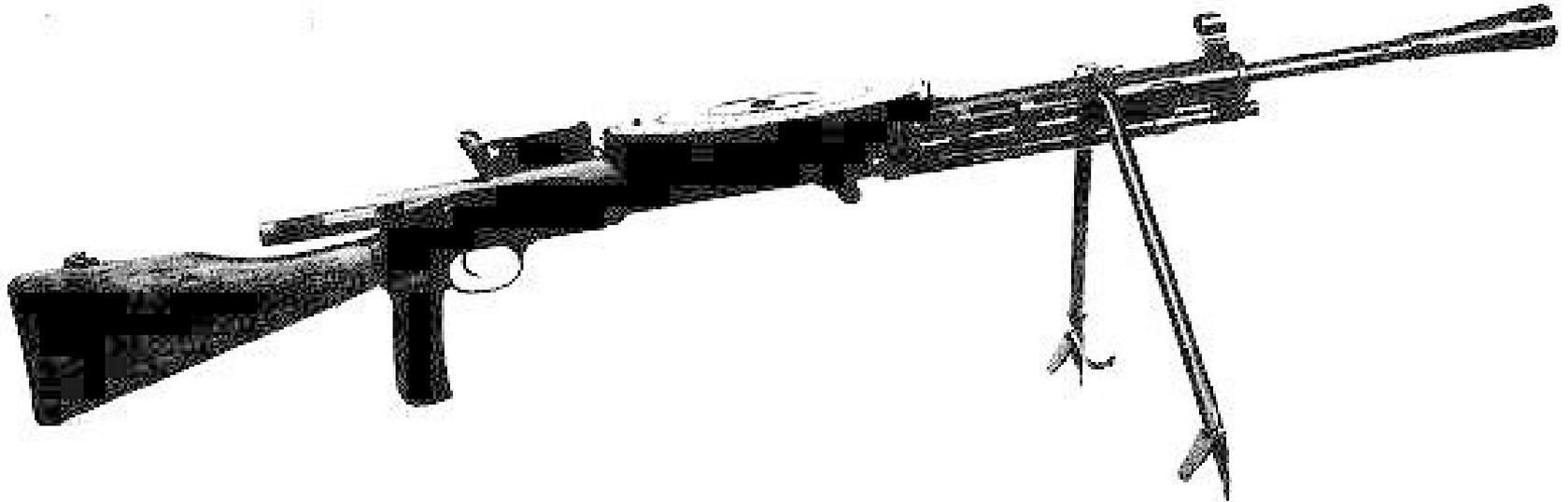
Overall Length: 50.8 inches

Muzzle Velocity: 2,760 feet per second

Rate of Fire: 500-500 rounds per minute

Effective Range: 1,000 meters

DPM Ruchnoy Pulemyot Light Machine Gun



Operation: Automatic fire only

Feeding Mechanism & Capacity: 47-round detachable pan

Caliber: 7.62mm

Weight: 26 pounds, 13 ounces

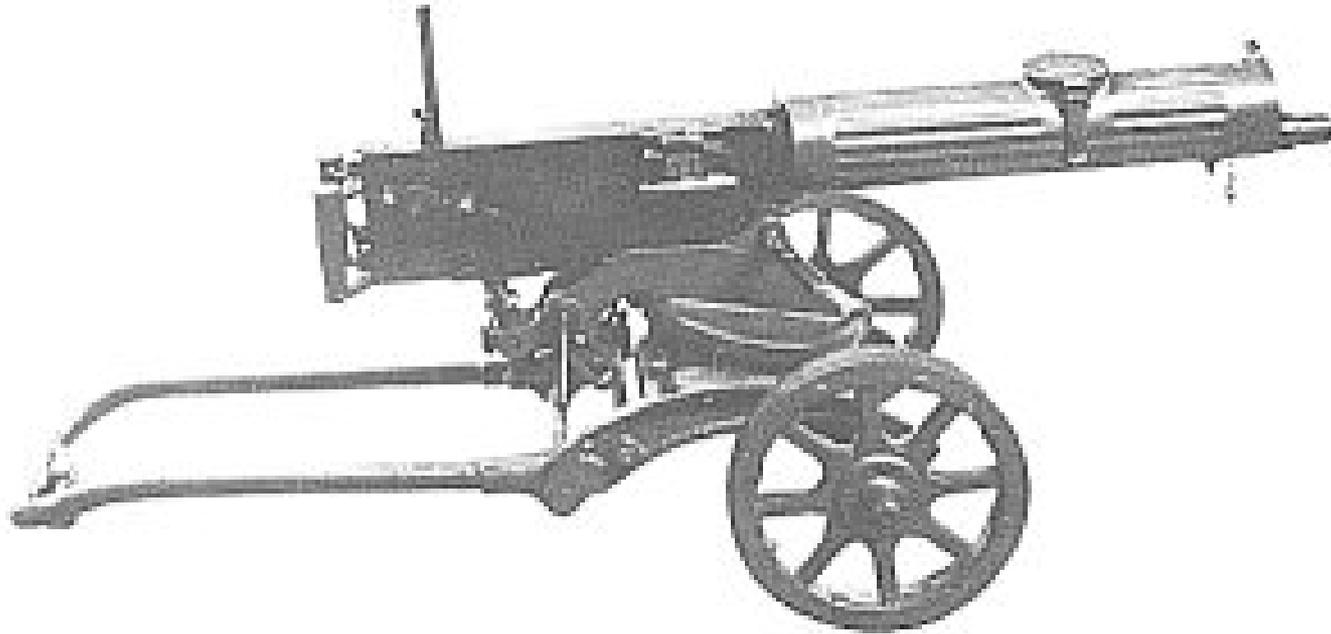
Overall Length: 49.8 inches

Muzzle Velocity: 2,770 feet per second

Rate of Fire: 520-580 rounds per minute

Effective Range: 1,000 meters

Model 1910 Sokolov Pulemyot Heavy Machine Gun



Operation: Recoil operated, water-cooled

Feeding Mechanism & Capacity: 250-round fabric belt

Caliber: 7.62mm

Weight: 52.8 pounds

Overall Length: 43.6 inches

Muzzle Velocity: 2,830 feet per second

Rate of Fire: 520-580 rounds per minute

United Nations Artillery, Armor, and Mortars

M2 105mm Howitzer



Weight: 1,080 pounds
Length: 19 feet, 8 inches
Range: 12,330 yards (maximum)

M1A1 155mm Howitzer



Weight: 3,750 pounds
Length: 24 feet
Range: 16,355 yards (maximum)

