

**TWILIGHT: 2000™ 2nd Edition**

User created content

# SMALL ARMS

OF THE MODERN WORLD

Weapons of the Modern World, Part 1

Arto Roth

Version 2.1

**Arto Roth**

# Small Arms of the Modern World

**FOR TWILIGHT: 2000 2ND EDITION**  
Weapons of the Modern World, Part 1

**1**



Far Future Enterprises

Version 2.1  
April 2021

1

Version 2.1  
April 2021

## Small Arms of the Modern World

*Weapons of the Modern World, Part 1*

By Arto Roth

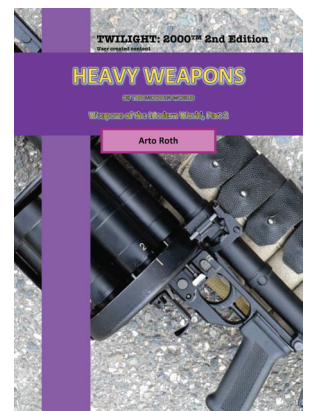
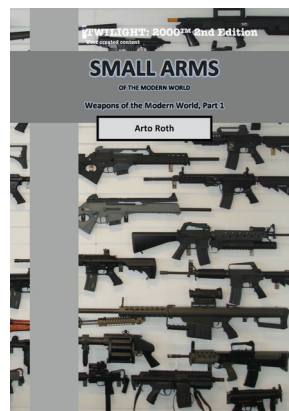
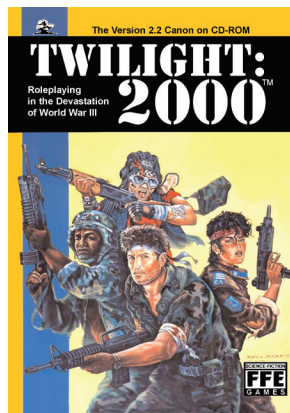
for **Twilight: 2000 2nd Edition**

Copyright © 2021 FFE. All Rights Reserved. Electronic Edition.

No part of this book may be reproduced in any form or by any means without express written permission from the publisher.

Far Future Enterprises is the successor to the legendary **Game Designers' Workshop**, and we publish reprints of, and additions to the classic role-playing game systems originally produced by GDW: **Traveller**, **2300 AD**, **Twilight: 2000**, and **Dark Conspiracy**.

FFE Far Future Enterprises  
Bloomington IL 61701 USA  
[www.FarFuture.net](http://www.FarFuture.net)



