

## 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*

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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*

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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*

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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.*

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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*

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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*

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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*

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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*

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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*

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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*

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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*

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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*

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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*

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

## Guns/7



### GLOCK 18

*Handgun*

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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.*

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

## Tanks/2



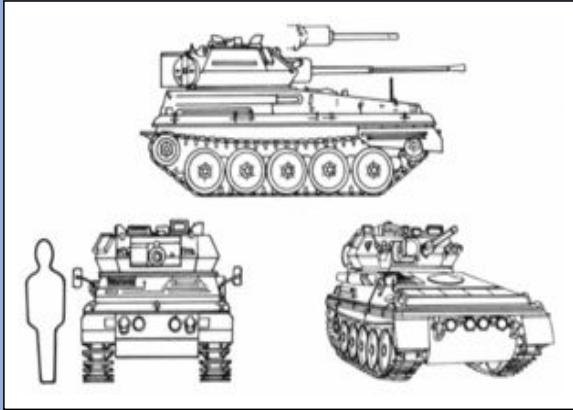
### Centauro

*Wheeled tank-destroyer*

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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 etc...*

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

### Tanks/5



#### M109 - Howitzer

*Self propelled, 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*

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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*

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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*

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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*

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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 were 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*

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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*

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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*

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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*

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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*

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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*

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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*

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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

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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

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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

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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

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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)*

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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.*

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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*

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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*

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



### Various/3



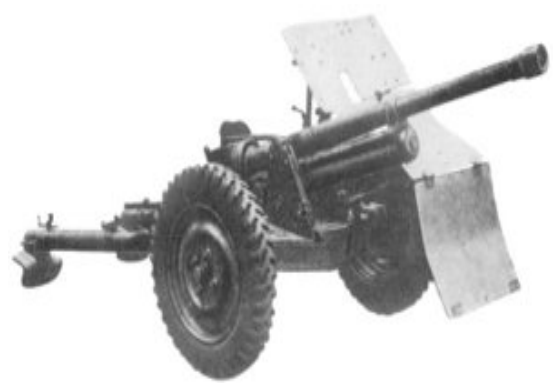
#### Lightsaber

*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

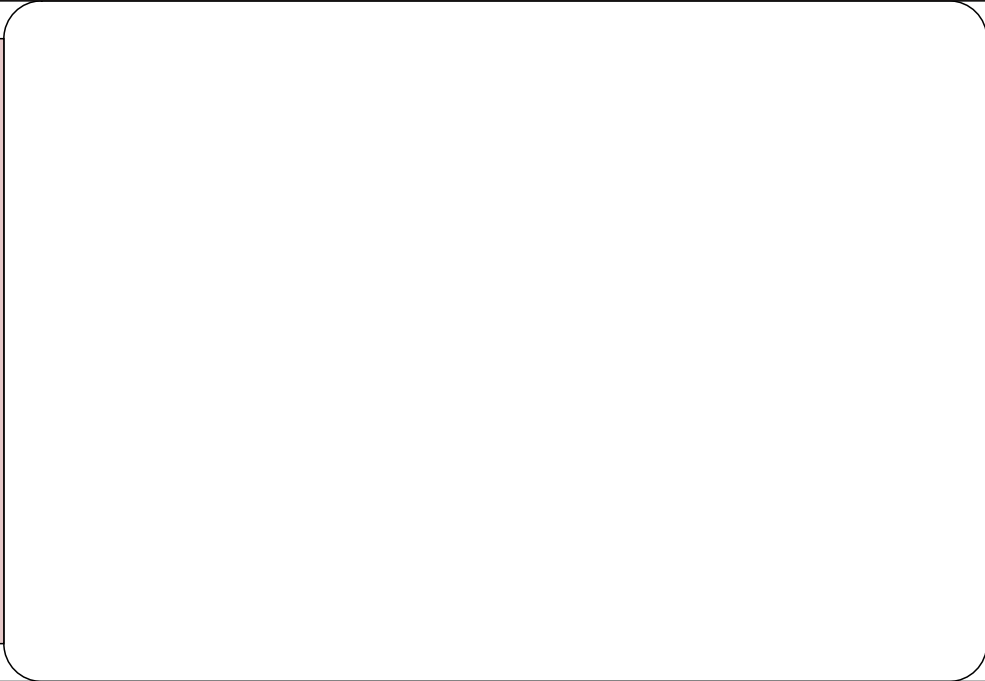


**M224 Mortar**

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

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



**Happy families**

**Military**