M16 Multiple Gun Motor Carriage



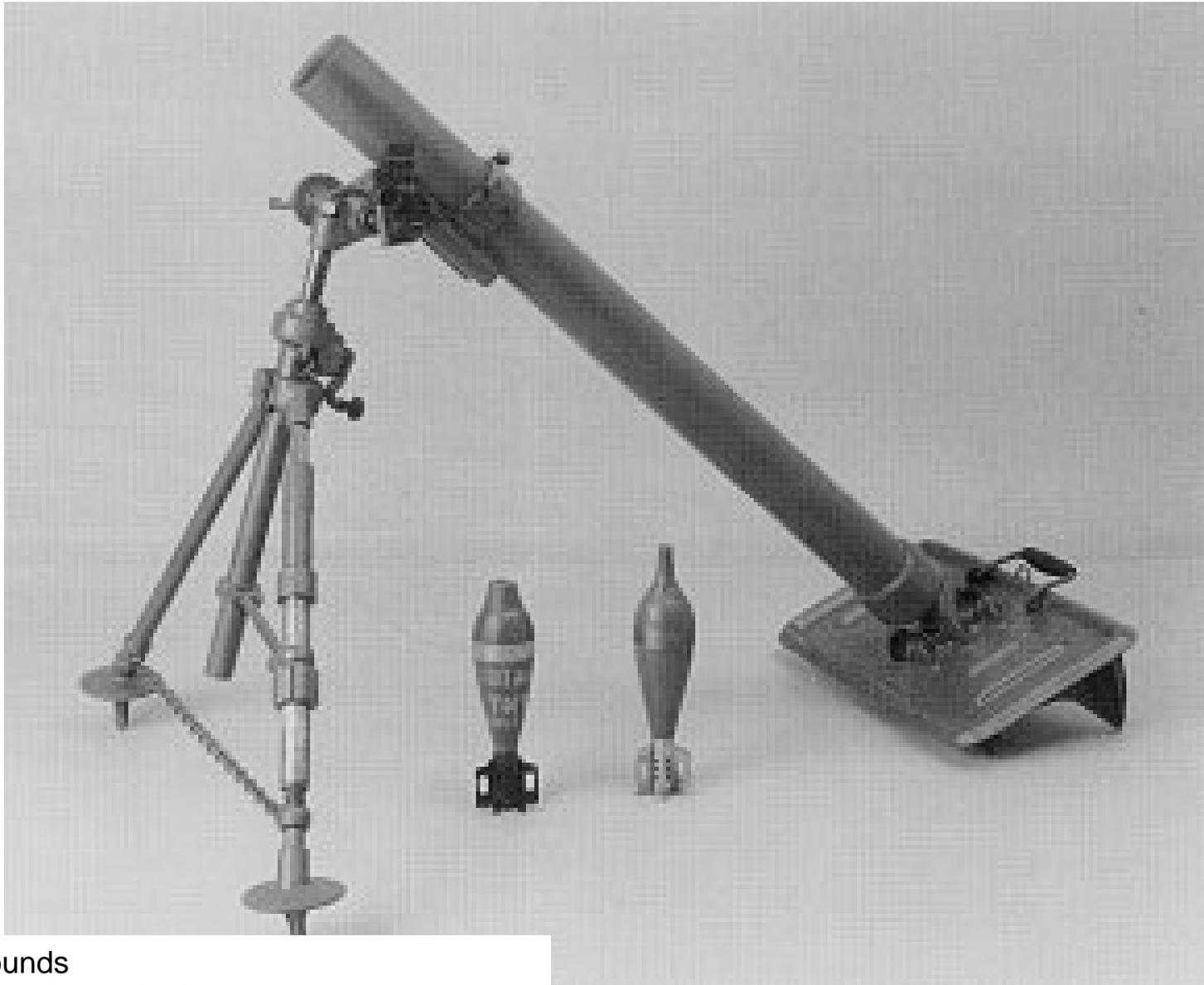
Combat Weight:	20,000 pounds
Length:	21.3 feet
Width:	6.5 feet
Height:	8.2 feet
Road Speed:	45 mph
Cross Country:	20 mph
Armament:	4 - .50 caliber machine guns
Crew:	5 men

M19 Multiple Gun Motor Carriage



Combat Weight:	19.25 tons
Maximum Speed:	35 mph
Range:	160 miles
Armament:	2 – 40mm automatic cannons
Crew:	6 men