## CONTENTS

<b>INTRODUCTION TO THE SMALL ARMS OF THE MODERN WORLD</b> .....	5
WELCOME .....	5
WEAPON DESIGNATIONS .....	5
PRODUCTION AND USER DETAILS .....	5
RECOIL .....	5
RANGE .....	6
REVOLVER BARREL LENGTH .....	6
<b>RECOMMENDED ADJUSTMENTS TO RULES:</b> .....	6
<b>INTRODUCTION TO THE UPDATE 2.0 OF SOTMW</b> .....	7
WELCOME .....	7
FORMULAS – UPDATED .....	7
<b>SMALL ARMS:</b> .....	8
SEMI-AUTOMATIC PISTOLS .....	8
AF-1 Strike One Combat "Strizh", Akdal Ghost TR-02, AMT Automag-Series .....	8
AMT Baby AutoMag, AMT Hardballer Longslide, Arex REX Zero 1T .....	9
Arsenal Firearms AF2011-A1, ASP 9, ASP 2000 .....	10
Astra A-70, Astra A-100, Auto Mag .....	11
Beretta 90-Two Type-F, Beretta 92X, Beretta APX Combat .....	12
Beretta P4X Storm, Bernadelli P-018, Bren Ten .....	13
Browning BDM, Browning HP-35, Browning HP-DA .....	14
Bul M-5, Caracal Enhanced F, Claridge Hi-Tec S9 / Göncz-Pistol .....	15
CM 88 Mod 4, Colt Combat Commander, Colt Defender .....	16
Colt Delta Elite, Colt Government / M1911A1, Colt M45A1 MEUSOC CQBP .....	17
Colt OHWS / SOCOM, CZ-75 SP01 Tactical, CZ-100B .....	18
CZ G2000, CZ P-09 Duty, CZ P-10C .....	19
CZ TS2, Detonics Combat Master, Detonics MTX-H .....	20
Detonics Ops Master / 9-11-01, Detonics Service Master, Detonics Street Master .....	21
FB MAG-08, FB MAG-95, FEG P9RC .....	22
FEG PA-63, FN 509, FN Five-SeveN (5.7) Mk2 / Tactical .....	23
FN FNP-Series, FN FNS-Series, FN FNX-Series .....	24
FN Forty-Nine Series, Fort-12B, Fort-17 .....	25
Glock 17 / 22 / 31 / 34 / 35 / 37, Glock 19 / 38 / 44 / 45, Glock 20 / 21 / 41 .....	26
Glock 23 / 32, Glock 24, Glock 26 / 27 / 29 / 39 .....	27
Glock 30 / 33, Glock 36, Glock 40 .....	28
Glock 43 / 48, Glock 46, Glock 47 .....	29
Grand Power X-Calibur, Grand Power P1 / P9M, Grand Power P40 / P45 .....	30
Grand Power P40L / P45L, Grand Power Q100, H&K HK4 .....	31
H&K HK45T, H&K Mk23 Mod0, H&K P7 / PSP .....	32
H&K P9S, H&K P30L, H&K P2000 .....	33
H&K USP-Series / P8, H&K USP-C / P10, H&K VP-Series .....	34
Hudson H9, IMI Baby Eagle / Jericho 941, IMI Desert Eagle Mk XIX .....	35
Kahr P-Series, Kel-Tec PF-9, Kel-Tec PMR-30 .....	36
Kimber Custom Aegis Elite II, Kimber Custom TLE II/RL2, Kimber Eclipse .....	37
Kimber MCSOCOM ICQB, Kimber SIS, Kimber Ultra Raptor .....	38
Kimber Warrior, KSH Industries GSh-18, Llama I / II / V / VI .....	39
Llama III / X-A / XV, Llama IV / VIII, Llama IX / XI / XII .....	40
Llama XVII / XVIII, Llama M-82, Llama M-87 .....	41
Llama MAX-1 / MAX-2, Llama MAX-1 C/F, Llama Micro-Max .....	42
Llama Mini-Max I / II, Llama Omni-Series, Luger P-08 .....	43
M007, M4A3, M9A3 .....	44
M17, M18, Makarov PM .....	45
MAC 50, Modern Outfitters MC6, MP-443 Grach .....	46
MP-446 Viking, MTE 224V, OTS-27 Berdysh .....	47
Pardini GT-Series, Pindad G2 Combat, Pindad PS-01 .....	48
PL-15 Lebedev, Povzbroj PS-97 Arrow, PR-15 Ragun .....	49
QS2-92G, Ruger 57, Ruger American Pistol .....	50
Ruger Security-9, Ruger SR-series, Sarsilmaz SAR-9T .....	51
SIG Sauer P210, SIG Sauer P220 Carry / P245, SIG Sauer P224 .....	52
SIG Sauer P225-A1 Tactical, SIG Sauer P226, SIG Sauer P227 .....	53
SIG Sauer P228 / P229 / M11, SIG Sauer P230 / P232, SIG Sauer P238 / P938 .....	54
SIG Sauer P239 Tactical, SIG Sauer P250, SIG Sauer P290RS .....	55
SIG Sauer P320 X5, SIG Sauer P365 / P365XL, SIG Sauer PRO / SP2022 .....	56
SIG-Sauer GSR/1911 TACOPS, S&W M&P Pro, S&W Model 1006/4006 .....	57
S&W Model 4506, S&W Model 5906, S&W SD VE .....	58
SP-21 Barak, Sphinx 3000 Tactical, Springfield Armory XD-M Elite Tactical .....	59
SR-2 Udav, Star Firestar M-Series, Star Megastar .....	60
Star Model 28 / 30 / 31, Star Model BM, Star Model PD .....	61
Star Ultrastar, Steyr M-Series A1, Stoeger STR-9S Combat .....	62
Tanfoglio Force Carry F Pro, Tanfoglio Force L, Tanfoglio T95 Combat .....	63
Taurus Millennium-Series G2, Taurus PT24/7 OSS, Taurus PT92 .....	64
Taurus T-Series, TiSAS Zigana, TT-33 Tokarev .....	65
Vektor SP1 / SP2, Vektor Z88, Viper Jaws .....	66
Walther Creed, Walther P38 / P1 / P4, Walther P88 .....	67
Walther P99, Walther PK380, Walther PPK .....	68
Walther PPQ M2 5", Walther Q5 Match, Wiley Pistol 8" .....	69
Wilson Combat Vickers Elite, Wilson Combat EDC X9, WIST-94 .....	70
Zastava CZ-99EZ, Zastava M88, Zastava PPZ .....	71
REVOLVERS .....	72
Astra 680, Astra Model 44 6", Chiappa Rhino 50DS .....	72
Colt 1851 Navy RM-Conversion, Colt Anaconda 6", Colt Army Model 1860 .....	73
Colt Cobra 2", Colt Detective Special / FitzGerald Special, Colt Diamondback 6" .....	74
Colt King Cobra 6", Colt Model 1848 Percussion Army, Colt New Service / M1909 6" .....	75
Colt Python 6", Colt Single Action Army 5.5", Colt Trooper MkV .....	76
Colt Walker, Dan Wesson 7445 VH8 Safari 8", Dan Wesson Model 715 6" .....	77
Dan Wesson Model 744 8", Freedom Arms Model 83 7.5", Korth Combat 6" .....	78
Llama Comanche I-III 6", Llama Martial 4", Llama Super Comanche IV-V 6" .....	79
Manurhin MR-88 6", Manurhin MR-93 4", Manurhin MR-96 4" .....	80
Mateba 2006M / 2007S 4", MP-412 REX 6", Remington 1858 New Army Custom .....	81
RSH-12, Ruger Blackhawk, New Model 5,5", Ruger KGP161 6" .....	82
Ruger RH 5.5", Ruger Super RH 7.5", Ruger Super RH Alaskan 2.5" .....	83
Ruger Vaquero 5,5", S&W Cent. Model 40 / 42, S&W Cent. Model 340PD / 342 M&P8 .....	84
S&W Cent. M 442 / 640 / 642, S&W Cent. M 940, S&W M66 Combat Mag 6" .....	85
S&W Model 351C, S&W Model 460V, S&W Model 500 4" .....	86
S&W Model 610 6.5", S&W Model 629 6.5", Taurus Judge 3" .....	87
Taurus Judge 6.5", Taurus Raging Bull 6", Taurus Raging Judge 6.5" .....	88
TOZ-36, Zastava M83, ZKR-551 6" .....	89
LEVER-ACTION & SPECIAL PISTOLS .....	90
B&T VP9, H&K NBW (G11), Henry's Mare's Leg .....	90
LeMat Revolver, Mateba 6 Unica Home Def 5", MK22 Mod0 "Hush Puppy" .....	91
New Haven No.2 Volcanic, OTS-38 Stechkin, PSS / PSS-2 "Vul" .....	92
SilencerCo Maxim 9, S&W QSPR, S&W Volcanic No.2 .....	93
Webley-Fosbery 6", Welrod Mk IIA .....	94
SMGs & PDWs .....	95
AAC Honey Badger PDW, AR-57 PDW, Arsenal Shipka .....	95
Auto-9, Beretta 93R, Beretta M12S2 .....	96
Brügger & Thomet APC, Brügger & Thomet APC-9K, Brügger & Thomet APC-SD .....	97
Brügger & Thomet MP9, Carl Gustav M/45, CF-05 .....	98
CMMG MkGs Banshee / Mk57, Colt Model 635 / 9mm SMG, Colt Scamp .....	99
CZ Scorpion EVO3, Daewoo K7, Diemaco C8 PDW .....	100
FAMAE SAF-200, FN P90, Glock 18C Full auto .....	101
Libria GCS, H&K MP5A5, H&K MP5K-PDW .....	102
H&K MP5SD6, H&K MP7A2, H&K SMG11 .....	103
H&K UMP, H&K VP70M, Ingram MAC-10 .....	104
Ingram MAC-11, Jatimatic / GG-95 PDW, K6-92 Borz .....	105
Kriss Vector, M3A1 "Grease Gun", Madsen M-50 .....	106
Magpul FMG-9, Mendoza HM-3-S BULLDOG, Mendoza HM-3-S LONG .....	107
MP-34, MP-40 "Schmeisser", MSMC .....	108
MTE 224 VA, OTS-33 Pernach, Pindad PM2-V2 .....	109
Pindad PM2-V3, PP-19 Bizon, PP-19-01 Vityaz-SN .....	110
PP-2000, PPS-43, PPSH-41 .....	111
QCW-05 "Type-05", Ruger MP-9, Saab Bofors CBJ-MS .....	112
Scorpion Vz-61, Seekins Precision NXP8, SIG Sauer MPX .....	113
SIG Sauer MPX-SD SR-2 Veresk, Sten SMG Mk2 .....	114
Sterling L2A3 Mk4, Steyr AUG Para, Steyr TMP .....	115
Suomi KP-31, Thompson M1928A1 "Tommy Gun", Thompson M1A1 .....	116
TiSAS Zigana F, UDP-9, UZI .....	117
UZI, Micro, UZI, Mini, Walther MPK .....	118
ASSAULT RIFLES .....	119
9A-91, A-545 / A-762, AEK-971 / AEK-972 / AEK-973 .....	119
AEK-971S / AEK-973S, Ak 5C, AK-9 .....	120
AK-47 Type 3, AK-74, AK-74MR UUK .....	121
AK-103, AK-104, AK-107 / AK-108 / AK-109 .....	122
AK-205 / AK-201 / AK-203, AK-400: AK-12 / AK-15 / AK-19, AKM .....	123
AKMS, AKMSU, AKS-47 Type 3 .....	124
AKS-74, AKS-74U, AKS-74UB .....	125
AKU-94, AMD-65M, AN-94 .....	126
ArmaLite AR-10, ArmaLite AR-18 / AR-180, Armwest LLC M4 Carbine .....	127
B.A.D. Tanker, Barrett M468A1, Barrett REC7 .....	128
Beretta ARX-160 / ARX-200, BR18 / BMCR, CAR 816 Sultan .....	129
CETME Model B / R, CETME Model C, CETME Model L / LV .....	130
CETME Model LC, MCMR, CMMG Mk47 Mutant .....	131
Colt ArmaLite AR-15 Model 602, Colt CAR-15 / XM-177E2 Commando, Colt M16A1 .....	132
Colt M16A2 / FN M16A3, FN M16A4, Colt Mk18 Mod1 / Model 933 .....	133
CS/LR14, CS/LR17, CS/LR17 CQC .....	134
CZ BREN 2 / 806 BREN 2, Daniel Defence M4 Mk18 Mod 1, Diemaco C7A2 .....	135
Diemaco C8A3, DSA SA-58 OSW, Excalibur Rifle .....	136
FAMAS G2, FB MSBS Grot B, FB MSBS Grot C .....	137
FERFRANS SCW, FERFRANS SOAR, FN F2000/SC20K .....	138
FN-FAL 50.61 / L1A1 / L2A1, FN FNC Model 2000, FN FNC Model 7000 .....	139
FN M4 / M4A1 Carbine, FN SCAR-L / -H CQC, FN SCAR-L / -H Standard .....	140
GD RM277 NGSW-R, H&K 416A5 / 417A2, H&K 416C .....	141
H&K 433 14.5", H&K G3A4, H&K G11 ACR .....	142
H&K G11 K2, H&K G36, H&K G36C .....	143
H&K G36K, H&K G41A3, H&K HK33A3 .....	144
H&K HK53KL, H&K XM8, Howa Type 64 .....	145
Howa Type 89, Howa Type 20, HS Produkt VHS2 .....	146
IMI Galil ACE 22 / 32 - Galil Cordova, IWI Tavor GTAR-21, IWI X-95 .....	147
L2A2 Carbine, L85A3, LR 300-ML-N .....	148
LWRC M6 Carbine, M41A1 .....	149
M231/XM231 FPW, MCIWS, Noveske N4 Diplomat CQB .....	150
Norinco Type 56, Norinco Type 63, Norinco Type 81 .....	151
OTS-12 Tiss, OTS-14-4 Groza-4, Pindad SS2-V1 / SS2-V4 .....	152
Pindad SS2-V5, Pindad SS2-V7, QBZ-95 / -97 .....	153
QBZ-95B / -97B, QBZ-03 / T03, QTS-11 .....	154
Remington ACR, Remington R5 RGP 10.5", Remington R5 RGP 14.5" .....	155
S&T Daewoo K11, Salient Arms GRY Carbine 14.5", Salient Arms GRY SBR 11.5" .....	156
Salient Arms Tier 1 AR-15, SHAK-12, SIG Sauer 516 / 716 .....	157
SIG Sauer MCX, SIG Sauer MCX LVAW, SIG Sauer NGSW-R MCX Spear .....	158
SIG Sauer SG 553, SR-3MP Vikhr, ST Kinetics SAR-21 .....	159
Steyr AUG, PJA AUG A3-CQC, StG 44 .....	160
T-91, T-91 CQC Carbine, Textron NGSW-R .....	161
Thales F90, TR-1 Ultralight, Valmet RK-62M / M76 .....	162

