Nekovalkyrja Service Pistol, Type 33

The Type 33 Nekovalkyrja Service Pistol is a Star Army of Yamatai energy pistol introduced in YE 33; it is part of the Star Army Standard Issue Items, replacing the Nekovalkyrja Service Pistol, Type 30.



Price: 1000 KS (New)

About the Type 33 NSP

Designed in YE 33 by Taisa Kage Yaichiro for the Star Army of Yamatai, the Type 33 Nekovalkyrja Service Pistol is largely a revision of the Nekovalkyrja Service Pistol, Type 30 with a simplified grip and fewer parts. While it preserves the general shape and feel of the Type 30, it is made to be easier to produce and more versatile than its predecessor in light of newer handheld weapons. It reintroduces some aspects of the Nekovalkyrja Service Pistol, Type 28 to make it a better match against the NMX Type 31 Sidearm, albeit in a more balanced way.

The gun's exterior has been simplified while retaining the shape and feel of the Type 30 NSP, but significantly reducing the total number of parts and the complexity of the weapon. The finish of the weapon depends on the model. The trigger is the same as that of the Type 28 NSP because of the need for the same type of trigger manipulation. Due to this, it should be quite familiar in the hands of a veteran soldier. The grip is sturdy and has a small space inside, for storing things such as a Multitool knife or other mission-specific equipment. It can be accessed from the base and also contains a small cable and power jack for charging the NSP's battery or for drawing from the NSP's battery to power external devices like the Star Army Communicator, Type 29. It also uses the BR-28 Rechargeable Battery

Magazine and the YB-28A Triple-Power Magazine as power options, so the holster for the weapon is designed to accommodate both.

The switch on the side of the weapon manages the firing modes as on the Type 30 NSP; and a set of buttons manage the operation of the flashlight, the laser sight, and a small on/off-style push-button switch for the safety. This not only allows for a person to press every button and switch on the weapon when using a two-handed firing grip, but also allows the holes drilled for that part of the gun to be the same on either side – greatly reducing the complexity and cost of making the left and right-handed versions of the weapon. A left-handed version of any given variant has an "L" at the end of its designation and has these controls reversed.

The systems in the new NSP are functionally and electronically identical to the Type 28 NSP's, save for the Burst Fire system replacing the fully automatic fire (although this can be re-enabled by an armorer). The components inside have been reduced in number and streamlined not only to make room and allow for other systems related to charging to be integrated into the NSP, but also to reduce cost. This has been achieved due to the advancements and miniaturization achieved over the past half-decade. Typically, the price for producing this weapon is 85% that of the Type 30, though a few models may reduce that cost further where noted.



History and background of the Type 33 NSP

After purchasing a NMX Type 31 Sidearm from a salvage company; Taisa Kage Yaichiro decided to perform an in-depth comparison between the abilities of the enemy firearm, the old Nekovalkyrja Service Pistol, Type 28 which was still in use by some veteran soldiers in the Star Army, and the Nekovalkyrja Service Pistol, Type 30 which served then as the Star Army's current standard issue firearm. While the

NMX weapon was more technologically advanced and in theory had infinite energy, the abilities of the Yamataian weapons to reload quickly and use higher capacity batteries if desired offset the advancements due to the charging speed of the firearm in regular use. However, the "Long Pulse" function of the firearm effectively made it a two shot burst fire weapon, something which the Type 30 NSP was not.

In the end; Yaichiro decided that the modern Type 30 was rugged and could function well, but that the choice to remove fully automatic fire completely from the NSP when moving from the Type 28 to the Type 30 was overcompensation. While the Full-Auto function in the Type 28 NSP was a power hog, Yaichiro decided that a burst fire function was necessary and pondered a compromise between the two classic weapons which closer matched the NMX' weapon. He also evaluated the actual circuitry and components in the pair of NSPs to find that the Type 30 NSP's internal systems had not been significantly updated from those of the Type 28 NSP. Both effectively used five year old technology, though Hanako's design had held up well.

