#### **Pistol**

# Tactical Vanguard

In 2015, Cybergun introduced its FNX-45 GBB pistol to great fanfare. Subsequently, Cybergun followed its success with FN Herstal of Belgium's newest 9mm pistol, the FNS-9 as its blueprint for replica in GBB airsoft pistol form. It's about to take the market by storm...

n 2010, FN first produced its FNS pistol line. The pistol features ambidextrous slide stop and magazine release. The slide and barrel both uses heat-treated stainless steel. The pistol's frame is made from polymer, with interchangeable grip plate design for human ergonomics. The pistol uses double-action and striker-fired operation, making the FNS-9 the symbolic icon which uses this design in 9mm caliber.

All of Cybergun's latest offerings feature the ergonomics of

ambidextrous interface with the operator, along with the modern usage of polymer frames, as well as being the only FN factory officially fullylicensed 6mm caliber FNS-9 GBB pistol. The Airsoft version mimics the real steel's double action bolt, allowing smooth performance. In addition the gun features low bore axis design and short stroke slide travel allowing realistic blowback experience for airsofters. The metal slide is finished in matt black, and features full FN trademarks. The three point fixed



sights mimics Trijicon's tactical design. The safety is located below the ejector port on the right side of the slide. The frame and grip is made from polymer, and has FN trademarks. The slide stop and magazine release are ambidextrous faithfully replicated from the real steel version. And just like the real steel pistol, the grip features a interchangeable back plate allowing the operator personalize the fit.

The Airsoft FNS-9 GBB pistol has seemingly inherited all of the advantages of the real steel pistol's



The slide's left side has all FN factory markings.



DB M45A slide has detail engravings.

# Trustworthy and Reliable

In 2012, the United States Marine Corps announced its adaptation of an improved variant of the Colt 1911, named M45A1. Enter the well-known airsoft manufacturer from Mainland China-Double Bell (DB) has seized this excellent opportunity to replicate the real steel pistol in GBB form....

COLTXXUSMC

Double Bell of Mainland China, aka. DB, has been a mover and shaker in the Airsoft market of late. With its large-scale investment in machine tools, DB is well-suited to quickly react to the market's needs. With this foray into the production of the M45A1 CQBP, DB utilized the popular Tokyo Marui system. Almost all of the parts are interchangeable with T.M.'s Colt 1911. The pistol is laden

with modification potential. DB even supplies a spare muzzle and O-ring with the pistol. Muzzle velocity using 0.3g BB' s in 24 degree Celsius room temperature reached 104.4m/s(1.09J). Maximum range was 50m. In grouping, at 6m with 12 rounds on IPSC target all fell within 2.5 inches. With such accuracy in combat represents an advantage. But one area which is lacking is in the blowback, with recoil that is just barely acceptable. With a stiffer spring, the recoil effect should be much improved. But for the value DB offers with this pistol, upgrading the gun is still well worth doing.

With regards to appearance, the DB M45A1 GBB pistol is quite satisfying to look at. From the slide, to the frame, to the outer barrel, and iron sightsone can observe these components are all made by intricate and well-



M45A1 CQBP was developed for USMCMEU's tactical pistol requirements. (By Guns & Ammo)



Mainland China Double Bell's M45A1 is a world premier release. Even Tokyo Marui has yet to develop a replica.





Scan QR code for the test-firing video clip of EMG SAI DS 2011.

# Outstanding Aggressive Pistol

Salient Arms International's pistols are beloved by the Hollywood set. The DS2011 pistol is a derivative of the M1911, but because the personal defense market lacks new thinking as well as a reliable PDW, SAI have answered this call by developing a double stack magazine capacity M1911 which debuted in 2011. Evike Manufacturing Group (EMG) has received a fully-licensed agreement from SAI, and has since gone on to replicate a superior GBB pistol in Airsoft form...

**E**<sup>MG</sup> had announced the SAI sanctioned production of the DS2011 GBB pistol, and during August 2016 Hooha Militaria Show held in Taipei, EMG had put the steel prototype on display. From that time many fans have been anticipating, but it was not until the middle of May 2017 that EMG's Asian general distributor Armed Forces in Hong Kong did they started taking orders. EMG's online superstore had announced that orders



EMG SAI DS 2011 packaging looks like it was made for Gucci handbag.

would start shipping before July of 2017. To the lukewarm Taiwan S Hong Kong market, this was no doubt a real boost to the heart.