Valmet / SAKO RK-95 TP / M95, Vektor R4 / LM4, Vektor R5 / LMS.....	163	MACHINE GUNS.....	212
WAC-47, War Sport LVOA-C 14.7", War Sport LVOA-S 11.7".....	164	7.62 KVKK 62, AA-52, Browning M1918A2 BAR.....	212
Wieger StG-940 Series, Zastava M21A BS, Zastava M21C BS.....	165	Browning M1919A4, CS/LR17 LMG, C9.....	213
WWII-ERA RIFLES.....	166	Diemaco LSW, DShk 1938 "Dushka", Enfield BREN Mk4 / L4A3.....	214
3-Line Rifle / Mosin-Nagant M1891-30, Gewehr 43 (W), Karabiner 98K.....	166	FN M249 SAW, FN M249 SPW / Mk46 Mod 0, FN MAG / M240B.....	215
Lee-Enfield No.4 Mark I, Lee-Enfield No.5 Mark I, M1 Carbine.....	167	FN Minimi Mk3 / Maximi, FN Mk48 Mod 0, FN Mk48 Mod 1.....	216
M1 Garand, SKS-45, SVT-40.....	168	GD RM277 NGSW-AR, GShG-7.62 Minigun, H&K HK11A1 / HK21A1.....	217
LEVER-ACTION RIFLES.....	169	H&K HK13E / HK23E, H&K LMG11, H&K MG4 / HK123.....	218
Henry Big Boy Classic, Henry Lever Action Model X, Marlin 336SS.....	169	H&K MG5A2 / HK121, H&K MG36, Hua Qing Minigun.....	219
Marlin 1895 Dark Series, Mossberg Model 464 SPX, Spencer 1860 Carbine.....	170	IWI Negev NG5/7, Kord 6P50, KPV.....	220
Winchester 1866 Carb., Winchester 1892 Carb., Winchester Model 94 Carb.....	171	Ksp m/39, Ksp m/42, L7 / L8.....	221
DMRs.....	172	L86A2, LWRC M6A4 IAR, M2HB Browning MG.....	222
ArmaLite AR-10T, Azb DMR MK1, Chukavin SVCh.....	172	M27 IAR, M41AE2, M56 Smartgun.....	223
Colt Canada C20 DMR, Colt Canada MRR, CS/LR17 HB.....	173	M60, M134 Minigun Hand Held, M134G Minigun.....	224
Diemaco C7CT, Diemaco C8CT, DRD Tactical Paratus-16-LR-B.....	174	MG3, NSV, PKM.....	225
FN SCAR Mk20 SSR, H&K G28 / HK241 / M110A1 CSASS, H&K MSG90A2.....	175	PKP 6P41, QJB-95 / -97 LSW, QJY-67.....	226
H&K PSG1A1, H&K SL8-10, IMI Galil ACE 52.....	176	QJY-88, QJZ-77 / -85, QJZ-89.....	227
Knight's Armament M-110, Knight's Armament SR-25, LaRue Tactical OBR 18".....	177	RPD, RPK, RPK-16.....	228
LMT LM308MWS / L129A1 Sharpshooter, LWRC M6A3, LWRC REPR MkII.....	178	RPKS-74M, SIG Sauer NGSW-AR, Steyr AUG HBAR.....	229
M21, M38 DMR, M39 EMR.....	179	Stoner 63 Modular Weapon System, Textron NGSW-AR.....	230
M42A, Mk12 Mod 0 Special Purpose Rifle, Mk14 Mod 0 EBR.....	180	UA-571C ASG, XM-214 Microgun / GE Six Pak, XMS56 Microgun.....	231
Modern Outfitters MC7, OTs-03 SVU Dragunov, Pindad SS2-V4HB.....	181	SHOTGUNS.....	232
QBU-88 / KBU-97A, Remington R11 RSASS, Steyr AUG HBAR-T.....	182	Atchisson AA-12, Baikal MP-155, Baikal MP-155K.....	232
SVD-63 Dragunov, VSK-94, VSS Vintorez.....	183	Benelli M3 Super 90, Benelli M4 Super 90 / M1014 JSCS, Benelli Nova.....	233
Zastava M76, Zastava M91, Zastava M07.....	184	Benelli Supernova, Beretta 1201FP, Beretta 682.....	234
SNIPER RIFLES.....	185	BAT Pro Bullpup, Chiappa 1887 Mare's Leg, Chiappa Triple BLK.....	235
AI AW / L118A1, AI AWM / L115, AI AXMC.....	185	Cooney 684 Custom UB, Cooney Model 84 / Winchester Model 840, Daewoo USAS-12236.....	236
AI PM / L96A1, ArmaLite AR-30, ArmaLite AR-30A1.....	186	Dagger SAP6, Derya Mk-10, Derya MK-12.....	237
ArmaLite AR-31, Barrett MRAD / Mk22 ASR 24.5", C14 Timberwolf.....	187	Fabarm SDASS Tactical, Fabarm STF-12, FN P12.....	238
CZ-700M1, CZ-750M1 S1, CZ-750M1 S2.....	188	FN SLP-series, Fostec Origin-12, Franchi SPAS-12.....	239
CZ TSR, Desert Tech HTI, Desert Tech SRSA1.....	189	Franchi SPAS-15, Ithaca 37, Ithaca 37 "Stakeout".....	240
DSR-1, FR-F1, FR-F2.....	190	IWI Tavor TS-12, Kel-Tec KS7, Kel-Tec KSG.....	241
Haenel RS9 / G29, Howa M1500, JS 7.62.....	191	Knight's Armament Masterkey, Knight's Armament Masterkey (UB), KS-23M.....	242
Lobaev DVL-10 M2, Lobaev SVL-3, M24 SWS.....	192	M26 MASS, M26 MASS (UB), Molot Bekas-M 00 / 05.....	243
M40 / M40A1 / M40A3, M40A5, M40A7.....	193	Mossberg 590 Nightstick, Mossberg 590 Tactical, Mossberg 930 Tactical.....	244
MTs-116M, MTs-116R, MTs-116RB.....	194	Mossberg Maverick HS-12, MTs 20-Series, MTs 20-4 / TOZ-106.....	245
Orsis T-5000M, Parker-Hale M82 / C3, PGM 338 / Mini-Hecate I.....	195	MTs 8, Norinco YL12-1J / -1JZ, Norinco YL12-1JF / -1JS.....	246
PGM Mini-Hecate II, PGM Ultima Ratio, Pindad SPR-1 / SPR-3 / SPR-4.....	196	QBS-09, Remington 870, Remington M1100.....	247
Remington M24 RSWS, Remington Mk13 Mod7, Remington M700.....	197	Remington SPR310 Spartan, Remington V-3 Tac13, RMB-93.....	248
Remington M700P, Remington M700P RACS, Remington MSR / Mk21 PSR.....	198	Saiga-series, Savage 311-R, Standard Manufacturing DP-12.....	249
Sako TRG-42 / TKIV 2000, Steyr SSG 69, Steyr SSG 04.....	199	TOZ-34, Typhoon F12, UTAS UTS-15.....	250
Steyr SSG 08, SV-98, Tikka T3x CTR / Colt Canada C-19.....	200	Uzkon UNG-12, Valtro PM-5 / PM-5-5350, Vepr-12.....	251
Victrix Scorpio V, VSSK Vykhlop, Walther WA-2000 V2.....	201	Winchester 1200 / 1300, Winchester Model 21, Winchester Model 1887 T2-Special.....	252
ANTI-MATERIEL RIFLES.....	202	COMBINATION RIFLES.....	253
AI AS50, AI AW50 / L121A1, AI AX50.....	202	Chiappa Dbl Badger, Chiappa M6, Savage M42.....	253
AMR-2, Anzio 20mm, ArmaLite AR-50.....	203	LIST OF AMMUNITION.....	254
Barrett M82A1M / M107, Barrett M95, Barrett XM500.....	204	GLOSSARY OF TERMS USED.....	256
Bushmaster BA50, Cheytac M200 / M300, Denel NTW-Series.....	205	SUMMARY OF COUNTRIES OF ORIGIN.....	259
DSR-50, JS 05, KSVK 12.7 / ASVK.....	206	VERSION HISTORY & NOTES.....	264
McMillan TAC-50 / Mk15 Mod 0 SASR / C15, OSV-96 Vzломshchik, PGM Hecate II.....	207	PENETRATION VALUE TABLE.....	265
Pindad SPR-2, Serbu BFG-50, Steyr HS .50.....	208	NEW WEAPONS IN UPDATED VERSIONS.....	266
THOR M408, Truvelo CMS-series, Truvelo CMS 20x42.....	209		
Vidhwansak, WKW Wilk, Zastava M12 Black Spear.....	210		
Zastava M93 Black Arrow, Zijiang M06 / M99B-I / M99B-II, ZVI OP-Series Falcon.....	211		