Yaichiro would soon make a new NSP to provide a better match for the soldiers facing NMX forces, generally taking the best components of the NSPs and adding a few unique elements of his own.

Stats

- Designer: Taisa Kage Yaichiro
- Manufacturers: Star Army of Yamatai and Ketsurui Zaibatsu
- Name: KZ-33 Type 33 Nekovalkyrja Service Pistol
- Nomenclature (Standard Product Nomenclature System): Ke-W2-3 series
- Type: Semi-Automatic/Burst Fire Multi-Purpose Energy Pistol
- Role: Anti-personnel, Anti-electronics. Potentially Anti-Light Mecha.
- Length: 17.3 cm (6.8 inches)
- Mass: 0.5 kg (1.1 pounds)
- Firing Modes: Stun/Heavy Stun, Pulse/Burst Fire, Heavy/Burst Fire
- Rate of Fire (Single): Once per half trigger pull.
- Rate of Fire (Burst Fire): Three quick shots in 0.5 seconds with full trigger pull.
- Magazine: Ketsurui BR-28 Rechargeable Battery Magazine or YB-28A Triple-Power Magazine. (Comes with BR-28E)
- Capacity: 50 shots (10 if using Full Mode) with BR-28, 150 shots (30 if using Full Mode) with YB-28A.

Discharge Information

Stun Mode

Fires a scalar pulse with a half trigger pull which can stun unarmored humanoid personnel and electronics without permanent damage. Pulling the trigger all the way back releases a stronger pulse intended to disable most Nekovalkyrja.

• Damage Rating (Version 2): Tier 1, Light Anti-Personnel (Stun), Tier 1, Light Anti-Personnel (Heavy

Stun)

- Damage Rating (Version 3): Tier 0 (Stun), Tier 1 (Heavy Stun)
- Range: 300+ meters
- Muzzle Velocity: 1c (299,792 km/sec, 186,000 miles/sec)
- Muzzle Blast: Blue distortion coneFiring Mode: Stun/Heavy Stun
- Recoil: N/A

A stun usually lasts for 10-15 minutes. The victim may feel "pins and needles" pain from the nerve overloaded damage. WARNING: Stun shots to the head can be fatal.

Pulse Mode

Damage Description: Fires a standard bolt of energy at a target with a half trigger pull. Pulling the trigger all the way back fires a trio of beams in the span of a half-second.

- Damage Rating (Version 2): DR 4 (Personnel scale)
- Damage Rating (Version 3): Tier 2
- Range: 300+ meters
- Muzzle Velocity: 1c (299,792 km/sec, 186,000 miles/sec)
- Muzzle Blast: Brief purple-white flash
- Firing Mode: Single/Burst Fire
- Recoil: N/A

The three shots are counted independently when using Burst Fire. Therefore, they do not stack to breach a shield threshold higher than the listed value.

Heavy Mode

Damage Description: Fires a bolt of energy at a target with a half trigger pull. Pulling the trigger all the way back fires a trio of shots in the span of a half-second.

- Damage Rating (Version 2): DR 5 (Personnel scale)
- Damage Rating (Version 3): Tier 3
- Range: 300+ meters
- Muzzle Velocity: 1c (299,792 km/sec, 186,000 miles/sec)
- Muzzle Blast: Brief, large purple-white flash
- Firing Mode: Single/Burst Fire
- Recoil: N/A
- Notes: The three shots are counted independently when using Burst Fire. Therefore, they do not stack to breach a shield threshold higher than the listed value.

Components

Firing Mechanism

The physical firing mechanism is a trigger based on that of the Type 28 NSP, which is pulled either halfway or the entire way for an intended effect. This, combined with a trio of mode selection buttons on the side of the weapon, allow for six permutations of discharge. It should be noted that the trigger is the same as in the Type 28 due to the need for the same half-pull and full-pull requirements. Because of this design, it is quite familiar to veteran soldiers.