81mm M1 Mortar



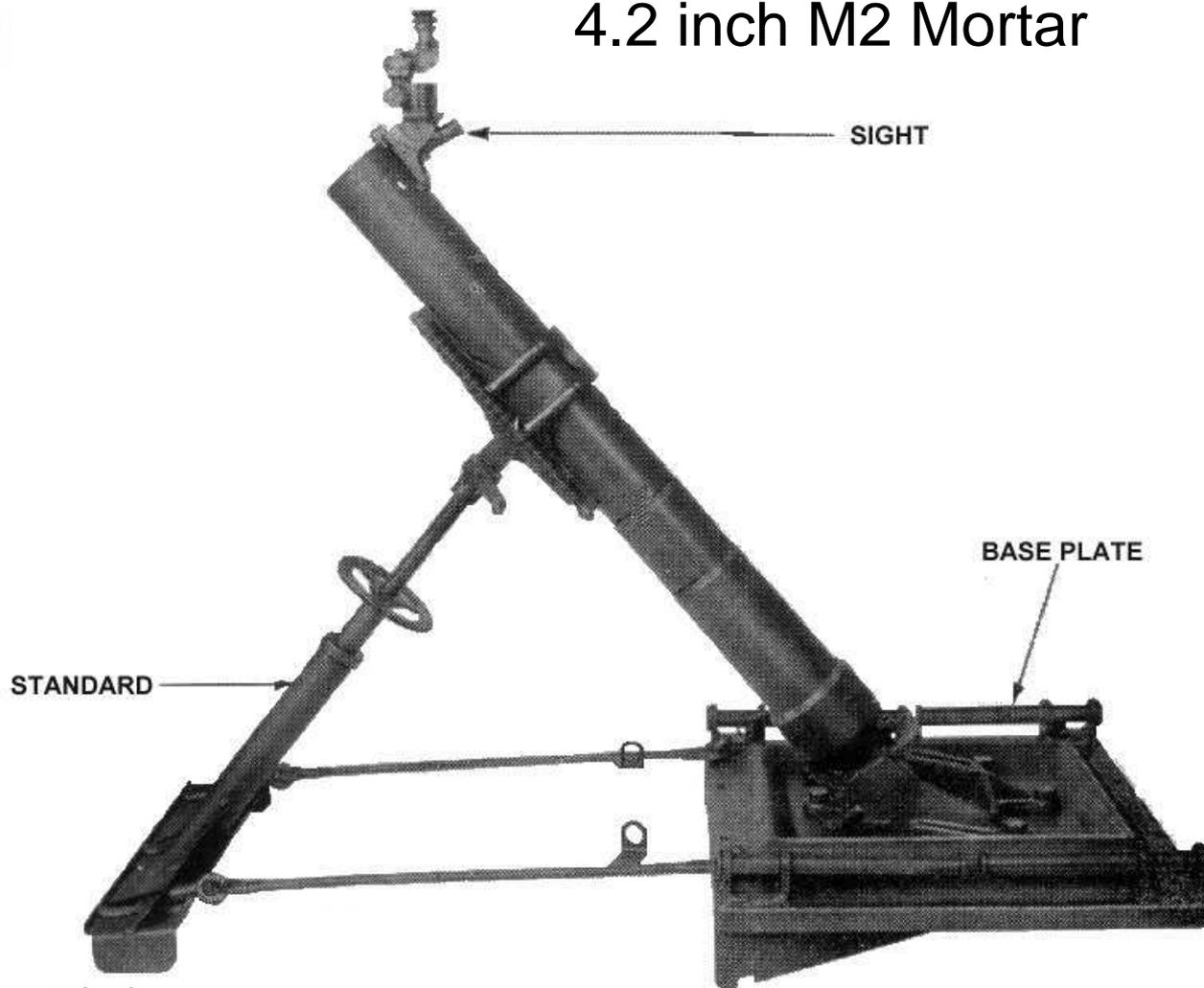
Weight: 136 pounds

Overall Length: 3 feet, 9 inches

Rate of Fire: 18 rounds per minute (normal)
30-35 rpm (maximum)

