Machine guns/1

M60

Machine gun
Can be used both offensive and defensive
Usually operated by more than one soldier
When tested in the field, the M60 was fairly effective

Country	USA
Date	1900
Length (mm)	10
Weight (kg)	10
Speed (m/s)	85
Cannon caliber (mm)	7,62

Machine guns/2

M2

Heavy machine gun
Nicknamed Ma Deuce by troops
Designed by John Browning

Country	USA
Date	1932
Length (mm)	1650
Weight (kg)	38
Speed (m/s)	930
Cannon caliber (mm)	12,7

Machine guns/3

Blyskawica

Submachine gun
Probably the only weapon designed and mass produced covertly in occupied Europe

Country	Poland
Date	1943
Length (mm)	730
Weight (kg)	3,22
Speed (m/s)	400
Cannon caliber (mm)	9

Machine guns/4

MP5

Submachine gun
The MP5s accuracy, reliability, and wide range of accessories and variants have made it the submachine gun of choice for law enforcement agencies worldwide.

Country	Germany
Date	1966
Length (mm)	680
Weight (kg)	2,54
Speed (m/s)	270
Cannon caliber (mm)	9

Machine guns/5

Sten Mark II

Service sub-machine gun
The name STEN is an acronym, deriving from the names of the weapons chief designers
Over 4 million Stens would be made in the 1940s

Country	UK
Date	1941
Length (mm)	760
Weight (kg)	3,18
Speed (m/s)	365
Cannon caliber (mm)	9

Machine guns/6

AA-52

Vehicle-mounted machine gun
One of the first French produced guns of the post World War II era

Country	France
Date	1960
Length (mm)	1080
Weight (kg)	9,75
Speed (m/s)	830
Cannon caliber (mm)	7,5

Machine guns/7

PM63-Rak

Sub-machine gun
War service : Sino-Vietnamese war

Country	PL
Date	1964
Length (mm)	333
Weight (kg)	1,6
Speed (m/s)	320
Cannon caliber (mm)	9

Guns/1

Desert Eagle

Semi-automatic, gas-operated pistol
The advantage of the gas-operation is that it allows the use of far more powerful cartridges than traditional semi-automatic pistol designs

Country	Israel
Date	1985
Length (mm)	260
Weight (kg)	1,36
Speed (m/s)	573
Cannon caliber (mm)	9

Guns/2

Mateba

Automatic Revolver
Togusa in the various incarnations of Ghost in the Shell carries two different Matebas

Country	Italy
Date	1997
Length (mm)	275
Weight (kg)	1,35
Speed (m/s)	570
Cannon caliber (mm)	9

Guns/3

HK Mark 23

Semi-Automatic pistol
Uses an ambidextrous safety and magazine release
Its large size and weight have resulted in some criticism

Country	Germany
Date	1991
Length (mm)	421
Weight (kg)	1,21
Speed (m/s)	715
Cannon caliber (mm)	11,4

Guns/4

Nagant

Revolver
one of the longest serving sidearms in modern history

Country	USSR
Date	1895
Length (mm)	235
Weight (kg)	0,800
Speed (m/s)	272
Cannon caliber (mm)	7,62

Guns/5

S&W Model 686

Double action revolver
The 600 series Smith & Wesson revolvers are true workhorses for both duty and sporting use

Country	USA
Date	1984
Length (mm)	305
Weight (kg)	1,25
Speed (m/s)	232
Cannon caliber (mm)	9

Guns/6

Taurus Raging Bull

Potent weapon with plenty of stopping power
Marketed as a hunters sidearm

Country	Brasil
Date	???
Length (mm)	419
Weight (kg)	2,2
Speed (m/s)	610
Cannon caliber (mm)	9

Guns/7

GLOCK 18

Handgun

Country	Austria
Date	1986
Length (mm)	186
Weight (kg)	709
Speed (m/s)	320
Cannon caliber (mm)	9

Tanks/1

Wiesel 1-MK25

Lightly-armoured weapons carrier
Air dropping the vehicle from a plane
with parachutes was tested, but was not successful.