# INTRODUCTION TO THE SMALL ARMS OF THE MODERN WORLD

## Welcome

This whole work started roughly 15 years ago as a kind of “I’ve-got-nothing-else-to-do” work. It had already been about 10 years from my last game of Twilight:2000 2<sup>nd</sup> Edition. From out of nowhere I got an idea of making a spreadsheet to create some of my favorite weapons. I think that the first one was the Franchi SPAS-12 shotgun. I got it done and then I forgot the whole project.

In the spring of 2020 I found myself in a situation, where I had to find something to do during the long days. So, I remembered my T2K project and started to refine it. Finally, it was time to start adding the weapons. I had three basic “rules” or criteria on choosing the weapons.

1) It had to look cool. Used by a badass in a movie? Even better!

2) It had to have some significance historically.

3) It had to be used at least one of the major military forces of the world.

In the Fall of 2020 it was time get this project to some use. The biggest thank you goes to the Far Future Enterprises and especially to Marc Miller. Thank you, Marc, for your advices, hints and suggestions and of course for making these guidebooks possible. Also, a huge thank you belongs to everyone in the “T2K – Roleplaying in the aftermath of World War III” Facebook group who gave me wonderful advices and pointers. This wouldn’t be possible without you guys, so THANK YOU!!!!

All this led to these these guidebooks of which the 1<sup>st</sup> part (the Small Arms of the Modern World) you are now about to read. Please enjoy the almost 450 small arms (yes, I know they are not all so small, but anyways). And of course, thank you for putting my work in use!  
=D

PS. If you already haven’t, also remember to check out the 2<sup>nd</sup> part the “Heavy Weapons of the Modern World”.

## Weapon designations

In most cases there is one weapon per card. However, there are a lot of instances where there just aren’t enough differences between two or more different models. In these cases, the differences and their possible effects on stats have been brought up in the description.

## Production and user details

### Manufacturer:

Depending on the situation states the current name either of the major, best known or current manufacturer. I.e. Kalashnikov Group has an added note of (formerly Izhmash) despite the fact that which one was the name when the weapon was manufactured.

### Produced / In-Service:

This states the production years and if available, also the in-service years for all firearms. If only one year (i.e. 2010 / 2010) is stated, then the piece of hardware is still being manufactured and/or still in active service. In case the production or service has been discontinued, year states starting and discontinuation year (2010 – 2016).

### Users:

All of the countries whose armed forces or law enforcement has adopted the firearm for active service are listed here. If the number of countries is too many to be written out, all the major countries have been listed and the list ends with three dots.

In many occasions’ countries have not been individually mentioned as there might be 20-90 countries which have adopted at least some variant of the weapon.

### Organizations:

**Military** : Official armed forces, paramilitary forces, private military corporations, intelligence agencies etc...

**Police** : Law enforcement organizations such as police departments, DEA, FBI etc...

**Civilian:** for hunting, sports shooting etc...

## Availability and price

As all availability and price values are highly subjective, I strongly recommend all users of this guidebook to adjust these values accordingly to suit their campaigns and games. Also, there will be no availability values for ammunition, neither small caliber or heavy weapons.

## Fictional and past 1999 weapons

As my intention was to include weapons of the *modern world* I naturally was referring to the real world. As it’s 2020 at the time I’m writing this it is almost mandatory to include all the major service (and cool) weapons after the original game’s 24:00 o’clock of the Doomsday Clock. I leave it to GMs to create reasons why these weapons can be used in their campaigns. Maybe just by changing the years, maybe some countries pushed their weapons projects in the brink of the war (i.e. G11 system). The possibilities are limitless...

## Recoil

### Buttstocks

Recoil values (Single shot and burst) for all firearms have four values: Without stock, with stock, Bipod and Tripod.

Even weapons with adjustable stock have values for without stock. This is applied if the stock is collapsed all the way (for lower bulk) and the weapon is therefore fired unsupported. I know this sounds as exaggerated, but it results in more variety of stats and possibly some tactical decisions with bulk vs recoil and single shot vs burst during the gameplay.