ARRAST PUTTERNATIONAL

SAI had authorized the production and sales of the fully-license DS2011 Hi-Capa GBB pistol. From the perspective of a production Airsoft pistol, EMG was true to SAI' s low key styling. If we compare the other companies offerings in Airsoft to the level of stylish packaging as that of



There are 4.3 inch (upper) and 5.1 inch (lower) DS 2011 models to choose from.

the iPhone, we can only compare the packaging of EMG to that of toy grade BB guns. Even though the price point of EMG's DS2011 is slightly higher than Japanese-made pistols (e.g. Evike.com listed the retail price as USD\$180, or approximately TWD5,760 or HKD1,400). However, with its steady performance, this GBB pistol is quite comparable in terms of price, value, and performance.

EMG has introduced two versions



5.1 inch model feels very thick at the grip, due to the double stack design.

#### **Pistol**

# Shadow of Obsession

The revolving cylinder of revolver is normally contains 6 rounds. It can continually fire until the bullets are running out. It's reliable and easy-maintained, which makes it a favorite firearm for long time. Far San has released the CS-04 revolver which is equipped with the latest CO2 system in recent days, and it's the perfect CO2 revolver that you don't wanna miss....

t's hard to tell which revolver Far San CS-04 CO2 is designed after, because it looks like many revolvers in the market. After careful examination, we guess the FarSan CS-04 is designed after the Thermodynamics Systems .357 Magnum Revolver. But there' re still some differences. Based on our research, the CS-04 should be Far San own design. The CS series have three lengths of barrel available, including 2.5-inch, 4-inch and 6-inch. Shooters may choose any of them that fit their needs. Also. Far San provides three colors for users to choose. including matte black, dull silver and



Far San CS-04 revolver and accessories.

antique copper. The CS-04 revolver is made of full metal and weighs 815g. Its enlarged grip feels comfortable. The 4 inch barrel gives it a ferocious looks as well.

Far San CS-04 revolver uses rotary cylinder to house cartridges, shooters have to reload all the chambers one by one after shooting them all. To save time, the CS-04 comes with a speed-loader, which allows shooters to reload it in short time. Because CS-04 has non-blowback design, the hammer has to strike the gas valve to release gas and push the BBs outward. To do that, shooters must



Pull the back of the grip to reveal the CO2 cartridge compartment.

pull the trigger, which would actuate the hammer. However, this process generates heavy pressure to trigger. To solve such a problem, CS-04 is designed to have shorter hammer travel (about 11mm). Shooters would feel a tipping point which indicates the hammer's incoming strike. This is done by manipulating leverage. The power source is 12g CO2 bottle. The CO2 cartridge compartment is located inside the grip. Users may pull the back of the grip to reveal the compartment. The CO2 cartridge can provide enough air pressure for firing 40 rounds. The muzzle velocity is around 140 m/s (459



There're threads in the barrel, which allows users to add silencer.

#### **Pistol**

# BLE 2<sup>nd</sup> Generation Pistol

ICS release last year marked the company's initial foray into the GBB pistol market with their BLE ALPHA GBB pistol which received warm market reaction, due to its excellent performance and value. This time around, ICS have look to continue the success with the new BLE XFG GBB pistol which carries over the bloodline of the ALPHA, but with additional improvements and many practical features giving potential buyers no excuses to hold back further....

lack Leopard Eye(BLE) is ICS branded trademark which was launched with the release of the Alpha GBB pistol last year. Said to be developed after studying the needs of enthusiasts, there were still certain shortcomings after one year of being field-tested by owners. Thus, ICS developed its new BLE XFG GBB pistol with improvements. Just like the BLE Alpha, the BLE XFG utilizes a hammer-less design. One must first rack the slide to load the first round. The trigger is a two stage one, which also acts as a safety. The safety can be locked by pressing the safety button



XFG's two stage trigger is the first line safety.

from the trigger's left side. There is a second safety feature in the form of a sliding plate located inside the frame right in the middle of the tactical rail, which functions to stop accidental firing if and when the pistol drops to the ground. In addition, the slide and mag release are both ambidextrous. The blowback on this GBB pistol is full travel and with ease of movement, which indicates the XFG's recoil has been improved over the previous BLE offering.