Country	Germany
Date	1990
Length (mm)	2550
Weight (kg)	2750
Speed (m/s)	19
Cannon caliber (mm)	25

Tanks/2

Centauro

Wheeled tank-destroyer

Country	Italy
Date	1991
Length (mm)	7850
Weight (kg)	24000
Speed (m/s)	31
Cannon caliber (mm)	105

Tanks/3

FV101 Scorpion

Combat vehicle reconnaissance
With a footprint lighter than that of a man, it was one of the few vehicles capable of operating in the extreme conditions of the Falklands land

Country	UK
Date	1973
Length (mm)	4900
Weight (kg)	8070
Speed (m/s)	22
Cannon caliber (mm)	76

Tanks/4

New Zealand LAV III

Light armoured vehicle
Standard equipment : laser-warning receivers, central tyre-inflation system, fire-suppression nuclear, biological and chemical defensive ettc...

Country	Canada
Date	1997
Length (mm)	6940
Weight (kg)	16329
Speed (m/s)	28
Cannon caliber (mm)	25

Tanks/5

M109 - Howitzer

Self propellered, indirect-fire support weapon
M109 saw its combat debut in Vietnam

Country	USA
Date	1963
Length (mm)	9100
Weight (kg)	27400
Speed (m/s)	16
Cannon caliber (mm)	155

Tanks/6

ADATS

Dual-purpose missile system
The ADATS pulse doppler X-band dual-beam radar is used for target acquisition

Country	USA
Date	1988
Length (mm)	4860
Weight (kg)	15800
Speed (m/s)	16
Cannon caliber (mm)	125

Tanks/7

Type 59

Main Battle Tank
Copy of the ubiquitous Soviet T-55/54 medium tank

Country	China
Date	1957
Length (mm)	6040
Weight (kg)	37000
Speed (m/s)	14
Cannon caliber (mm)	100

Missiles/1

AGM65-Maverick

Air-to-surface guided missile
Played a large part in the destruction of Iraqs military force during Operation Desert Storm in 1991
Unit cost : up to $160,000

Country	USA
Date	1972
Length (mm)	2055
Weight (kg)	208
Speed (m/s)	-
Cannon caliber (mm)	-

Missiles/3

Storm Shadow

The warhead features an initial penetrating charge to clear soil or enter a bunker then a variable delay fuse to control detonation of the main warhead

Country	UK
Date	2002
Length (mm)	5100
Weight (kg)	1230
Speed (m/s)	278
Cannon caliber (mm)	-

Missiles/4

Shaheen

Intermediate-range ballistic missile
Very accurate by the standards of ballistic missiles and has a CEP of 50 meters

Country	Pakistan
Date	2003
Length (mm)	17500
Weight (kg)	25000
Speed (m/s)	3230
Cannon caliber (mm)	-

Missiles/5

S-300 Grumble

Mobile protection system
Probably the single most deadly threat
that an aircraft would encounter on a modern battlefield

Country	USSR
Date	1978
Length (mm)	7000
Weight (kg)	1450
Speed (m/s)	1700
Cannon caliber (mm)	-

Missiles/6

FGM-148 Javelin

Man-portable anti-tank guided missile
Armour penetration >600 mm

Country	USA
Date	2002
Length (mm)	1200
Weight (kg)	6,4
Speed (m/s)	1111
Cannon caliber (mm)	-

Missiles/7

Blow Pipe missile

Only 1 kill could be attributed to Blowpipe
In 1986 some units where sent clandestinely to equip
the Mujahideen fighting the Soviets in Afghanistan

Country	UK
Date	1968
Length (mm)	1350
Weight (kg)	11
Speed (m/s)	510
Cannon caliber (mm)	-

Missiles/2

BGM-71 TOW

Anti-tank missile.
Can penetrate most known tank armor
This launcher is technically man-portable,
but is quite bulky

