

# TRIPLES

## Ballistic Evolution



More Guns from the  
Edge of Tomorrow

*M Jason Parent*



Requires the use of the d20 Modern(tm) Roleplaying Game, published by Wizards of the Coast, Inc.

BLACKHAMMER FIREARMS

## BlackHammer Firearms 3

# Ballistic Evolution

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This is the third volume in the BlackHammer Firearms series. This volume is dedicated to the evolution of modern 20<sup>th</sup> Century firearms during the years leading up to Progress Level 6. The firearms detailed in this volume are military weapons developed between 2010 and 2035, but all trace their lineage to 20<sup>th</sup> Century models and designs. The two Heckler & Koch designs trace their lineage to the venerable MP-5 submachine guns – probably the most widely recognized and famous submachine guns of their era, rivaled only by the Israeli Uzi. The Swansong Uzis are custom retrofits of old Uzis,

rebuilt from the ground up to increase the usability of these venerable submachine guns. The Tulov Insurgent shares obvious ancestry with the American M-16 / Colt AR-15 line of assault rifles, although it is an unlicensed alternate design of these same rifles. Finally, the Dragunov PIR is a recently improved and upgraded version of the Dragunov series, with many similarities to the turn of the Century Dragunov SVU, which was in turn a radical redesign of the classic Dragunov SVD, one of the world’s best known sniper rifles.

Throughout this volume, several alternate ammunition types are discussed for these firearms. These new rounds have been detailed (or will be detailed) in other BlackHammer Firearms releases. The basic rules for the rounds are included in this volume, however, so these additional volumes are not required to use the guns in this volume.

The guns in this book are written from the point of view of a 2037 consumer. The setting of New Tribes in 2037 is just past the verge of Progress Level 6, with most firearms technology still in the advanced stages of Progress Level 5. This makes most of these guns fully useable in any near-future campaign or even a state-of-the-art modern setting with Progress Level 5 weaponry. All the weapons in this edition of BlackHammer Firearms are conventional firearms, firing lead or other high-density ballistic slugs propelled by a gunpowder explosion in the firing chamber. If converting these weapons to a game using a Wound Point / Vitality Point system instead of the standard hit point system, increase the damages of all firearms by 1 die of the appropriate type (from 2d6 to 3d6, and so on).

## Heckler & Koch BMP9 Submachine Guns

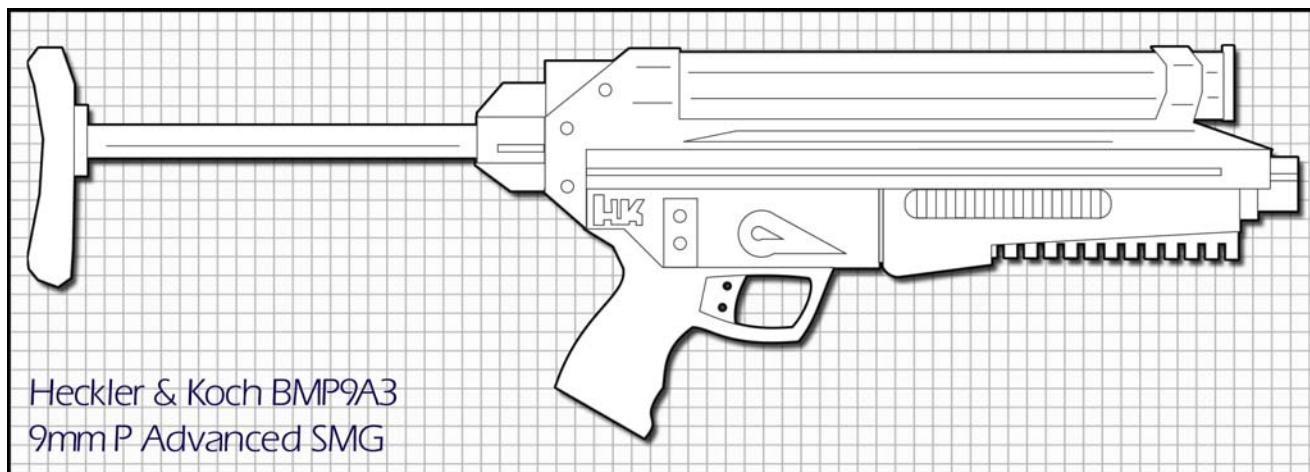
Heckler & Koch is one of the best-known firearms manufacturers of the 20<sup>th</sup> and 21<sup>st</sup> Centuries, with their most visible weapons being the MP-5 line of submachine guns used by antiterrorist forces world-wide and made famous initially by the SAS.

At the turn of the millennium, Heckler & Koch began working on alternate designs to supplement the MP-5 submachine gun line. The first to enter production was the UMP line of polymer subguns that use a standard blowback design instead of the more complex and expensive roller-lock design of the MP-5 series.

Concurrent development with the UMP line was the BMP line, using a variation on the high-capacity helical 9mm magazines first introduced by Calico. The BMP9 series use a smaller version of these wound helical magazines (holding 42 9mm P rounds) mounted above the gun assembly and reaching forward instead of behind the receiver like the Calicos. The rounds are fed into the magazine tip-forward, and once full, the magazine spring is tightened. When the gun is fired, a new round cycles into the action from above, as the magazine unwinds.