The standard grip of the BLE XFG seems to be design for Asian to fit, with a rectangular feel-it feels much



Second safety located in the middle of the tactical rail.

more improved over the grip found on the previous Alpha pistol. The backs trap on the back of the grip is interchangeable for those who need a bigger fuller grip, and comes with a spare piece featuring more of a bulge design over the flat standard back strap. The XFG follows the mainstream modern design, but also allows room for modification for those components that are prone to wear and tear, making the new pistol feel like an improved model over the previous Alpha. But upon closer inspection, the new XFG is a completely different design and is made from entirely new machine



Oversized magazine works flawlessly.

#### Sub-machine Guns

# Tactical Thunder Fire Bolt SWAT A4 Tac

Bolt launched the SWAT ERB SMG in 2017, and the responses of consumers were pretty good. In this case, Bolt decides to release this upgraded new SWAT A4 Tac, in order to satisfy those senior airsoft players...

Since Bolt SWAT made a hit on the market, requirements on its accessories grew stronger. After some survey on players' experience, Bolt has developed a RAS and low profile scope mount for the new gun. The battery line has also moved from the frontal hand guard to rear stock. The new gun seems to be identical with the original SWAT version, but the interior



SWAT A4 Tactical with newly developed RAS rail.

is much different. The new gun also came along with a quick-change birdcage muzzle brake for free. This new set electric recoil sub-machinegun is now named as "SWAT A4 Tactical".

The Electric Recoil Blowback (ERB) System, which is a patent of Bolt, is also installed in the SWAT A4 Tactical. The limited space of the MP5 can't reduce the possibility of installing



Low-profile scope mount, compatible with various kinds of scopes.

the 4th generation ERB into the gun, furthermore, the compact size and the stock of the SWAT A4 Tactical enhanced the feeling of the recoil on your shoulder. That is an experience you must try on! Bolt SWAT has a unique design using the charging handle as a selector for the recoil. The ERB system would be turned off when the charging handle is locked back. But



Semi Auto and Safe on the fire control selector.

#### <u>Sub-machine Guns</u>

### US G.I. Grease Gun ICS M3A1 Grease Gui

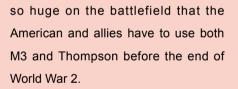
The M3, aka. Grease Gun, is a reliable and uncomplicated sub-machine gun used by US troops during WW2. M3 was found from Europe to Pacific battlefield, and it was considered as the pain in the ass by many enemy soldiers. ICS replicated the M3A1, and released the AEG version in the market....

The M3 is an automatic, air-cooled blowback-operated weapon that fired from an open bolt. Before firing, the bolt is locked to the rear by the cocking handle. When the trigger is pulled, the bolt is driven forward by the recoil springs, stripping a round from the magazine and pushes the round into the chamber. Then the firing pin hits the cartridge. While firing,



Non-adjustable iron sight of the ICS M3A1.

the high-pressure gas resulted from the explosion will force the bolt back with the bullet case hooked and eject out. The firing will not stop until the trigger is released or the magazine is empty. The M3 used metal stamping and pressing, spot welding and seam welding extensively for mass and cheap production, reducing time and cost of the gun. But the demand is



The upper receiver of the ICS M3A1 EBB SMG is made of aluminum, while the lower receiver is plastic, resulting in a light weight airsoft game gun. ICS designed a straight gear box, placing the battery behind. Open the cover



Upper receiver is made of aluminum, making it sturdy and reliable.



Grip design is original, which is very similar to real steel.

**Iron-Blooded Vengeance** ASP SA58 Keynod Carbing EN FAL has been adopted by many countries in the past. But.

FN FAL has been adopted by many countries in the past. But, as the biggest firearms market, America can't import FAL due to strict law. Thus, the DS Arms from Illinois launched civil SA58 semi-auto rifle, and it reached excellent sales record. ASP has set eyes toward the SA58, and released several SA58 series in AEG form....

S Arms (DSA) was founded in 1986 in Illinois, USA. The company has sold imported FAL rifle parts in the late 80s. Later, it became a fire arms manufacturer specializing in developing its own civilian FAL, which is called SA58. In 1992, DSA expended its service to other manufacturing biz, such as AR15 and M2 MG parts. However, SA58 remained their signature product. SA58 is very similar to FAL in terms of their look. However, SA58 is a much improved weapon and has more variants available such as Standard version, Carbine version, Compact version, PARA version and DMR version. It's also equipped with railed upper receiver and tactical handguard, which is more suitable for modern day usage.