Range: 3290 yards - maximum

4.2 inch M2 Mortar



Weight: 333 pounds

Overall Length: 4 feet, 7 inches

Rate of Fire: 1st 2 minutes – 40 rounds

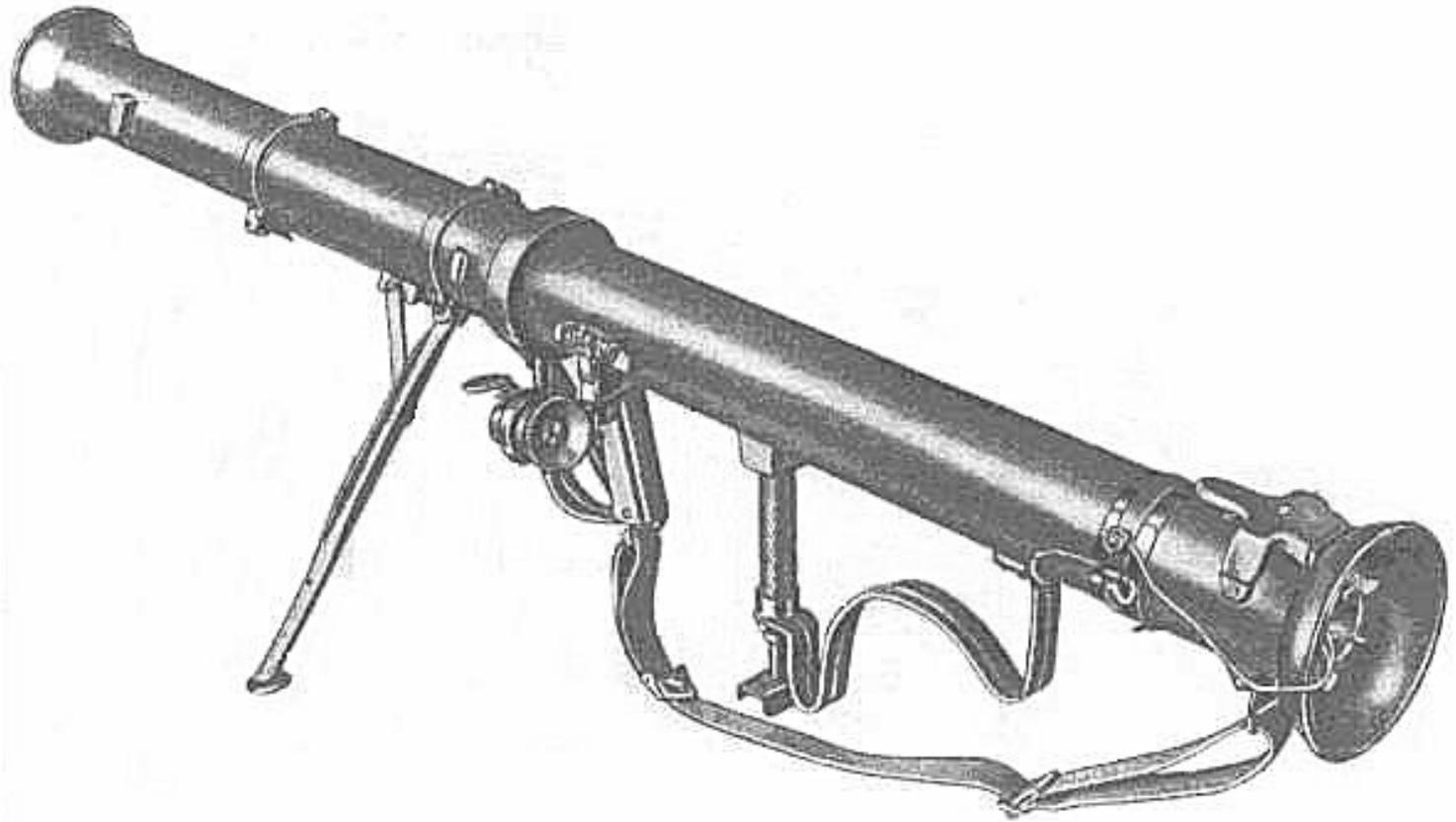
1st 20 minutes – 100 rounds

Prolonged fire – 60 rph

Range: Minimum – 565 yard

Maximum – 4400 yards

M20 3.5 inch Rocket Launcher



Weight: 15 pounds

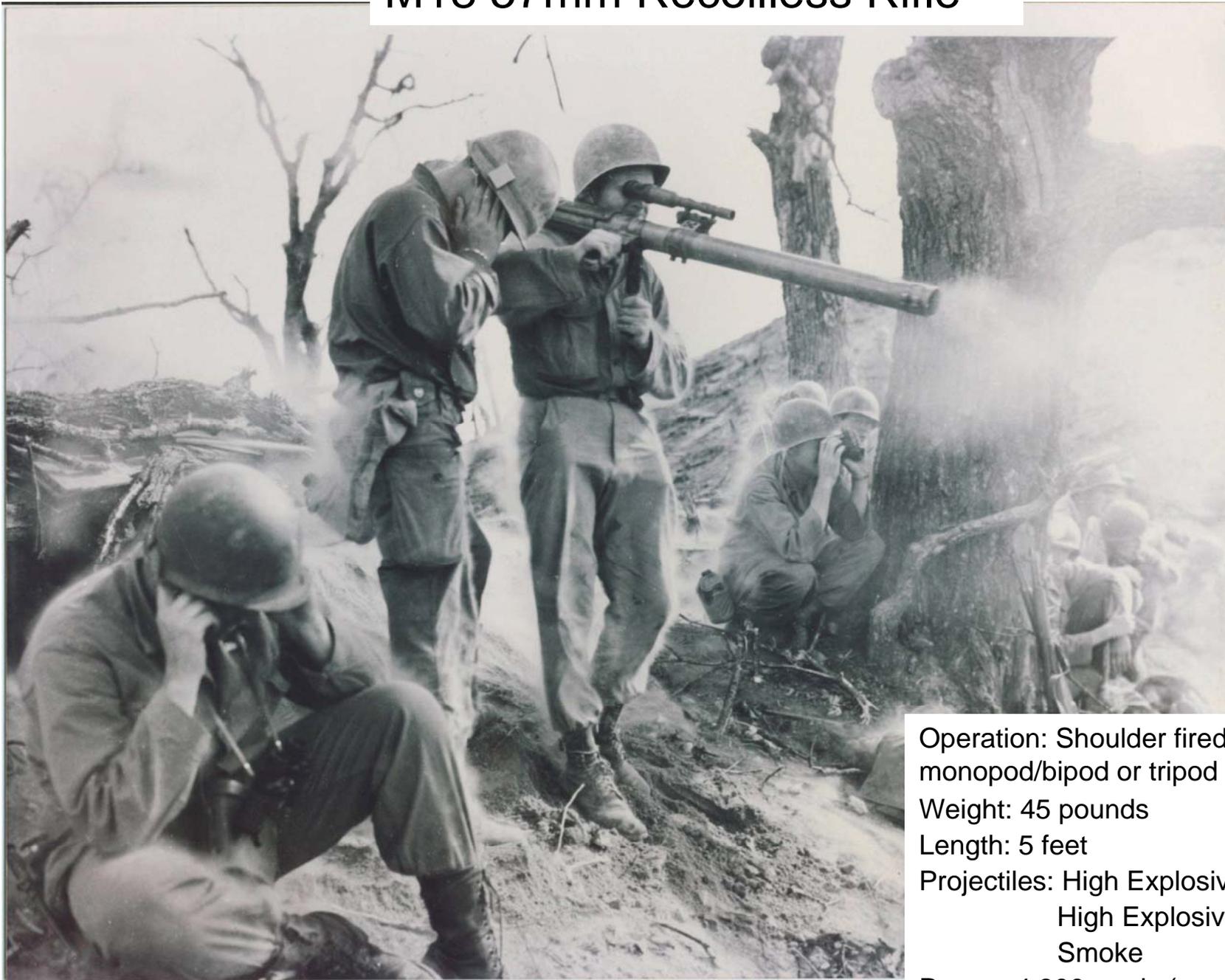
Length: 60.25 inches

Muzzle Velocity: 340 feet per second

Range: 960 yards (maximum range)

150 yard (maximum effective range)

M18 57mm Recoilless Rifle



Operation: Shoulder fired, attached
monopod/bipod or tripod

Weight: 45 pounds

Length: 5 feet

Projectiles: High Explosive

High Explosive Anti-Tank
Smoke

Range: 4,300 yards (maximum)

M20 75mm Recoilless Rifle



Operation: Mounted on M1917A1
.30 caliber machine gun tripod
Weight: 114.5 pounds
Length: 6 feet, 10 inches
Projectiles: High Explosive
 High Explosive Anti-tank
 Smoke
Range: 7,000 yards (maximum)

M46 Patton



Classification: Medium
Weight: 46 tons
Armament: 90mm main gun, 3
machine guns
Speed: 30 mph
Range: 80 miles
Crew: 5 men

M4A3E8 Sherman Medium Tank



Classification: Medium
Weight: 34.8 tons
Armament: 76mm main gun,
3 machine guns
Speed: 26 mph
Range: 100 miles
Crew: 5 men

M4A3E8 Sherman Medium Tank



Classification: Medium

Weight: 33.7 tons

Armament: 76mm main gun, .50 caliber machine gun, .30 caliber machine gun

Speed: 26 miles per hour

Range: 100 miles

Crew: 5 men

Chinese and North Korean Armor and Mortars

76mm Self-Propelled Gun, SU-76



Weight: 12 tons
Length: 16.4 feet
Width: 9 feet
Height: 7.22 feet
Road Speed: 25 mph
Cross Country: 15 mph
Main Gun: 76mm ZIS-3Sh
Range: 12,400 yards
Crew: 4 men