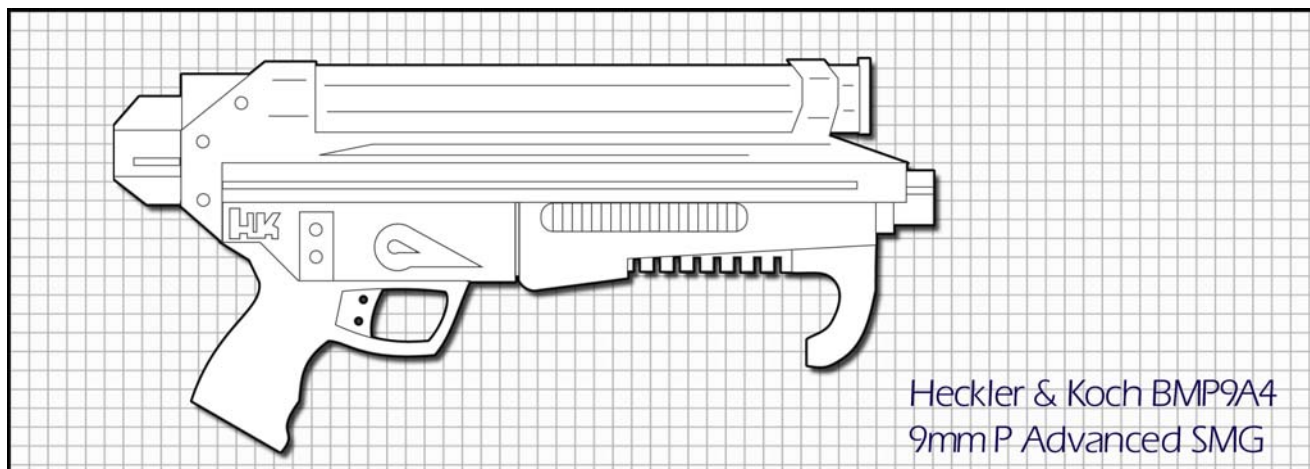
The helical magazine allows the BMP9 to combine a large ammunition capacity with a slim overall design with a fairly low silhouette. The top feeding mechanism, ejecting spent casings directly downwards through an ejection port on the bottom of the receiver, allows for truly ambidextrous action without requiring the user to change the direction of the ejection port based on handedness. The BMP9 action is the H&K classic blowback operated two part, roller delayed blowback bolt system developed after World War II and perfected in the Heckler & Koch MP-5 and G-3 series.

The BMP9 was developed concurrently with the UMP and the MP10 series, but final development was delayed until 2007 to avoid competition with the less expensive and less complex UMP series. The BMP9 was made available in 5 configurations and 4 calibers, but none of these models was adopted by any military, state security or major private enterprises. In the end, the BMP9 and variants were discontinued in 2022 after 15 years of very slow sales. In all, there are no more than 12,000 of these guns in the world today, half of which are in the hands of minor security and police forces in



Heckler & Koch BMP9A3  
9mm P Advanced SMG

# NEW TRIBES



Heckler & Koch BMP9A4  
9mm P Advanced SMG

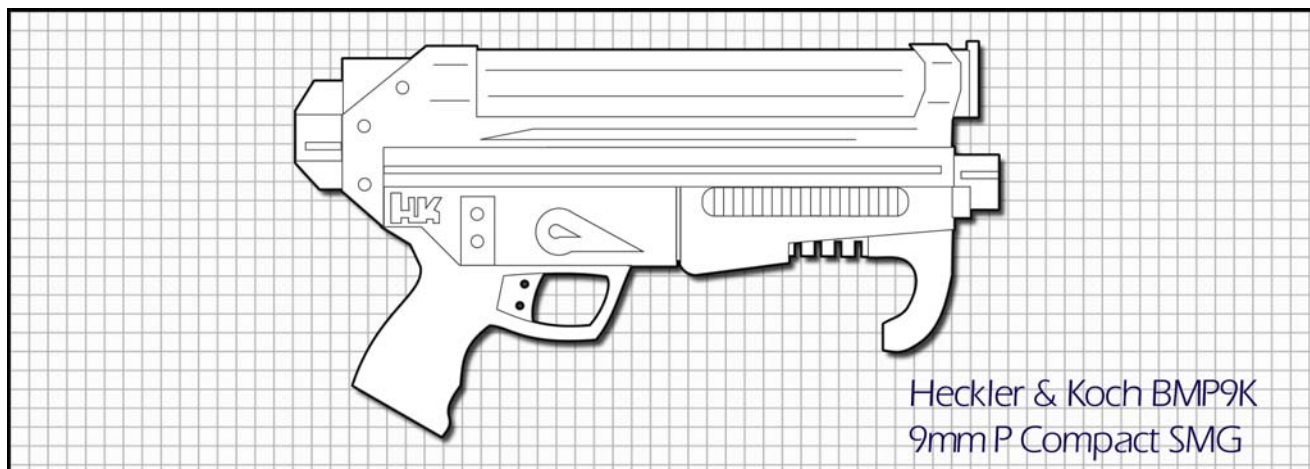
obscure corners of the world such as Lesotho and Oregon.

The BMP models are numbered in two sequences with the letter A between them such as BMP9A3. The first number after the BMP indicates the caliber of the weapon, either 9 (9mm P), 10 (10mm ACP), 40 (.40 S&W), or 357 (.357 SIG). The digit after the A indicates the specific design of the model. The A1 models use a solid-style polymer rifle stock and are

considered the most accurate model because of the stability this provides. The A2 models use a stock that folds to the side of the firearm when not in use, however these side-folding stocks have to be deployed in order to handle the gun properly, as they get in the way of the pistol grip and trigger if left folded. The A3 models (shown above) use a sliding pipe stock design that slides into the outer frame of the gun, making it more difficult to extend or retract, but allowing the gun to be used properly even with the stock