Country	USA
Date	1970
Length (mm)	1170
Weight (kg)	18,9
Speed (m/s)	300
Cannon caliber (mm)	-

Nuclear weapons/7

Trident II UGM-133A

Strategic nuclear deterrence
The use of (or threat of use of) such weapons would generally be contrary to the rules of international law applicable in armed conflict

Country	USA
Date	1990
Length (mm)	13410
Weight (kg)	58500
Speed (m/s)	6100
Cannon caliber (mm)	-

Nuclear weapons/1

Spartan LIM-49A

Were operational a few months only :
High costs made the missile an unattractive bargain

Country	USA
Date	1975
Length (mm)	16800
Weight (kg)	13100
Speed (m/s)	1000
Cannon caliber (mm)	-

Nuclear weapons/2

Nike Zeus XLIM-49A

Anti-aircraft missile system
The missile also had an optional nuclear warhead to improve the probability of a kill

Country	USA
Date	1953
Length (mm)	14700
Weight (kg)	10300
Speed (m/s)	1361
Cannon caliber (mm)	-

Nuclear weapons/3

AGM-28 Hound Dog

First air-launched nuclear stand-off missile
Name inspired by the hit song by Elvis Presley

Country	USA
Date	1959
Length (mm)	12950
Weight (kg)	4500
Speed (m/s)	696
Cannon caliber (mm)	-

Nuclear weapons/4

Blue Steel

Air-launched, rocket-propelled nuclear stand-off missile

Country	UK
Date	1963
Length (mm)	10700
Weight (kg)	7270
Speed (m/s)	994
Cannon caliber (mm)	-

Nuclear weapons/5

K-278 Komsolets

Nuclear-powered attack submarine
name means member of the Young Communist League
Sunken in 1989

Country	USSR
Date	1983
Length (mm)	117500
Weight (kg)	6400000
Speed (m/s)	15,4
Cannon caliber (mm)	-

Nuclear weapons/6

K-159

Suffered an accident involving radioactive discharges into her steam generators

Country	USSR
Date	1963
Length (mm)	107400
Weight (kg)	3065000
Speed (m/s)	15,4
Cannon caliber (mm)	-

Rifles/1

FN FAL

Battle rifle
Despite using a full-power .30 cartridge,
the FALs recoil is light

Country	Belgium
Date	1953
Length (mm)	1090
Weight (kg)	4,45
Speed (m/s)	823
Cannon caliber (mm)	7,62

Rifles/2

QBZ-95

Assault rifle
Modern weapon system in a bullpup configuration
It has never been used in combat and thus
little is known about its effectiveness

Country	China
Date	1995
Length (mm)	760
Weight (kg)	3,4
Speed (m/s)	930
Cannon caliber (mm)	5,8

Rifles/3

AK-47 (Kalashnikov)

Assault rifle
Designed in 1947 by Mikhail Kalashnikov
he started imagining his weapon while still in the hospital
after being wounded in the battle of Bryansk

Country	USSR
Date	1947
Length (mm)	870
Weight (kg)	4,3
Speed (m/s)	710
Cannon caliber (mm)	7,62

Rifles/4

M16

Service rifle
The semi-automatic version, the AR-15,
is a popular recreational firearm in the USA

Country	USA
Date	1960
Length (mm)	1002
Weight (kg)	0
Speed (m/s)	975
Cannon caliber (mm)	5,56

Rifles/5

Famas

Standard assault rifle of the French military
aka Le Clairon because of its shape
Senegal and the United Arab Emirates had received
a small amount of them from France

Country	France
Date	1975
Length (mm)	757
Weight (kg)	3,8
Speed (m/s)	960
Cannon caliber (mm)	5,56

Rifles/6

Boys

Anti-tank Rifle
The W Mark 2 projectile was able to penetrate up to 3/4 inch (20 mm) of armour at 100 yards (~91 m)