Magazine Description

The Type 33 is compatible with the same BR-28 Rechargeable Batteries as its predecessor, even shipping with the same standard battery as the Type 30 NSP. Of course, the batteries may be painted to match the weapon depending on requirements. The weapon is also compatible with the YB-28A Triple-Power Magazine, which triples its power reserves.

See: BR-28 Series Battery Magazine



Standard NSP with YB-28A equipped

Weapon Mechanisms

Because of the fact that the Type 33 NSP is a scalar energy weapon and is not easy to repair, there are relatively few parts which can be serviced except by certified Star Army Technicians aside from the swappable battery magazine. Most pistols are made cheaply and are designed to be replaced with spares while faulty units are shipped off and repaired in a proper facility.

Parts which can be replaced if absolutely necessary by the user include the battery magazine, the trigger, the cable which connects to the power jack in the grip compartment, the small door to the grip compartment, the integrated laser sight, and the integrated flashlight.

Buttons and switches

On each side of the firearm, there are three settings, whose positions are reversed on the left-handed variants. On one side is a switch which manages the Stun, Pulse, and Heavy settings. On the opposing side are buttons for the laser sight, the flashlight, and the safety. The buttons are identical, and give a nice click feel when pressed. This is so that a person can be certain if the button actually made contact, and can avoid a deadly situation. It also makes it harder for a button to be pressed by accident.

Grip Compartment and Power Cable

The Grip Compartment can be accessed by a small sliding panel under the bottom of the grip and allows one to access a compartment inside. One part of the compartment contains a cable and a jack for charging the weapon's magazine or giving power to external devices. The rest of the space, which is partitioned off and lined with an electricity-resistant polymer, can be used for storing assorted objects of small size. Typically, a Multitool knife is included, but the compartment can also hold other things such as a concealed data disc, Star Army Explosives, or small tracking devices. It depends on the mission profile and the user's choice.

It should be noted that if a small charge of explosive is connected via the cable to the power jack of the firearm, and the laser button is pressed, the charge will be set off in a very localized fashion. There is not enough room to store a large charge or do direct damage in combat against someone, but it is a sufficient amount to blast the hinges off a door. Note that doing this damages the length of cable, though a skilled person may be able to get several uses out of the cable as a detonator by stripping away damaged areas. It may be prudent to include a second cable specifically for this purpose, and leave the main charging cable intact.

Variants

Assorted variants are available, mostly based on what finish the gun has or alterations for specific purposes. Notes on those versions can be found here. Note that all are available in left-handed variants, in which case an L is added after the name. Type 33(L), Type 33A(L), or Type 33/C(L) for example.

Type 33



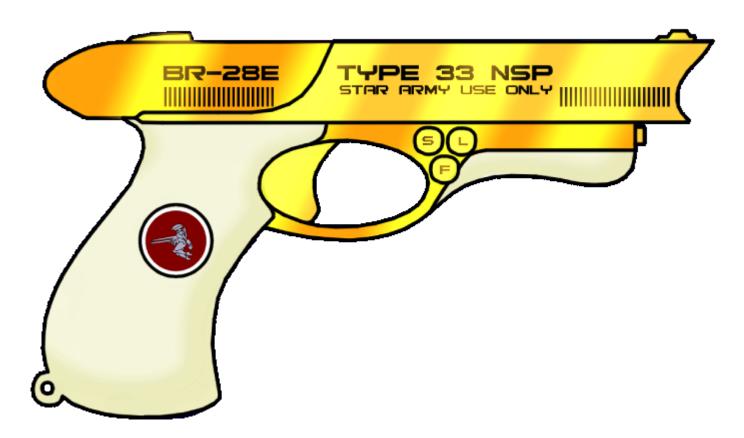
This is the standard variant, and the most common seen in the Army. It can come with either the stock BR-28E, or a YB-28A, both of which are pictured. When with the YB-28A, the power reserves available to the weapon are tripled. The YB-28A can work with any of the variants shown, and does not constitute its own variant.