Weapon	Damage	Crit	Type	Range	ROF	Mag	Size	Wt	Cost	Res
H&K BMP9A1 9mm	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	7 lb.	20	Res (+2)
H&K BMP9A2 9mm	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	6 lb.	20	Res (+2)
H&K BMP9A3 9mm	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	6 lb.	20	Res (+2)
H&K BMP9A4 9mm	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	5 lb.	20	Res (+2)
H&K BMP9K 9mm	2d6	20	Ballistic	40 ft.	S, A	34 box	Medium	4 lb.	20	Res (+2)
H&K BMP10A1 10mm	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	7 lb.	21	Res (+2)
H&K BMP10A2 10mm	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	6 lb.	21	Res (+2)
H&K BMP10A3 10mm	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	6 lb.	21	Res (+2)
H&K BMP10A4 10mm	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	5 lb.	21	Res (+2)
H&K BMP10K 10mm	2d6	20	Ballistic	50 ft.	S, A	34 box	Medium	4 lb.	21	Res (+2)
H&K BMP40A1 .40S&W	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	7 lb.	20	Res (+2)
H&K BMP40A2 .40S&W	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	6 lb.	20	Res (+2)
H&K BMP40A3 .40S&W	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	6 lb.	20	Res (+2)
H&K BMP40A4 .40S&W	2d6	20	Ballistic	50 ft.	S, A	42 box	Large	5 lb.	20	Res (+2)
H&K BMP40K .40S&W	2d6	20	Ballistic	40 ft.	S, A	34 box	Medium	4 lb.	20	Res (+2)
H&K BMP357A1 .357 SIG	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	7 lb.	21	Res (+2)
H&K BMP357A2 .357 SIG	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	6 lb.	21	Res (+2)
H&K BMP357A3 .357 SIG	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	6 lb.	21	Res (+2)
H&K BMP357A4 .357 SIG	2d6	20	Ballistic	60 ft.	S, A	42 box	Large	5 lb.	21	Res (+2)
H&K BMP357K .357 SIG	2d6	20	Ballistic	50 ft.	S, A	34 box	Medium	4 lb.	21	Res (+2)
H&K BMP65K 6.5 SO-2	2d6	20	Ballistic	50 ft.	S, A	34 box	Medium	4 lb.	23	Res (+2)

# NEW TRIBES



Heckler & Koch BMP9K  
9mm P Compact SMG

retracted. The A4 models do away with the stock entirely and add a thumb hook to the foregrip for added stability. These are the rarest model of the BMP line because they lack the accuracy of the other models, and are not as short as the K series. Finally, the BMP-K series are also stockless models, but the length of the frame, barrel and magazine have all been shortened from the standard 21 inch length of the BMP-A series to 17 inches, and the shortened foregrip also bears the thumb hook design of the A4.

A very limited run of BMP-K's were produced in the new 6.5 Special Operations round just before the line was retired in 2022. Only a couple of hundred of these were released before the entire line was discontinued. The high initial price combined with the rarity of the weapon makes this model extremely expensive for collectors now.

**d20 rules:** All BMP models have three-round burst settings. When used with the Burst Fire feat, any of these weapons fires only three bullets instead of five and can be used with only three bullets in the weapon. The setting does not grant the ability to make burst fire attacks without the Burst Fire feat; if you use the setting without the feat, you make a normal attack, and the extra two bullets are wasted. Several weapons in this series – specifically the A1, A2 and A3 models – are always considered mastercraft weapons. As such, they each grant a +1 bonus on attack rolls. The A4 and K models are not considered mastercraft weapons. A4 models grant a +2 circumstance bonus on Sleight of Hand checks made to conceal the weapon. K models can be fired one-handed, but the firer takes a -1 penalty on all attack rolls.

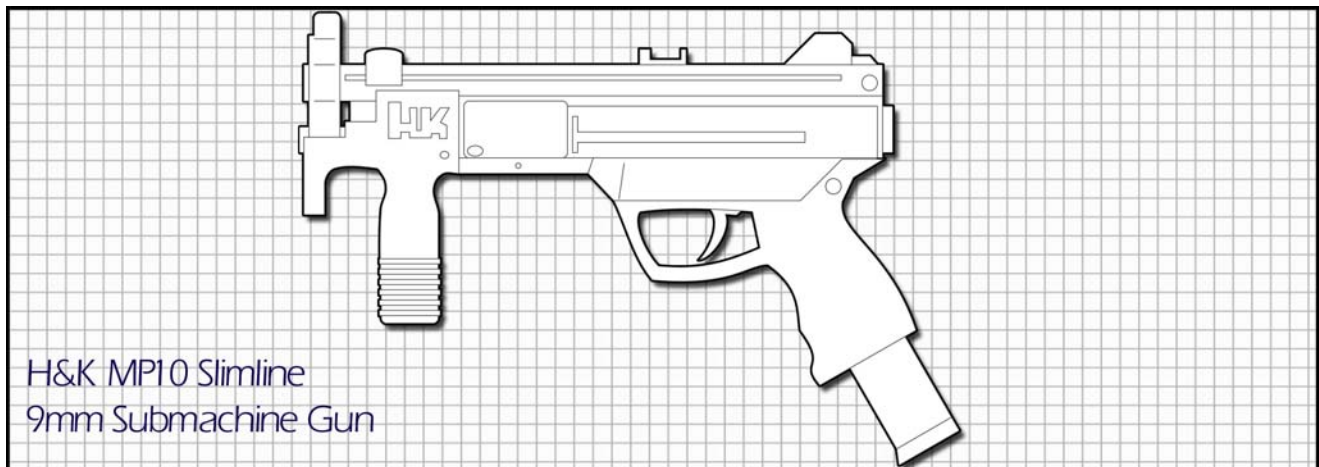
## Heckler & Koch MP10 'Slimline' Submachine Guns

Another weapon developed simultaneously with the blowback UMP series of submachine guns. The MP10 continues to use the expensive and accurate roller-lock design of the MP-5 line instead of the much cheaper blowback operation of the UMP series. As with the BMP series, the MP10 was held back from production until 2008 in order to avoid competition with the lower cost UMP series. Only once the UMP was well-established in the paramilitary market was the MP10 announced and released.