Country	UK
Date	1937
Length (mm)	1575
Weight (kg)	16
Speed (m/s)	747
Cannon caliber (mm)	13,9

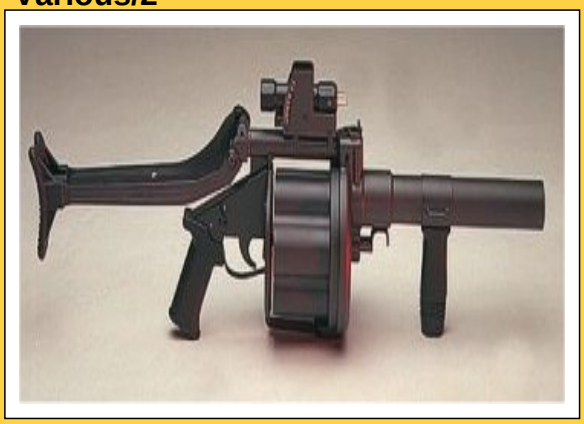
Rifles/7

M14

Selective fire rifle
The rifle served very favorably during its tour of duty in Vietnam.

Country	USA
Date	1959
Length (mm)	1118
Weight (kg)	4,5
Speed (m/s)	850
Cannon caliber (mm)	7,62

Various/2



MGL-MK1

Multishot grenade launcher
very simple weapon, holding each grenade on a rotatory barrel, similar to the system in a revolver

Country	S.Africa
Date	1983
Length (mm)	778
Weight (kg)	5,3
Speed (m/s)	75
Cannon caliber (mm)	40

Various/1

Naginata

Pole weapon
Associated with women, and in modern Japan, it is studied by women more than men

Country	Japan
Date	712
Length (mm)	2040
Weight (kg)	0,6
Speed (m/s)	-
Cannon caliber (mm)	-

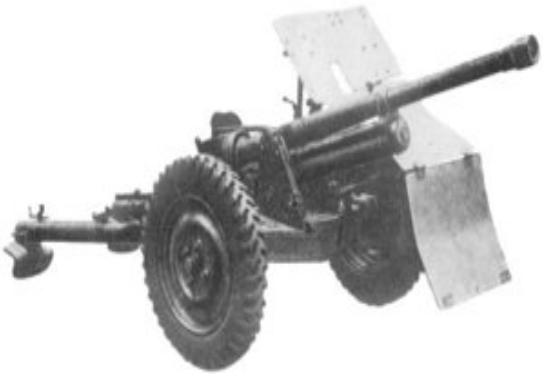
Various/3

Lightsaber

Form V Shien / Djem So
At first, the effect was created by having the actors hold rods covered with highly reflective tape and having high intensity lights pointed in their direction

Country	O.Republic
Date	1977
Length (mm)	ca100
Weight (kg)	-
Speed (m/s)	-
Cannon caliber (mm)	-

Various/4



Bofors37

Anti-tank gun
The gun was used to equip the British forces in North Africa

Country	Sweden
Date	1934
Length (mm)	1090
Weight (kg)	370
Speed (m/s)	830
Cannon caliber (mm)	37

Various/6

Caterpillar D9

Armored bulldozer
In Israel, the D9 has gained highly favorable reviews â?? both from the public and from the armed forces â?? for keeping IDF casualties low.

Country	USA
Date	1988
Length (mm)	8100
Weight (kg)	48784
Speed (m/s)	3
Cannon caliber (mm)	-

Various/5

FV432

Armoured personnel carrier
Since its introduction it has been the most common variant used for transporting infantry on the battlefield

Country	UK
Date	1962
Length (mm)	5250
Weight (kg)	15300
Speed (m/s)	14
Cannon caliber (mm)	7,62

Various/7

M224 Mortar

Smooth bore, muzzle-loading, high-angle-of-fire weapon
Unit Replacement Cost: $10,658

Country	USA
Date	1978
Length (mm)	1016
Weight (kg)	21,11
Speed (m/s)	-
Cannon caliber (mm)	60

Happy families

Military