As stated in the 2<sup>nd</sup> edition rules, changing the position of the stock (collapsible, removable, folded, adjustable etc...) is an action and takes 1 phase to complete. The type of the stock is usually mentioned in the description, but if not please refer to the picture (see examples below).



**Fixed stock**  
Usually in older rifles.



**Folding stock**  
Usually in older rifles.  
Note the hinges



**Retractable stock**  
Usually on SMGs



**Adjustable Stock**  
Note the missing hinges.



**Removable stock**  
Usually mentioned

### Formulas

When using the original formulas for burst fire the modern firearms with 800-1200rpm gave quite crazy values. That's why I had to rewrite the burst formulas, so that I could use the correct values of the real weapons (ie rate of fire). In-game ROF was also modified a bit so the base rule now is:

**Under 600rpm** = ROF 3 (Less than 10 rounds per sec in real life)

**600-750rpm** = ROF 5 (10-13 rounds per sec in real life)

**Over 750rpm** = ROF 10 (over 13 rounds per sec in real life)

Also if the weapon has a burst setting in the selector, this is used as the burst value.

#### Formulas used:

E= Muzzle Energy

M=Mass of loaded weapon (using the Mag1 value for ammunition)

A=The Muzzle Energy modifier stated in the Infantry Weapons of the World guidebook

R=Single Shot Recoil

B= Cyclic ROF (rpm)

C= Burst modifier depending of the in-game ROF value.

**Muzzle E modifier =**

$$\frac{\sqrt{E}}{5} - 1$$

**Single Shot Recoil, without stock:**

$$R = \frac{\sqrt{E}}{M} + A$$

For pistols divide with 2

**Burst Recoil, without stock:**

$$R * \left(\frac{B}{100}\right) * 0,3 + C$$

For pistols ie. Glock 18C, divide with 2,5

For with-stock values, divide the values with 2.

ROF	Mod.
2	-2,5
3	-1,5
4	-1
5	-0,5
10	5
50	-8
100	-5

Burst	Min Recoil	
	W/O Stock	W/ Stock
10	7	5
5	6	4
3	5	3

Round all results to nearest integer value. Do not use the rounded values in calculations

However, as this method might create too lethal weapons (ie. SMGs) due to smaller caliber and lesser Muzzle E, the recoil values also have a minimum value. See above.

### Range

Range values for all weapons have four values: Hip (and aimed) / Scoped / Bipod / Tripod.

In most cases these values follow the rules found from the rule book, but in some instances, they may vary. In example if the weapon has a very powerful integrated scope, the scoped rng value might be higher than Aimed rng + 15.

### Revolver barrel length

Almost every revolver (stated in the weapon notes) has options for different barrel lengths. Available barrel lengths are marked on weapons data card and changing the barrel has a potential effect on mass, length bulk, recoil and range.

### Mass and length

Each inch of barrel measures approximately 2,5cm (rounded for easier calculations. 1" = 2,54cm).

Each inch of barrel equals about 0,055Kg (1,94oz or 0,12lbs)

### Bulk

Remember to adjust the bulk of the gun. As a thumb rule:

Equal or over 6" barrel is BULK 2

3"-6" is BULK 1

Less than 3" BULK 0.

### Range

An inch of barrel adjusts the range by 2.

For example, a Colt Python with 3" barrel would have a range of 14 (3"-6" = -3" so the adjustment would be -3\*2 = -6 and as the range with 6" barrel is 20 so the final range for 3" barrel is 20 + ((3-6)\*2)=14).

### Recoil

Every 2" of barrel has an effect of 1 on recoil, so that 2" longer barrel equals 1 less recoil value and vice versa. Recoil value can never be less than 1.

In example, Chiappa Rhino 50DS (5" barrel) has a recoil value of 6. Changing to 3" model (30DS) it would have a recoil value of 7 (2" shorter means recoil value is added by 1).

## RECOMMENDED

### ADJUSTMENTS TO RULES:

#### Penetration:

To increase the differences of different "close-to-each-other" cartridges, a new penetration value "0-nil" is added.

If penetration is 0-nil, then the final damage value after D6 rolls is reduced by 1. Very much in the same way as if the damage value would be -1. In the case where damage value would be -1 and the penetration 0-nil, then the subtraction would be 2.

However, the final damage after the roll and subtraction is always at least 1.

#### Buckshot:

As I've introduced 3 other shotgun rounds which can be used also as a buckshot, I have also refined the buckshot rules.

#### Close range buckshot:

12 Gauge = 9D9 dam

16 Gauge = 7D6 dam

20 Gauge = 5D6 dam

28 Gauge = 3D6

#### Close range buckshot hit/miss:

Hit = full damage

Miss by 1-2 = ½ damage

Miss by 3 or more = no hit

#### Medium range buckshot:

12 Gauge = 10 burst

16 Gauge = 8 burst

20 Gauge = 8 burst

28 Gauge = 10 burst, ½ dam

# INTRODUCTION TO THE UPDATE 2.0 OF SOTMW

## Welcome

Almost immediately after the WOTMW compilation was published in December 2020, I had got a feeling that I had missed something. So I started to make a list. A list of weapons that had some importance to the buyers of the WOTMW, weapons that looked cool and I had missed them, weapons that had no importance to anyone but for some reason screamed "LET ME IN!". After 8 weeks I looked at the list and thought "Maybe I just do an update". The list was about 150 items long including only the small arms and when I finally got everything done, the end product had total 724 entries including a total 275 of new weapons. Please enjoy

## Formulas – Updated

When I finally got to a point, where I no longer needed to find new weapons for the update I realized that I need to renew the formulas. This was due to fact, that I wanted to make (even ever so slight) a difference between cartridges close to each other. This meant practically three things 1) Damage. After a careful consideration, I decided to add damage modifiers depending on the unrounded value of the base damage. 2) Recoil. Adding more factors to calculating the recoil just made sense to me. 3) Range. Instead of using the range of the primary cartridge as the range value for all alternative chamberings, I now compare the Power Factors of the alternative cartridges and gave them the range values accordingly.

So WARNING, "SCIENCE" CONTENT:

### Basic values

Start with these. It helps a lot if you use Excel or similar.

### Muzzle Energy:

$$E_k = W_{bg} * V_m^2$$

$W_{bg}$  = Bullet weight (grain)

$V_m$  = Muzzle velocity (ft/sec)

### Power Factor:

$$C = \frac{E_k}{2 * G_c * 7000}$$

$E_k$  = Muzzle Energy

$G_c$  = Dimensional constant = 32,163

### Sectional Density:

$$F = \left(\frac{W_{br}}{D_{bi}}\right) / 453,592^2$$

$W_{br}$  = Bullet weight (g)

$D_{bi}$  = Bullet diameter (in)

The 453,592 is lbs in grams.

### Damage

#### Base Damage:

$$D = \left(\frac{\sqrt{C}}{2}\right) / 9$$

#### Damage Modifier

$$E = D - \text{Remainder } D(0,25) - \text{Integer } D$$

This gives you results varying from -0,5 to 0,25. Then you compare it to this and you have your modifier (ie. 2+2):

Base Dam	Modifier
-0,5	-1
-0,25	0
0	+1
0,25	+2

### Final Damage

The final damage value is the Base Damage + Damage modifier. Ie. 2+2. This means that you roll 2D6+2 as the weapons final damage.

If you do not like this system and prefer to the original damage system, just use the Base Damage. In the weapon cards this means that you only use the first number and disregard the modifier.