The MP10 uses the familiar roller-lock operation of the MP-5, but combines it with a pistol-grip magazine well instead of the traditional placement of the MP-5 magazines in front of the grip assembly. This makes feeding a magazine into the gun easier and simpler in low lighting situations as well as for those not well-trained in the weapon's use. The benefit of a pistol grip magazine well is that a new magazine can be inserted with a quick 'fist-to-fist' motion. To this end, the magazine well is flared at the bottom, making feeding of a new box magazine even

easier. Unlike the Heckler & Koch PDWs, however, the MP10 uses an angled magazine feed. This allows the weapon to keep the tell-tale lines of the classic MP-5 series. This also provides a further complication in feeding the ammunition into the chamber cleanly and without significant misfeeds. In order to achieve this, the magazines of the MP10 series are a special trademarked design that flips the round upwards as it feeds it up and forward into the chamber. This makes the feed system operate smoothly as new magazines are stripped from the magazine between shots.

The overall design of the MP10 is very similar to the MP5K, with a short forestock mated to a forward grip to control the weapon in autofire, the preferred role for the gun. In addition, a finger-guard has been mounted just before the forward grip to prevent users from slipping a finger over the barrel – a problem noted with the original MP5K submachine guns, particularly the very short PDW series. The carbon-fiber polymer forestock is embossed and emblazoned



H&K MP10 Slimline  
9mm Submachine Gun

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Weapon	Damage	Crit	Type	Range	ROF	Mag	Size	Wt	Cost	Res
H&K MP10 Slimline 9mmP	2d6	20	Ballistic	40 ft.	S, A	30 box	Medium	4 lb.	20	Res (+2)
H&K MP10 Slimline .40 S&W	2d6	20	Ballistic	40 ft.	S, A	30 box	Medium	4 lb.	20	Res (+2)
H&K MP10 Slimline .357 SIG	2d6	20	Ballistic	50 ft.	S, A	30 box	Medium	4 lb.	21	Res (+2)
H&K MP10K Mini 9mmP	2d6	20	Ballistic	30 ft.	S, A	15 box	Medium	3 lb.	20	Res (+2)
H&K MP10K Mini .40 S&W	2d6	20	Ballistic	30 ft.	S, A	15 box	Medium	3 lb.	20	Res (+2)
H&K MP10K Mini .357 SIG	2d6	20	Ballistic	40 ft.	S, A	15 box	Medium	3 lb.	21	Res (+2)

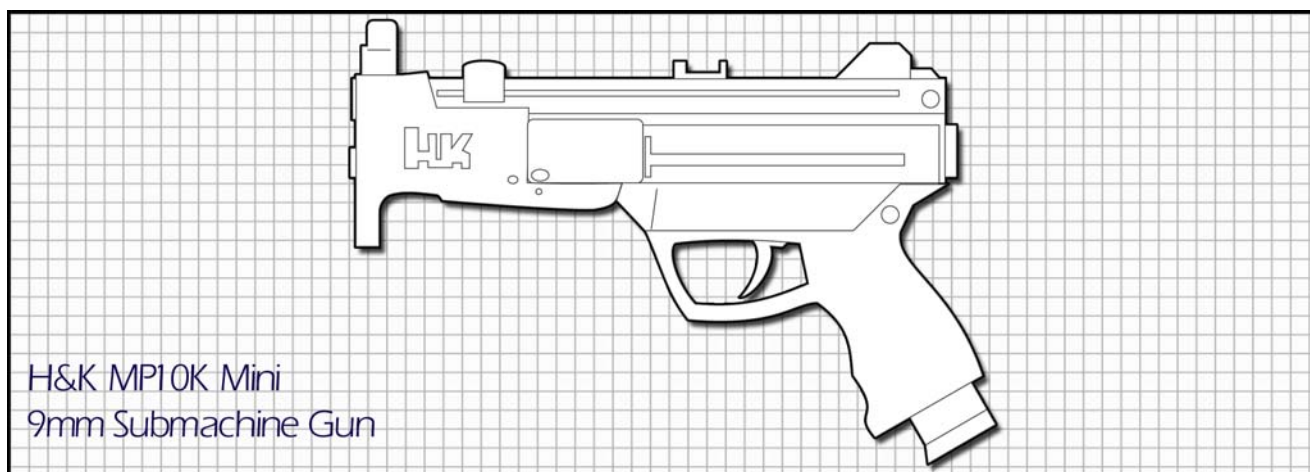
with the Heckler & Koch logo in a strong red colour. The red colouration of the polymer can be replaced with black by special order for authorized military organizations exclusively.

Because the major changes in design are handled by the magazine instead of the internal workings of the gun, the internal design of the MP10 is very similar to the earlier MP-5 guns. The roller-lock assembly is sturdy, accurate and very tough, if expensive. The bolt and assembly have been lightened and shorted with modern alloys to allow for a shortened overall action with the feed entering in further back in the weapon body.

Unlike the BMP, the MP10 was initially released only in a 9mmP chambering in 2008. However, the familiar design and small size of the MP10 provided for some brisk sales initially, especially among bodyguards and security forces. The comfort with the roller-lock design made many companies look to the MP10

instead of the blowback UMPs. Finally, the 9mm chambering made the weapon more popular in Europe where the .45 ACP was not as venerated as in America. In an attempt to break into the American markets, the MP10 was taken back to the design stage to look at .45 ACP chamberings. Immediately in 2011, models were made available in those calibers easily converted to from 9mm - .40 S&W and .357 SIG. However, in the end, no .45 ACP version was produced by Heckler & Koch, and the extended UMP series remains the H&K's primary offering in that chambering.