T-34/85 Main Battle Tank



Classification: Medium

Weight: 26.5 tons

Length: 6.68 meters

Width: 3 meters

Height: 2.45 meters

Armament: 85mm main gun, 7.62mm DTM bow mg,
7.62mm DTM coaxial mg

Road Speed: 55 kph

Crew: 5 men

82mm Mortar (Model M1937) KPA/CPVA

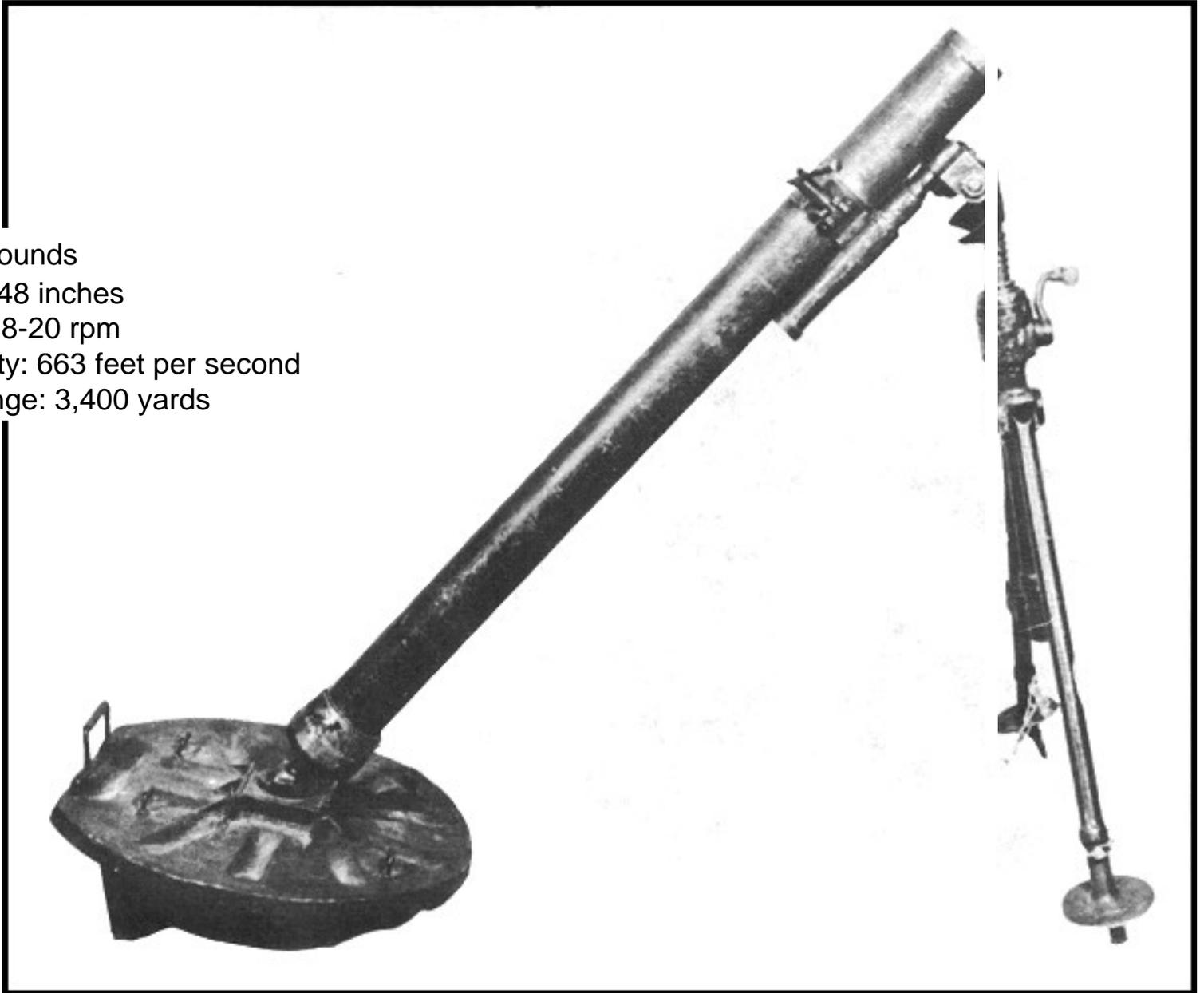
Weight: 134 pounds

Tube Length: 48 inches

Rate of Fire: 18-20 rpm

Muzzle Velocity: 663 feet per second

Maximum Range: 3,400 yards



120mm Mortar (Model 33) NKPA/CPVA



Weight: 468 pounds

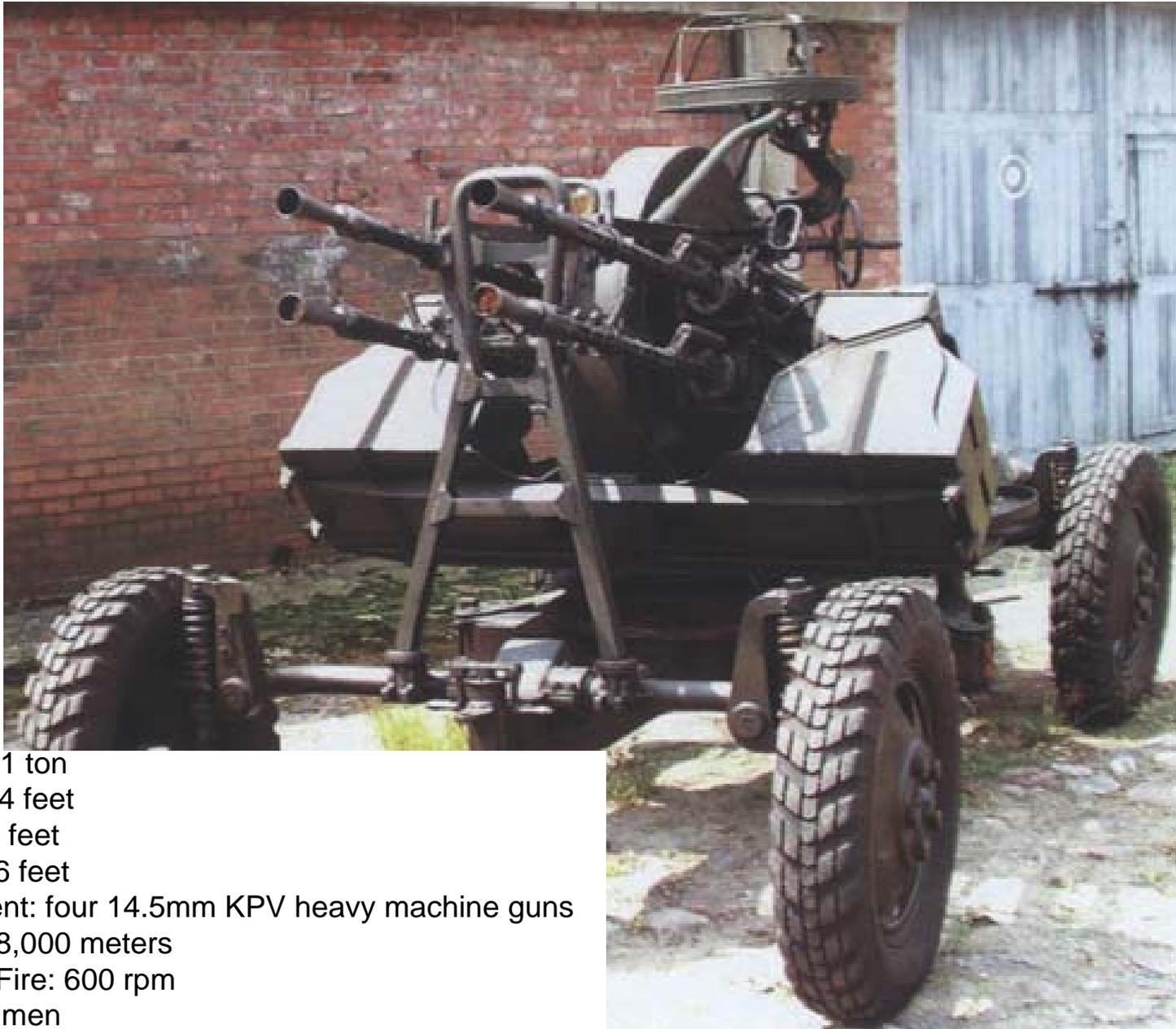
Tube Length: 3 feet

Rate of Fire: 3-5 rpm

Maximum Range: 5,500 yards

Note: The CPVA and the NKPA were light infantry units without transport, which guaranteed that operations would proceed no faster than a soldier could march. Until September 1951, the CPVA relied almost solely on mortars for indirect fire support and Chinese gunners were very proficient. The 120mm mortar was the heaviest mortar used and had approximately the same characteristics as the US 4.2 inch mortar.

Vladimirov KPV ZPU-4 Towed Anti-Aircraft Gun



Weight: 1 ton

Length: 4 feet

Width: 5 feet

Height: 6 feet

Armament: four 14.5mm KPV heavy machine guns

Range: 8,000 meters

Rate of Fire: 600 rpm

Crew: 5 men