### Penetration

#### Penetration modifier:

$$P_1 = \sqrt{\frac{(C^2 * F)}{100}} / 10$$

#### Penetration value:

$$P_v = \left(\left(\frac{V_m}{1000}\right)^3 + \sqrt{\frac{C}{10}}\right) * P_1$$

This decides, whether the cartridge has penetration or not. If the  $P_v$  value is over 12,8, then yes, otherwise no. The final penetration value can be found from a table on page 260.

### Recoil

#### Single Shot Recoil

#### Recoil modifier 1:

$$R_1 = (1,35 - C / 200000)$$

#### Base Recoil:

$$R_b = L_w * \left( \left( \left( \frac{V_{mk}}{1000} \right) * W_{bg} \right)^{R_1} * (12000 * W_w) \right)$$

$L_w$  = Weapon Length (cm)

$V_{mk}$  = Muzzle velocity (kft/sec)

$W_{bg}$  = Bullet weight (grain)

$W_w$  = Weapon Weight (kg)

### Final Recoil

Min wo/ stock = 2

Min w/ stock = 1

$$R_s = R_b / R_2$$

$R_2$  = Base Recoil divider:

Shotgun = 3

Pistol w  $C > 1300 = 2,2$

All others = 1

Double for W/ Stock

These formulas work for all other weapons but the ones with Power Factor over 15000. They're just too much out there and their recoil has to be manually set.

### Burst Recoil

#### Final Recoil :

$$R_{br} = R_s * \left( \frac{\sqrt{ROF_c}}{25} \right) * \sqrt{ROF_{IG}} * R_3$$

$ROF_c$  = Cyclic Rate of Fire

$ROF_{IG}$  = In-game Rate of Fire

$R_2$  = Base Recoil divider:

Pistol, Cylic >750rpm, In-game ROF 10 = 0,75

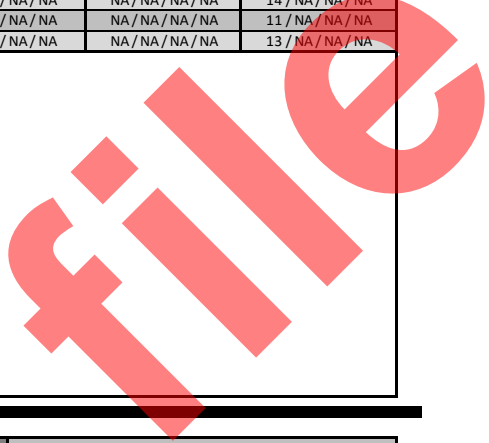
Others = 1,1

**SEMI-AUTOMATIC PISTOLS**

<b>AF-1 Strike One Combat "Strizh"</b>				<b>SEMI-AUTOMATIC PISTOL</b>		<b>COUNTRY OF ORIGIN:</b>		Russia / Italy	
<b>ACTION:</b>	SA	<b>WEIGHT:</b>	0,70kg	<b>PRICE:</b>	\$ 400,00	<b>MANUFACTURER:</b>	Arsenal Firearms		
<b>SPECIAL:</b>	NA			<b>AVAIL:</b>	S/C	<b>PRODUCED / IN-SERVICE:</b>	2012 / 2014		
<b>WITHOUT STOCK:</b>		<b>LENGTH:</b>	19cm	<b>BULK:</b>	1	<b>USERS:</b>	Russia		
<b>WITH STOCK:</b>		<b>LENGTH:</b>	NA	<b>BULK:</b>	NA	<b>ORGANIZATIONS:</b>	Military / Police		

CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	13 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA
.40 S&W	10*22mm	SA	13 / Box		2-1	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	14 / NA / NA / NA
9mm IMI	9*21mm	SA	17 / Box		1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA
.357 SIG	9*22mm	SA	10 / Box	15 / Box	1+2	0-Nil	3 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA

Designed for the Russian armed and police forces but due to some political play, the weapon lost the competition. Despite this, AF-1 has been witnessed to be used by Russian special forces. Pistol uses an unusual Bergmann action (vs Browning or tilting barrel action). The slide stays put as the horizontally moving barrel and lock does all the work. In Browning principle the barrel tilts as the slide moves and is detached from the slide. After this the slides keeps moving and the barrel stays put.



<b>Akdal Ghost TR-02</b>				<b>SEMI-AUTOMATIC PISTOL</b>		<b>COUNTRY OF ORIGIN:</b>		Turkey	
<b>ACTION:</b>	SA	<b>WEIGHT:</b>	0,75kg	<b>PRICE:</b>	\$ 400,00	<b>MANUFACTURER:</b>	Akdal Arms		
<b>SPECIAL:</b>	NA			<b>AVAIL:</b>	S/C	<b>PRODUCED / IN-SERVICE:</b>	1990 / 1991 - 2020		
<b>WITHOUT STOCK:</b>		<b>LENGTH:</b>	19cm	<b>BULK:</b>	1	<b>USERS:</b>	Turkey		
<b>WITH STOCK:</b>		<b>LENGTH:</b>	NA	<b>BULK:</b>	NA	<b>ORGANIZATIONS:</b>	Military / Police		

CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	15 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	7 / NA / NA / NA

Intended for law enforcement and other police forces. Has many similarities with the Glock 17. TR02 is an improved model of the TR01 pistol. The Yavuz 16 (a Turkish clone of the Beretta M92F) replaced the TR-02 as the standard service sidearm of the Turkish military in 2020.



<b>AMT Automag-Series</b>				<b>SEMI-AUTOMATIC PISTOL</b>		<b>COUNTRY OF ORIGIN:</b>		USA	
<b>ACTION:</b>	SA	<b>WEIGHT:</b>	1,22kg	<b>PRICE:</b>	\$ 3 000,00	<b>MANUFACTURER:</b>	Arcadia Machine & Tools (AMT)		
<b>SPECIAL:</b>	NA			<b>AVAIL:</b>	-/-	<b>PRODUCED / IN-SERVICE:</b>	1993 - 1995 / -		
<b>WITHOUT STOCK:</b>		<b>LENGTH:</b>	27cm	<b>BULK:</b>	1	<b>USERS:</b>	NA		
<b>WITH STOCK:</b>		<b>LENGTH:</b>	NA	<b>BULK:</b>	NA	<b>ORGANIZATIONS:</b>	Civilian		

CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
.22 Magnum	5,7*26,8mm	SA	10 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA
.30 Carbine Pistol	7,62*33mm	SA	9 / Box		1+2	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA
.45 Win Mag	11,5*30mm	SA	8 / Box		2-1	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA
.50 AE	12,7*33mm	SA	5 / Box	6 / Box	3-1	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA

Built in considerably limited numbers. Designed by Harry Sanford, who also designed the original AutoMag pistol.  
Mk II : .22 Magnum  
Mk III : .30 Carbine Pistol  
Mk IV : .45 Win Mag  
Mk V : .50 AE



-----SEMI-AUTOMATIC PISTOLS-----

AMT Baby AutoMag				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA	
ACTION:	SA	WEIGHT:	1,20kg	PRICE:	\$ 1 500,00	MANUFACTURER:		Arcadia Machine & Tools (AMT)	
SPECIAL:	NA			AVAIL:	R/-	PRODUCED / IN-SERVICE:		1985 - 1985 / -	
WITHOUT STOCK:		LENGTH:	29cm	BULK:	1	USERS:		NA	
WITH STOCK:		LENGTH:	NA	BULK:	NA	ORGANIZATIONS:		Civilian	

CARTRIDGE	SIZE	ROF	MAGAZINES	DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
.22 LR	5,7*15mm	SA	14 / Box	1-1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA

A reproduction variant of the original AutoMag pistol in smaller .22 caliber.

Only 1000 of these were ever made and Baby AutoMag is considered rare as hen's teeth.