However, a new design of the MP10 did come from the H&K drawing boards in 2013. The MP10K Mini further shortens the length of the firearm, reducing the barrel and gas exchange by a further inch, bringing the gun down to the length of a heavy handgun. Further, the forward grip has been removed and replaced with a fully-wrapping polymer foregrip (once again with the red emblazoned Heckler &



# HELLFRIBES

Koch logo). Although original designs eliminated the finger guard on this forestock, within the first year of production the finger guard returned after several security agents removed one or more fingertips while using the gun in action or even in training. Finally, the MP10K Mini uses a shorter box magazine, making the entire gun only slightly larger than a high-capacity .45 automatic, while remaining capable of automatic fire.

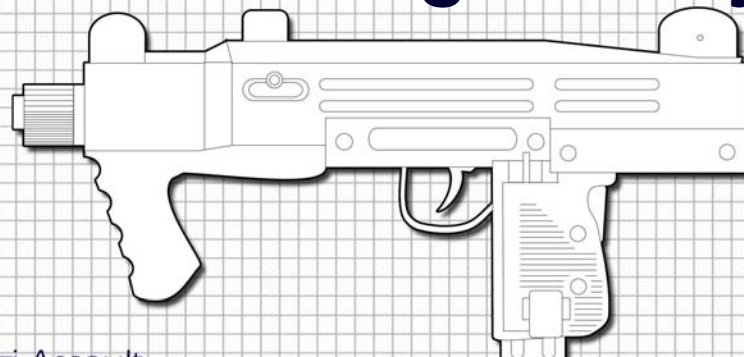
Unlike a true machine pistol, the MP10K Mini still has many protrusions and snags that identify it as a reduced submachine gun. These make it difficult to conceal the gun in a quick-draw holster because it tends to snag when drawn. Thus Heckler & Koch licensed several manufacturers to produce nylon quick-draw holsters that handle the weapon well with minimal snagging or difficulties in drawing.

The MP10 Slimline sees use with security forces worldwide, but has significantly less paramilitary sales than the UMP series. Sales have been stronger in Europe and South East Asia than in the American theatres. However, the MP10K Mini has seen smaller sales figures worldwide, but these sales are fairly uniform in the various theatres, with sales to special security forces in embassies, corporations and private security forces worldwide.

d20 Rules: All MP10 models have three-round burst settings. When used with the Burst Fire feat, any of these weapons fires only three bullets instead of five and can be used with only three bullets in the weapon. The setting does not grant the ability to make burst fire attacks without the Burst Fire feat; if you use the setting without the feat, you make a normal attack, and the extra two bullets are wasted. MP10K Minis grant a +2 circumstance bonus on Sleight of Hand checks made to conceal the weapon. Both models can be fired one-handed, but the firer takes a -1 penalty on all attack rolls.



## The SwanSong Armory Uzis



SwanSong Uzi Assault  
9mm Submachine Gun

The IMI Uzi is one of the most ubiquitous submachine guns in history, with hundreds of imitators and nearly as many legitimate licensees in the world. Israeli Military Industries first developed the Uzi for the Israeli army in the 1950s, but it has seen use by police, security and military units worldwide, even in large gun-manufacturing countries like Germany where it was the official weapon of the German border patrol for years.

The Uzi's design is tough and reliable, using a hollow bolt blowback operation to keep the frame and action short as well as reducing recoil to controllable levels in autofire. The base design of the Uzi, manufactured in Israel or abroad, is a select-fire submachine gun with the magazine feeding in through the enlarged pistol grip. This design gives the gun a short overall length, but limits the size of the ammunition that can be used as larger rounds would make the pistol grip too large to handle comfortably.

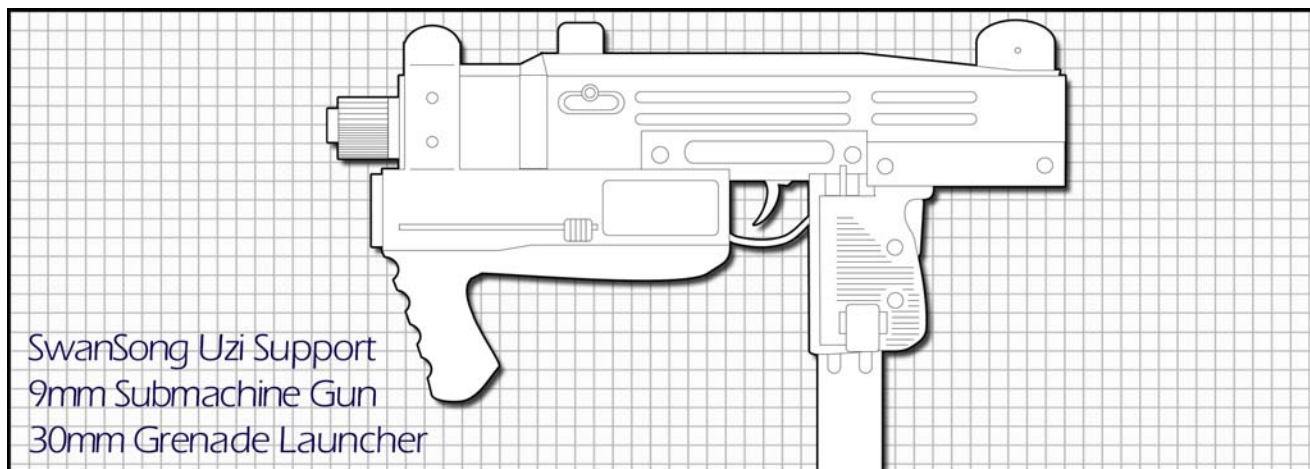
Although IMI (Israeli Military Industries) ceased production of the Uzi proper in 2016, several other companies around the world are still manufacturing licensed models. The SwanSong Armory, in Mexico City, is not one of these, however. The SwanSong Armory specializes in refinishing, adjusting and retrofitting Uzis and other subguns. They mass-produce and purchase the necessary parts to rebuild

Uzis up to 80 years old to work with state of the art ammunition and internal mechanisms. The rebuild is

extensive, actually shortening the entire Uzi action, switching to an even lighter ceramic alloy hollow bolt with superior heat-displacement capabilities. The barrel is typically replaced with a new alloy or ceramic alloy barrel to handle heat and extended autofire wear better. The barrel is slightly shorter than a standard Uzi model, and has a threaded section half an inch down from the end of the barrel, protected by a screw-on shield. This allows silencers and other barrel modifications to be mounted to the redesigned Uzi. The cocking handle remains unchanged, but the cocking action is smoother and 'crisp' according to owners. The new action is also given a three-mode selector for semi-automatic fire, three-round bursts and full automatic fire. The SwanSong Armory rechambers the Uzi in a variety of calibers, but recommends those most similar to the native 9mm P such as .357 SIG and .40 S&W.