Airsoft Pioneer Limited, aka ASP, from Hong Kong released its licensed SA58 standard version and SA58 SOW PARA version in 2015. It was so successful that many players couldn't even get one. ASP later launched its 10 inch barrel Compact version, which is 15 cm shorter than the Standard version. Other than that, the overall set-up is the same, but the Compact version is actually more suitable for survival games. Due to previous success, ASP recently released its SA58 Carbine version and SA58 Keymod version. These two versions are both made of aluminum alloy. There's a Picatinny rail on top of the receiver. The charging handle



ASP SA58 Keymod has three fire mode including safety, semi and full auto.



Equipped with a SAW pistol grip, this carbine can be held firmly.

## Warthog and Skull EME Sharps Bros. ARE

Sharps Bros. was established in 2012. They're famous for making exquisite and exceptional lower receivers, but their products were mostly used by real AR rifles instead of airsoft ones. Gladly EMG got the licensee from Sharps Bros., and started to manufactured airsoft AR15 series fitted with SB lower receivers by Ares from Hong Kong....

he Warthog and Jack released by Evike Manufacturing Group, aka EMG, are the masterpiece that results from the cooperation between EMG and Ares. These two rifles are composed of the upper receiver, buttstock and handguard from Ares Amoeba AR15, and SB's lower receivers. According to EMG, there' re three versions available for each of these rifles, including 15 inch barrel Carbine version, 10 inch barrel Short-Barreled Rifle and Very Short-Barreled Rifle that only lengths 570mm in total. In order to further diversify its products, EMG also announced that each version will have two colors (BK and TAN) available. In other words, there' II be 12 different AEGs

available which allow players to show their personal tastes in the battlefield. These SBR AEGs are all equipped with Ares new Electronic Firing Control System, or EFCS. This system allows players to fire in single, three-round burst and full-auto mode to save a lot of BBs. Furthermore, this gearbox is more efficient than traditional ones. It reduces the wear when players fire the rifle in single mode. This gearbox also allows players to change spring quickly.

All these characteristics, however, make users wonder, given that the Warthog and The Jack are both based on Amoeba AR15, Are these two SB rifles the same as Amoeba AR15 except in the lower receiver? We can



Warthog VSBR that is only 570mm in length.

### Sledge Hammer GRP Thor SBR

Thor is the God of War in north European mythology. Germanic people believe that Thor is brave and skillful in warfare, and he can defeat the giants single-handed. Since G&P has released the very popular Zeus AEG for highend user already, So G&P is now launching the Thor highspeed AEG for those entry level players....

ue to G&P' s high-end, high rate of fire Zeus AEG hit the market successfully, G&P decided to continue this rate-of-fire frenzy by releasing its intermediate grade, high rate of fire AEGs named Thor. G&P' s ambition was to make Thor as powerful as Zeus, but slightly reduce the price in order to make them more affordable. Thor's muzzle velocity reaches 106~122m/s (350~400FPS). However, what really makes this rifle amazing and entertaining is its rate of fire can reaches 36 rounds per second. Such 4 seconds to finish a 130-rounds magazine. All these state-of-the-art components help Thor become the protection of his subjects, who will use his power to eliminate any enemy



Mid-cap 130 rounds magazine designed by G&P.

a high rate of fire surely won't let the customers miss any opportunities to take the enemies out. The gearbox is composed of hardened 8mm ball bearings, CNC processed high speed gears, reinforced cylinder and nozzle, making them strong enough to withstand high voltage (11.1V) and other possible wear. In addition, Thor is equipped with G&P's high torque motor called Turbo, and an engineering polymer made pistol grip which is licensed by Strike Industries, making this weapon so fast that it only takes



Thor is equipped with a Viper CQB stock which is for real assault rifle.



Pistol style grip is made of enhanced engineering polymer.



The middle part of handguard is made thinner, makes users comfortable even without a handstop.

### Mighty Dragon Komodo Jos Chr-Mars Komodo

ICS released the "Komodo" tactical rifle, which is named after the biggest lizard in the world, in recent days. This styling AEG has a brand new exterior look and interior mechanism, and fits with the S1 tactical stock. It may be considered as the leading star of ICS MARS AEG series....