Type 33 Dark



While a clean and reflective finish is a sign of a healthy weapon, some situations require a firearm which is less obvious and has no reflection. The Type 33 Dark is intended for infantry and special ops to minimize detection, or by preference as supplies permit. It could be considered a descendant of the Type 28A Matte Black.

Type 33 Ceremonial



The Type 33 Ceremonial is made to order and is comparable to the Type 28A Ceremonial Gold NSP. This is usually only given to Commanding Officers and members of the Admiralty.

Type 33/C Civilian





This is the descendant of the Type 28C/C, and it has the same features. It lacks the Heavy and Burst Fire modes of operation, and its price is only 850 KS due to the Type 33's reduced number of parts. This firearm is not only suitable for use by civilians, but was also designed to be a possible sidearm of government agencies such as the Scientific Studies Service (SSS) as well.

Type 33/B Kodian



A variant issued to Kodian members of the Star Army, the creatively-named Type 33/B Kodian is, for all intents and purposes, identical to the baseline Type 33 - with three exceptions. The first - and most obvious - is the sheer difference in size between the two, reflecting the similar disparity in scale between Kodians and Nekovalkyrja; the second is that this particular variant makes use of the BR-38E Rechargeable Battery (upscaled, like the Type 33/B Kodian, in size when compared to the BR-28E) which, thanks to the BR-38E's greater internal volume, gives the energy cell as much energy as a YB-28A Triple-Power Magazine. Lastly, owing to the fact that it has a larger pulse emitter, the 'Heavy' Mode of the Type 33/B deals damage in an area roughly 1.5x that of its smaller brethren.

Dimensions

Length: 30.5 cm (12 in)Mass: 1.7 kg (3.8 lbs)

Type 33A Economy

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Foreseeing a need to possibly make massive numbers of the Type 33 NSP even if the Empire finds itself in tough times or with lesser equipment, the Type 33A was designed alongside the Type 33, and boasts the same capabilities. However, it is made of stamped Durandium Alloy with a Molecure Solution-adhered grip. It has yet fewer pieces as well, further slashing the price of production. These sometimes ship with surplus stocks of BR-28A magazines instead of modern BR-28E variants. Its finish is also less shiny and it lacks the lighter metals in the original Type 33, making it a suitable replacement for the Type 33 Dark if unavailable. The main downside to the weapon is that it isn't constructed to the same exacting tolerances as its sibling – each gun must therefore be individually scanned and tested when assembled, and there may be small differences in each weapon's performance requiring calibration on the assembly line to stay within tolerances. The cost is roughly 60% that of the Type 30 NSP, and it can be made in less than ideal manufacturing facilities should a fleet fall on hard times. Still, a properly built and calibrated Type 33A that passes inspection checks is just as good as its Type 33 sibling.

Type 33X Prototype



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Yaichiro's, Hanako's, and Katsuko's Type 33X pistols

The Type 33X NSP was the very first variant created by Yaichiro, of which only a dozen exist. Internally this experimental prototype is identical to the final production version of the Type 33, though it has a different grip texture and comes in different colors. Yaichiro keeps one such unit as a sidearm, with the YB-28A Triple-Power Magazine attached, and a few spares. Others went to various places in the SAoY for testing or to assorted friends. Yaichiro's and those he sent out have custom coloring.

OOC Notes

Approved here by Wes.

Star Army Logistics		
Supply Classification Class G - WEAPONS INDIVIDUAL SM		IALL ARMS
First Used	YE 33	
Products & Items Database		
Product Categories	weapons: pistols	
Product Name	Nekovalkyrja Service Pistol, Type 33	
Nomenclature	Ke-W2-3	
Manufacturer	Ketsurui Zaibatsu	
Year Released	YE 33	
Price (KS)	1,000.00 KS	
DR v3 max	Tier 3	
Mass (kg)	0.5 kg	

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