SwanSong also produces polymer Uzi-style magazines in a variety of sizes and colors. Their best sellers are in a translucent gray plastic that allows the magazine capacity to be checked easily in the field. Most SwanSong re-furbished Uzis come with one each of these translucent magazines in 15, 20 and 32-round box sizes.

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The basic SwanSong Uzi is known as the Uzi Assault, and incorporates all the changes listed above, as well as a forward ‘assault grip’ to make the weapon easier to handle. This design also removes the folding stock from the base model, making the assault grip nearly essential for the accurate use of the refurbished gun.

The SwanSong Armory has also mated these refurbished Uzis with a single-shot 30mm mini-grenade launcher. This model, called the Uzi Support, comes with four 32-round box magazines and an attached rifle sling designed to hold 18 mini-grenades bandoleer-fashion. Unlike the Assault, the Uzi Support does not have a three-round burst mode. The Uzi Support turns up in the strangest places, in the hands of vigilantes, mercenaries, gun collectors, drug lords, and troubleshooters worldwide. The SwanSong Armory has been ‘shut down’ on at least two occasions by U.S. Government agents (involving a military commando raid on one occasion, and then with a cruise missile on another). However, within a month, the Armory always reopens, somewhere else in the vicinity of Mexico City, although there is word of a back-

up SwanSong Armory operating in Baja California also now.

**d20 rules:** All Uzi Assault models have three-round burst settings. When used with the Burst Fire feat, any of these weapons fires only three bullets instead of five and can be used with only three bullets in the weapon. The setting does not grant the ability to make burst fire attacks without the Burst Fire feat; if you use the setting without the feat, you make a normal attack, and the extra two bullets are wasted. Several weapons in this series – specifically the 9mm and .40 S&W models – are always considered mastercraft weapons. As such, they each grant a +1 bonus on attack rolls.

Mini Grenades are the Progress Level 6 evolution of launched and hand grenades. They are available in a variety of models such as shrapnel, sonic pulse, concussion, EMP, fire-flush, and tangler. For more information on mini grenades & grenades, see the core Future rule book.

Weapon	Damage	Crit	Type	Range	ROF	Mag	Size	Wt	Cost	Res
<i>Uzi Assault 9mm</i>	2d6	20	Ballistic	40 ft.	S, A	32 box	Medium	4 lb.	20	Res (+2)
<i>Uzi Assault .40 S&amp;W</i>	2d6	20	Ballistic	40 ft.	S, A	32 box	Medium	4 lb.	20	Res (+2)
<i>Uzi Assault .357 SIG</i>	2d6	20	Ballistic	50 ft.	S, A	32 box	Medium	4 lb.	21	Res (+2)
<i>Uzi Assault 10mm</i>	2d6	20	Ballistic	50 ft.	S, A	32 box	Medium	3 lb.	20	Res (+2)
<i>Uzi Support 9mm</i>	2d6	20	Ballistic	40 ft.	S, A	32 box	Medium	3 lb.	20	Res (+2)
<i>Mini Grenade Launcher</i>	*	*	*	60 ft.	Single	1 int	Medium	3 lb.	21	Res (+2)

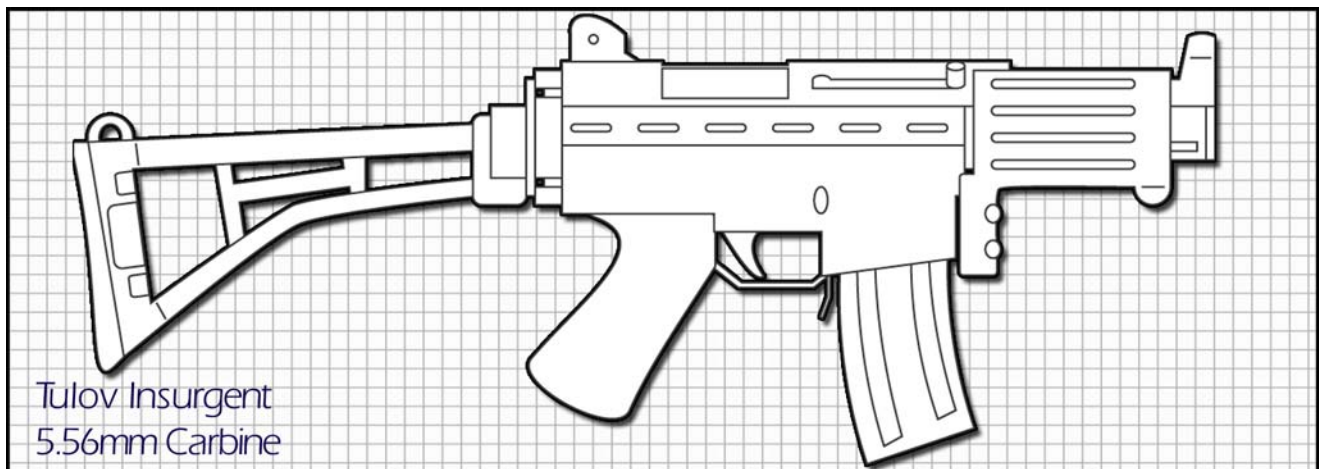
## Tulov Insurgent 5.56mm Assault Carbine

Tulov, a company based in the independent republic of Chechnya, developed the Insurgent in response to the Russian Vikhr SR-3 assault rifles. This compact model assault rifle is intended for use by units that need a compact and powerful weapon for close-quarter and house-to-house fighting, common in urban military actions such as those commonly seen in Chechnya and other Baltic battle zones.