CS, one of Taiwan's most experienced company that manufacture airsoft guns, recently released its "Modern Assault Rifle System' AEGs" or "MARS" for short. The most prominent model among the MARS family is undoubtedly the Komodo. This rifle is named after the biggest lizard in Indonesia, because it has a wide opening in front of the handguard, very much like a Komodo dragon that opens its mouth and ready to devour its prey. Komodo is equipped with keymod handguard. There' re four rails in front of the handguard which

players may attach accessories. The middle part of handguard is made very smooth in order to hold it tightly without feeling discomfort. Furthermore, the handguard and the upper receiver are screwed tight together with six grub screws, makes these two components solid and never wobble. The Komodo also has flip-up front and rear sights. They' II never obstruct players' sight when they are pressed down, which helps shooters to aim. The upper and lower receivers are made of CNC processed aluminum alloy which is solid enough to withstand wears. The stock, pistol style grip, sling mount and



The opening in front of handguard is just like a Komodo Dragon opens its mouth.



There's anti-slip in front of magwell which facilitates holding.



Reinforced ergonomic pistol grip makes players feel comfortable even after holding it for a period of time.



Personal Defense Weapon, aka PDW, is definitely the essential weapon for CQB. There're many airsoft manufacturers produce PDW at the moment, and these PDWs all have advantages such as light, swift and accurate. Modify's new PDW has not only these advantages, but also has some special designs to enhance its performance. This the sharp-looking PDW that you wouldn't wanna miss....

odify, after years of continuing research, finally created the PDW with its experiences in developing Extreme Tactical Carbine CQB, or XTC-CQB. Modify PDW is equipped with 7 inch outer barrel (inner barrel is 185 mm), together with aluminum made Keymod handguard that never wobbles. The barrel is so compact that it allows users to move fast in a competition. There is a Picatinny rail that extends to the front on top of this PDW, to which users can attach accessories. There are a few openings on the left and the right sides of the handguard, which reduce overall weight and add a masculine temperament to this gun. The upper and lower receivers are built with light weight, robust aluminum alloy. The front side of the magazine well is made ragged to increase friction so that users can hold it with comfort. The opening of the magazine well is made larger like a funnel to help users reload magazines guickly. To make sure this gun never wobbles, the barrel is locked in place in three positions. Also, the Hop Up chamber is locked into place with four sides screwed tight to make sure the barrel is totally fixed so that shooting accuracy is improved. This PDW also comes with 14mm counter-clockwise steel flash hider, flip-up front sight / rear



45 degree fire selector which may change fire modes swiftly.



0 0

Aluminum Keymod handguard looks trendy and comfortable to hold.



There's ragged surface in front of magwell, which helps players to hold.

### Rough and Tough SRU Bullpup AK

AK assault rifle has always given us a rough and tough impression. Although the appearance of AK hasn't been changed for decades, it still is the most popular and mass-produced assault rifle in the history. People just can't imagine this old baster will dramatically become a brand new and stylish rifle. Still, SRU from Taiwan has managed to manufacture a bullpup AK rifle with latest 3D printing technology....

RU is the acronym for Strike ORecon Union. It specializes in precision 3D printing technology that transforms GBB rifles into unique, stylish and cool weapons. The modern bullpup design that represents a break with tradition is the one that changed military industry. This kind of design moves the magazine to the rear of the pistol grip, and further lengthens the barrel by 9 to 13 cm, which not only increases precision and effective range, but also shortens the overall length of the weapon. These advantages make bullpup design the most groundbreaking move in the military industry. However, such a design is never seen adopted on AK rifles. Many people may question such a remark by saying that Russian



The Russian words on the pistol grip reads "stockless AK rifle".

made SVU sniper rifle, Chinese made QBZ-95 assault rifle, QBU-88 sniper rifle, and QBU-97 sniper rifle are all examples of bullpup design weapons. In fact, the three sniper rifles mentioned above are small in number. Also, the design of the QBZ-95 assault rifle has already veered off the design concept of AK rifles. Now, a genuine bullpup AK rifle is under way. Let' s see how SRU uses AK GBB as the basis, and transform it into a bullpup GBB rifle.

To change the outline of the AK rifle is a big challenge for SRU designers because AK rifles are tradition in nature, yet outstandingly rugged in their look. These designers have to consider any possible hindrances when trying to move the pistol grip



The tilted pistol grip is the most prominent feature on the SRU AK.

The SRU engraving on the stock.