AMT Hardballer Longslide				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA	
ACTION:	SA	WEIGHT:	1,31kg	PRICE:	\$ 600,00	MANUFACTURER:		Arcadia Machine & Tools (AMT)	
SPECIAL:	NA			AVAIL:	R/R	PRODUCED / IN-SERVICE:		1997 - 2002 / -	
WITHOUT STOCK:		LENGTH:	27cm	BULK:	1	USERS:		NA	
WITH STOCK:		LENGTH:	NA	BULK:	NA	ORGANIZATIONS:		Civilian	

CARTRIDGE	SIZE	ROF	MAGAZINES	DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
.45 ACP	11,43*23mm	SA	7 / Box	2	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	14 / NA / NA / NA
.40 S&W	10*22mm	SA	9 / Box	2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA
10mm Auto	10*25mm	SA	10 / Box	2+1	1-Nil	5 / NA / NA / NA	NA / NA / NA / NA	15 / NA / NA / NA
.400 Corbon	10*23mm	SA	10 / Box	1+2	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA

Based on Colt M1911.

The one presented here is the long slide model which was seen in the movie THE TERMINATOR (1984) and in the video game series THE HITMAN as Agent 47's standard sidearm.

Longslide model has (as the name implies), a considerably longer slide. This results in longer range, better accuracy and lesser recoil as well as bulkier construct and a slightly awkward appearance.



Arex REX Zero 1T				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Slovenia	
ACTION:	SA	WEIGHT:	0,81kg	PRICE:	\$ 350,00	MANUFACTURER:		AREX Defense	
SPECIAL:	NA			AVAIL:	S/C	PRODUCED / IN-SERVICE:		2012 / -	
WITHOUT STOCK:		LENGTH:	19cm	BULK:	1	USERS:		Slovenia	
WITH STOCK:		LENGTH:	NA	BULK:	NA	ORGANIZATIONS:		Police / Civilian	

CARTRIDGE	SIZE	ROF	MAGAZINES	DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	17 / Box	1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	15 / NA / NA / NA
.40 S&W	10*22mm	SA	17 / Box	2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	17 / NA / NA / NA
.32 ACP	7,8*17,3mm	SA	17 / Box	1-1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	14 / NA / NA / NA

A Slovenian pistol which was intended for law enforcement. The T-Model (Tactical) has a threaded barrel and the sights are designed for an add-on suppressor.



-----SEMI-AUTOMATIC PISTOLS-----

Arsenal Firearms AF2011-A1				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	1,85kg	PRICE:	\$ 800,00	MANUFACTURER:		Arsenal Firearms		
SPECIAL	No Att, 2 rnds per shot. Values for 1 shot.	AVAIL.	S/S	PRODUCED / IN-SERVICE:		2011 / -		USERS:		
WITHOUT STOCK:	LENGTH:	22cm	BULK:	1	ORGANIZATIONS:		Civilian			
WITH STOCK:	LENGTH:	NA	BULK:	NA						
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
.45 ACP	11,43*23mm	SA	16 / Box		4	2-Nil	4 / NA / NA / NA	NA / NA / NA / NA	15 / NA / NA / NA	

A peculiar two barreled version of the Colt M1911. The gun has only one trigger which fires both barrels at the same time. Only one to-hit roll, but two bullets are reduced from magazine. Dam-value is for one shot (two bullets). The weapon is loaded using two magazines of 8 which are locked together from the bottom.



ASP 9				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA		
ACTION:	SA	WEIGHT:	0,68kg	PRICE:	\$ 250,00	MANUFACTURER:		Armament Systems and Procedures		
SPECIAL	NA	AVAIL.	R/-	PRODUCED / IN-SERVICE:		1970 - 1987 / -		USERS:		
WITHOUT STOCK:	LENGTH:	16cm	BULK:	1	ORGANIZATIONS:		Civilian			
WITH STOCK:	LENGTH:	NA	BULK:	NA						
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
9mmP	9*19mm	SA	7 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA	

ASP is based on S&W Model 39. It features a transparent Lexan grip which allows the shooter to see how much ammo is left in the magazine. ASP pistol was a predecessor of the modern concealable handguns.



ASP 2000				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA		
ACTION:	SA	WEIGHT:	0,75kg	PRICE:	\$ 300,00	MANUFACTURER:		Seventress Ltd		
SPECIAL	NA	AVAIL.	C/S	PRODUCED / IN-SERVICE:		2002 - 2007 / -		USERS:		
WITHOUT STOCK:	LENGTH:	17cm	BULK:	1	ORGANIZATIONS:		Civilian			
WITH STOCK:	LENGTH:	NA	BULK:	NA						
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
9mmP	9*19mm	SA	7 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA	

A modern remake of the original ASP pistol designed by Paris Theodore. The design was based on the original drawings of the ASP Pistol. Few modern features were introduced such as an ambidexterous grip. ASP 2000 is actually a converted S&W Model 3919 rather than a weapon based on it.



S&W Model 3913



-----SEMI-AUTOMATIC PISTOLS-----

Astra A-70				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Spain		
ACTION:	SA	WEIGHT:	0,84kg	PRICE:	\$ 280,00	MANUFACTURER:		Astra-Unceta y Cia SA		
SPECIAL:	NA			AVAIL:	S/S	PRODUCED / IN-SERVICE:		1991 - 1994 / 1991		
WITHOUT STOCK:	LENGTH:		18cm	BULK:	1	USERS:		Spain		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
9mmP	9*19mm	SA	8 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA		10 / NA / NA / NA
.40 S&W	10*22mm	SA	7 / Box		2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA		11 / NA / NA / NA

Concealable backup pistol designed as a more powerful option for the Astra Constable.  
Highly reliable pistol with three independent safety mechanisms: Firing pin safety, manual safety lever and a hammer safety.  
Astra went bankrupt around the same time as its domestic competitor Star in 1997. A new company ASTAR (Astra-Star) was founded by their former employees, but the new company also died quite fast without any significant impact.



Astra A-100				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Spain		
ACTION:	SA	WEIGHT:	0,99kg	PRICE:	\$ 320,00	MANUFACTURER:		Astra-Unceta y Cia SA		
SPECIAL:	NA			AVAIL:	S/R	PRODUCED / IN-SERVICE:		1990 - 1996 / 1992		
WITHOUT STOCK:	LENGTH:		18cm	BULK:	1	USERS:		Spain, Lebanon		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Military / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
9mmP	9*19mm	SA	17 / Box		1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA		12 / NA / NA / NA
.40 S&W	10*22mm	SA	13 / Box		2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA		13 / NA / NA / NA
.45 ACP	11,43*23mm	SA	9 / Box		2	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA		14 / NA / NA / NA

The original design was based on SIG P220. A-100 is an improved model of earlier A-80 and A-90 pistols  
As most of the Spanish-made pistols also the A-100 is steel-framed and hence slightly heavier than its aluminum- and polymer-made counterparts.  
A-series pistols were intended for Spanish military but were never officially adopted.