The Insurgent is based on the design of the American AR-15 / M-16 assault rifles – using the same 5.56mm NATO ammunition as the original rifles as well as the gas-action select fire action developed by Eugene Stoner. When compared to the M-16, however, the design differences are very noticeable on first view, with the gas-action system folded up ahead of the action instead of behind it as in most M-16 variants. The overall design of the weapon is shorter than the shortest of the M4 carbines, with a folding stock, shorter barrel, significantly shortened foregrip and a polymer foregrip mounted

in front of the magazine well because the barrel shroud is too short to grip comfortably, and the magazine was pulled loose by soldiers gripping the gun by the magazine instead of a polymer foregrip. The pistol-grip and magazine receiver is unashamedly M-16 based. As a house-to-house weapon, the Insurgent is not equipped to fire in semi-automatic mode. It is expected that soldiers in need of the Insurgent will not have need for precision weapon. Most military fire teams equipped with this weapon also have at least one person with a select-fire assault rifle to operate as a marksman and for fire support. The only controls on the weapon proper are the magazine release paddle just behind the magazine and the awkward although ambidextrous safety switch above and forward of the trigger.

While the design is based on the fairly reliable M-16 assembly, the quality of Tulov's weapons is questionable due to the rushed conditions of manufacture and the lack of effective quality controls. Combined with domestically-



Tulov Insurgent  
5.56mm Carbine

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Weapon	Damage	Crit	Type	Range	ROF	Mag	Size	Wt	Cost	Res
<i>Tulov Insurgent 5.56mm</i>	<i>2d8</i>	<i>20</i>	<i>Ballistic</i>	<i>50 ft.</i>	<i>A</i>	<i>30 box</i>	<i>Large</i>	<i>6 lb.</i>	<i>17</i>	<i>Res (+2)</i>
<i>Tulov Insurgent Stockless</i>	<i>2d8</i>	<i>20</i>	<i>Ballistic</i>	<i>50 ft.</i>	<i>A</i>	<i>30 box</i>	<i>Medium</i>	<i>5 lb.</i>	<i>17</i>	<i>Res (+2)</i>

produced 5.56mm ammunition, this is a recipe for disaster. However, mated with higher quality European and American 5.56mm rounds, the Insurgent is only somewhat less reliable than an equivalent first-world assault rifle.

The rifle is equipped with a folding stock to control recoil, and is practically uncontrollable without it. Nonetheless, many insurgents have had the stock removed in order to make the firearm more concealable. Most of these models are found in the hands of organized crime and lesser criminals in Eastern Europe. Combined with a shorter (15 round) box magazine, the Insurgent can be a terrifyingly small package capable of potent full autofire. In this role it is treated as a heavy submachine gun, although it is more effective for intimidation and suppressive fire than actual aimed fire when set to full automatic fire. Sighting is provided by primitive wide-aperture iron sights mounted on the frame and barrel of the Insurgent.

While firing, the Insurgent produces a massive belch of flame from unburned powder emerging from the barrel. The fireball produced from a long burst of autofire can reach twelve to fifteen feet in length, and nearly four feet to each side of the barrel. Because of this, reduced assault rifles like the Insurgent are also occasionally referred to as 'flamethrowers', although they should not be confused with actual flamethrowers.

With the state of the Chechen economy, Tulov firearms are available around the world to those willing to pay the low price of their purchase.

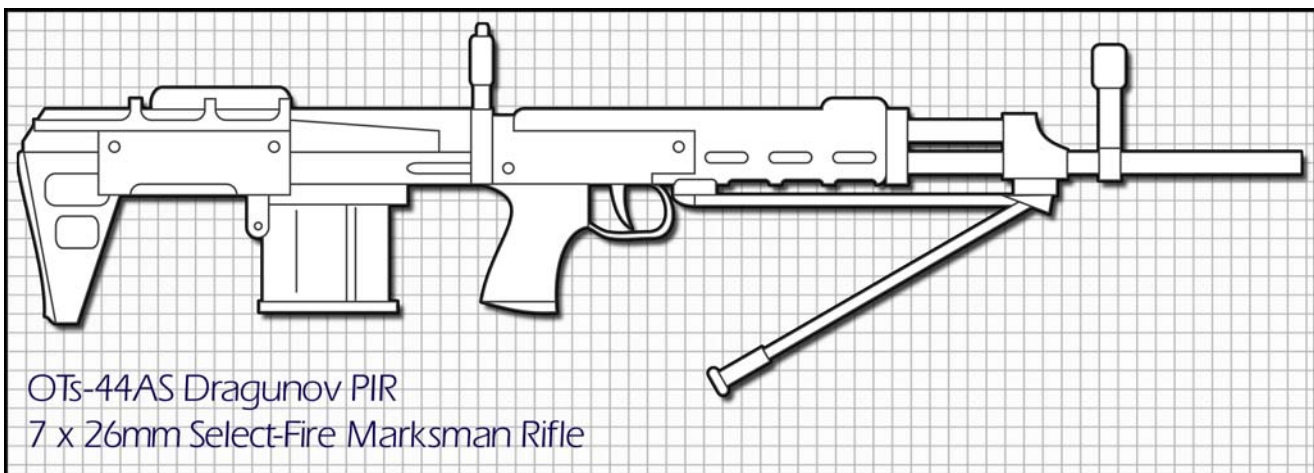
**d20 Rules:** The factory-equipped Insurgent comes equipped with a folding stock. Folding the stock provides a +2 circumstance bonus on Slight of Hand checks made to conceal the weapon, and a -2 penalty on attack rolls. Folding or unfolding the stock is a move action. If the wielder has a base attack bonus of +1 or higher, he can fold or unfold the stock as a free action while moving. Stockless models of the Insurgent always suffer the -2 penalty on attack rolls, but can also be fired single-handed, suffering a further -2 penalty on attack rolls.

## OTs-44AS Dragunov PIR Russian Marksman Rifle

The OTs-44AS was designed by Tula KPB as an upgrade from the Dragunov SVU rifle, which in turn was a radical re-working of the old Dragunov SVD, reconfigured into a bullpup action. The Dragunov line was designed and implemented to provide a long range soft target interdiction (anti-personnel sniper) rifle package, with maximum effective range, but remaining relatively compact and light (especially compared to the older Dragunov models). When compared to the base SVD, the Dragunov PIR (Product Improved Rifle) replaces the skeletonized wooden stock with a bullpup action with the magazine behind the pistol grip, and a simple metal buttplate as a shoulder stock along with adjustable fittings and furniture. The forward assembly has been entirely replaced with a polymer frame instead of stamped metal and wood. The polymer frame is available in black, dark grey and olive green. The basic design has flip-up iron sights, but is expected to mount an optical or electronic scope. In addition, the

bipod is mounted on a swivel so it can be set up horizontally or vertically, so it can be used to secure the rifle in an upright position against a vertical surface such as a brick wall, or on rough or angled surfaces.

The biggest changes for the Dragunov PIR, however, are internal. The rifle's basic mechanism has been rebuilt from the ground up to use roller-locks to delay blowback of the breech during firing. This action is more complex and expensive than the action in the basic SVU and SVD models, but is also very reliable and accurate, however remaining less complicated and revolutionary than the "blow-back shifted pulse" mechanism of more recent Russian assault rifle designs since 1994. The select-fire action is typically used in semi-automatic mode only, but is also capable of three-round burst fire (although not full autofire). The burst-fire mode is of limited use as the Dragunov PIR only has a 10 round box magazine.



OTs-44AS Dragunov PIR  
7 x 26mm Select-Fire Marksman Rifle

# NEW TRIBES

Weapon	Damage	Crit	Type	Range	ROF	Mag	Size	Wt	Cost	Res
Dragunov PIR 7.62x54mm*	2d8	20	Ballistic	100 ft.	S	10 box	Large	12 lb.	20	Res (+2)
Dragunov PIR 7mm LR*	2d8+1	20	Ballistic	100 ft.	S	10 box	Large	12 lb.	20	Res (+2)
Dragunov PIR 10mmES	2d10	20	Ballistic	120 ft.	S	10 box	Large	12 lb.	20	Lic (+1)
Dragunov PIR 7.62 NATO*	2d10	20	Ballistic	100 ft.	S	10 box	Large	12 lb.	20	Res (+2)
Dragunov PIR 7.62 M43*	2d8	20	Ballistic	80 ft.	S	12 box	Large	12 lb.	20	Res (+2)
Dragunov PIR 9mm SP-6*	2d8	20	Ballistic	90 ft.	S	10 box	Large	12 lb.	20	Res (+2)

\* This model is equipped with a three-shot burst mode.

The other major change in the Dragunov PIR is that it was built for the export market, not just for the Russian military. Because of this, it is available in a wide selection of calibers, including Russian, Chinese, American and European munitions. Major export models have been released in 7mm LR, 10mmES, 7.62mm NATO, as well as Russian rounds such as the 7.62x39 M43 from the old Kalashnikov series, the Russian Special Forces 9mmx39 SP-6, and the 7.62x54mm round of the classic Dragunov SVD and SVU.

The most common chambering for the Dragunov PIR in North America is in 7.62mm NATO (.308). This round is respected and familiar to U.S. and international service snipers. However, security forces and special operations units have been looking at the Russian 9mm chambering because it can use the subsonic SP-5 round, albeit at shorter ranges.

The 10mmES round is detailed in BlackHammer Firearms 4, along with several rifles chambered in this new European caliber. The 7mm LR round was developed by Colt and only sees rare usage in a few military organizations and is fully detailed in BlackHammer Firearms 2.

The Dragunov PIR currently sees use in Russia, both for the military where it is the standard precision rifle (chambered in the same old 7.62x54mm round of the classic Dragunov) as well as with the Russian Ministry of Internal Affairs (MVD) using the 9mmx39mm SP-6 chambering. Several middle-eastern govern-

ments have bought the PIR in 7.63mm NATO to serve as both a battle rifle and precision rifle. For this purpose, a larger magazine was developed for the rifle holding 24 rounds instead of the 10 rounds in the standard magazine. These magazines are particularly rare, with a purchase DC of 10 in the Middle East for non-military personnel, and a purchase DC of 12 elsewhere.

Finally, some private security forces in the U.S. have begun equipping this rifle in the familiar 7.62mm NATO round, and SWAT teams in a few cities (including Denver and San Jose) have also equipped this rifle to replace existing precision rifles.

**d20 Rules:** The Dragunov PIR has adjustable fittings (increasing the attack roll bonus from the Dead Aim feat by a further +1 once the fittings have been adjusted for the shooter in question), a scope mount, a standard scope and an attachable bayonet. Using the weapon without a scope imposes a -1 penalty on attack roles. Although not capable of Automatic fire, most models of the PIR have a three-round burst mode. When the three-round burst mode is used with the Burst Fire feat, it fires only three bullets instead of five and can be used with only three bullets in the weapon. This setting does not grant the ability to make burst fire attacks without the Burst Fire feat.

# NEW TRIBES

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