Auto Mag				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA		
ACTION:	SA	WEIGHT:	1,62kg	PRICE:	\$ 4 000,00	MANUFACTURER:		Auto Mag Corporation / Harry Sanford & Max Gera		
SPECIAL:	NA			AVAIL:	R/-	PRODUCED / IN-SERVICE:		1966 - 1971 & 2017 / -		
WITHOUT STOCK:	LENGTH:		29cm	BULK:	1	USERS:		NA		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES		DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE	
.44 Magnum	10,9*33mm	SA	7 / Box		3	1-2-Nil	4 / NA / NA / NA	NA / NA / NA / NA		15 / NA / NA / NA
.357 Magnum	9,1*23mm	SA	7 / Box		2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA		14 / NA / NA / NA
.41 AE	10,4*22mm	SA	7 / Box		1+2	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA		12 / NA / NA / NA
.44 AMP	10,74*33mm	SA	7 / Box		3	1-2-Nil	4 / NA / NA / NA	NA / NA / NA / NA		17 / NA / NA / NA

The first .44 cal. semi-automatic pistol. Production numbers were very limited.  
The Automag cartridge was made by shortening the .308 Winchester rifle cartridge.  
Clint Eastwood (as "Dirty Harry" Callahan) used the Auto Mag in the movie SUDDEN IMPACT.



-----SEMI-AUTOMATIC PISTOLS-----

Beretta 90-Two Type-F				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	0,91kg	PRICE:	\$ 400,00	MANUFACTURER:		Fabbrica d'Armi Pietro Beretta		
SPECIAL:	NA			AVAIL:	V/V	PRODUCED / IN-SERVICE:		2006 - 2012 / 2008		
WITHOUT STOCK:	LENGTH:		22cm	BULK:	1	USERS:		Unknown		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Military / Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	10 / Box	15 / Box	17 / Box	1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA
9mm IMI	9*21mm	SA	15 / Box			1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA
.40 S&W	10*22mm	SA	10 / Box	12 / Box		2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA

Based on the Beretta 92. Was designed to be an improved version of it with several new mechanical features which brought the 92-series to the 21st century.  
Was replaced by the 92A1 in 2010 and by 92X in 2019.  
The Type F featured a DA/SA trigger, a manual safety which also acted as the hammer decocker.



Beretta 92X				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	1,35kg	PRICE:	\$ 350,00	MANUFACTURER:		Fabbrica d'Armi Pietro Beretta		
SPECIAL:	NA			AVAIL:	V/C	PRODUCED / IN-SERVICE:		1976 / 1976		
WITHOUT STOCK:	LENGTH:		22cm	BULK:	1	USERS:		All most all the countries in the world		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Military / Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	10 / Box	15 / Box	20 / Box	1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	15 / NA / NA / NA
.40 S&W	10*22mm	SA	10 / Box	12 / Box	15 / Box	2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	17 / NA / NA / NA

Based on several weapons of the 70s. One of the most used and the best known firearms in the world. A modified variant of the Model 92F was adopted by the US military designated as the M9.  
The Model X was introduced in 2019 and it's the latest version of the 92-pistol.



Beretta APX Combat				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	0,77kg	PRICE:	\$ 400,00	MANUFACTURER:		Fabbrica d'Armi Pietro Beretta		
SPECIAL:	NA			AVAIL:	C/S	PRODUCED / IN-SERVICE:		2016 / 2016		
WITHOUT STOCK:	LENGTH:		19cm	BULK:	1	USERS:		Italy, France Poland, Albania, USA		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	10 / Box	15 / Box	17 / Box	1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA
.40 S&W	10*22mm	SA	18 / Box			2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA
9mm IMI	9*21mm	SA	22 / Box	17 / Box	15 / Box	1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA

Participated in the US military XM17 pistol competition, but lost it to the SIG P320 pistol. Was intended to replace the M9 as the standard sidearm of US military forces.  
In US used by few police departments. The combat model has a threaded barrel and a mounting plate for attaching an optical sight.



-----SEMI-AUTOMATIC PISTOLS-----

Beretta P4X Storm				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	0,79kg	PRICE:	\$ 350,00	MANUFACTURER:		Fabbrica d'Armi Pietro Beretta		
SPECIAL:	NA			AVAIL:	C/C	PRODUCED / IN-SERVICE:		2004 / 2004		
WITHOUT STOCK:	LENGTH:		19cm	BULK:	1	USERS:		Several countries around the world		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	15 / Box	17 / Box	20 / Box	1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA
.40 S&W	10*22mm	SA	14 / Box	20 / Box		2-1	1-Nil	3 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA
.45 ACP	11,43*23mm	SA	9 / Box	14 / Box		2	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA

Based on the Beretta 92.  
A compact model with a polymer-construct. Intended to be used by law enforcement as a backup weapon. Designed in such a way that the weapon is practically impossible to assemble incorrectly in the field situations. Several different variants have been made. Differences in the game stats are non-existing.

**Full Frame:** Featured here  
**Special Duty (2006):** Full Frame, .45 ACP - 9/10 mag, Longer threaded barrel. 20cm, 0,81kg.  
**Compact:** 9mmP - 15/17/20 Mag / .40S&W - 12/14/17 Mag, 0,77kg, 17cm, *RGB:8*  
**Compact Carry (2016):** 9mmP - 15/17/20 Mag, 0,75kg, 17cm, *RGB:9*  
**Sub-Compact:** 9mmP - 10/14/17 Mag / .40S&W 10/4/17, ambidexterous, 16cm, 0,72kg. *BLK 0, SS RECOIL 9mmP: 5 / .40SW: 7, RGB:7*



Bernadelli P-018				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		Italy		
ACTION:	SA	WEIGHT:	1,00kg	PRICE:	\$ 350,00	MANUFACTURER:		Vincenzo Bernardelli SpA		
SPECIAL:	NA			AVAIL:	C/S	PRODUCED / IN-SERVICE:		1986 - 1995 / -		
WITHOUT STOCK:	LENGTH:		21cm	BULK:	1	USERS:		Italy		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Military / Police		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
9mmP	9*19mm	SA	16 / Box			1	0-Nil	2 / NA / NA / NA	NA / NA / NA / NA	13 / NA / NA / NA
7.65mmP	7,65*21mm	SA	18 / Box			1-1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA
.38 ACP	9*23mm	SA	16 / Box			1	Nil	2 / NA / NA / NA	NA / NA / NA / NA	12 / NA / NA / NA

An Italian semi-automatic pistol intended for the Italian military and police. The pistol is machined from steel as it results strong and reliable finish.

Also a compact model was produced (P-018C). Another variant is the P-020 which was intended for competitive shooting and chambered in 7.65mmP.



Bren Ten				SEMI-AUTOMATIC PISTOL		COUNTRY OF ORIGIN:		USA		
ACTION:	SA	WEIGHT:	1,10kg	PRICE:	\$ 420,00	MANUFACTURER:		Dornaus & Dixon ENT Inc. / Vitor Weapons Systems		
SPECIAL:	NA			AVAIL:	S/R	PRODUCED / IN-SERVICE:		1983 - 1986 & 2018 / -		
WITHOUT STOCK:	LENGTH:		22cm	BULK:	1	USERS:		USA		
WITH STOCK:	LENGTH:		NA	BULK:	NA	ORGANIZATIONS:		Military / Police / Civilian		
CARTRIDGE	SIZE	ROF	MAGAZINES			DAM	PEN	RECOIL / SINGLE SHOT	RECOIL / BURST	RANGE
10mm Auto	10*25mm	SA	8 / Box			2+1	1-Nil	5 / NA / NA / NA	NA / NA / NA / NA	11 / NA / NA / NA
.45 ACP	11,43*23mm	SA	10 / Box			2	1-Nil	4 / NA / NA / NA	NA / NA / NA / NA	10 / NA / NA / NA

Originally produced in 10mm Auto. Bren Ten has many similarities with CZ-75, but is larger and stronger. Only small numbers were produced before the manufacturer went bankrupt. In 2008 an effort for remake was started.

Bren Ten was the weapon of choice of Don Johnson's character Sonny Crocket in the original tv-series MIAMI VICE during seasons 1 and 2. In later seasons it was replaced by a S&W Model 4500 series pistol.

