



**Defense and Security Services**



# PZD MK24

NEW MODEL

The MK24 represents a brand-new model in the PZD machine gun category by DSS. This weapon platform was designed to meet the demands of 21st-century users. By combining the characteristics of a machine gun with the ergonomics and weight of an assault rifle, it introduces a significant innovation in the firearms industry.

A major advantage is the minimalist design of the feeding mechanism, which has been simplified and improved to ensure that accessories remain precisely set even after extended shooting, handling, or demanding transport. Frame has been designed to ensure the MIL-STD 1913 "Picatinny rail" mounting interface remains continuous and guaranteeing the highest possible heat dissipation.

Thanks to a reduction in weight, which is lower than other machine guns in this category, the MK24 allows users to carry more ammunition and other essential supplies, increasing operational flexibility and effectiveness in combat.

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machine gun



## Versatile accessories and options:

As an producer we guarantee that our manufacturing and quality program fulfills and satisfies every requirement for every mission.

### Accessories and options:

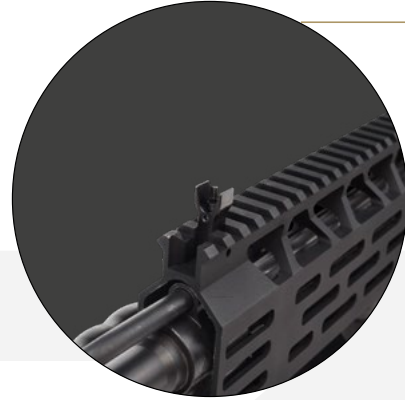
- 2 lengths of barrel – 14 and 16 inch with a addition options on request
- Telescopic or fixed bipod
- Hard plastic magazine for 200 rds
- Soft fabric magazine for 100 rds



# Features

## Barrel:

PZD MK24 uses quick-change fluted barrels that improve heat dissipation, allowing the operator to sustain machine gun operation for a longer period without changing the barrel. Each barrel comes with an adjustable front sight and is zeroed identically to ensure there is no change in point of impact when swapped.



## Stock:

Mil spec collapsible stock with 6 position.



## Flash hider:

Flash hider is designed as self tightening to ensure that it stays locked in position even during the high temperatures.



## Gas Regulator:

PZD MK24 has gas regulator with 11 positions that allows the operator to adjust the rate of fire, use of suppressor and ensures that the machine gun operates smoothly even if its dirty or under extreme conditions.





# PZD MK24

## Technical data



16" /14" barrel

Caliber	5.56×45 mm
Type of ammunition	Linked 5.56×45 Standard NATO, Link M27
Weight	6.2 kg
Weapon width	102.5 mm
Length of gun	958 mm – 1040 mm / 907 mm – 989 mm
Method of operation	Gas-operated, long-stroke piston
Firing mode	Full automatic, semi-automatic
Rate of fire	800–1000 rounds/min (ran/min)
Maximum effective range	600 m
Maximum range	1200 m







# PZD 762 MK1

machine gun

The PZD 762 light machine gun is a fully automatic weapon that provides crucial fire support for a team or operator. It is equipped with quick-change, fluted barrels, designed to optimize heat dissipation.

The weapon fires from an open bolt, the breech is locked by the rotating bolt, and unlocked by a screw slide, which is carried to the rear by the action of the piston carrier, which is pushed by the propellant gases. This solution ensures reliable operation, even during demanding firing scenarios.

The PZD 762 machine gun is fully customizable, thanks to the integrated MIL-STD-1913 Picatinny rail, which allows for the mounting of optical devices and other accessories.

If required, it can be mounted on MIL-SPEC cradles, and perform a limited set of roles as a general-purpose machine gun.

The PZD 762 machine gun has been thoroughly tested by methodic NATO AC/225 D/14, and is operationally ready for deployment in diverse conditions and environments.

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## Versatile accessories and options:

As an producer of PZD 762, we guarantee that our manufacturing and quality program fulfills and satisfies every requirement for every mission.

## Accessories and options:

- 2 lengths of barrel – 16 and 18 inch with a addition options on request
- Telescopic or fixed bipod
- Soft fabric magazine for 100 rds

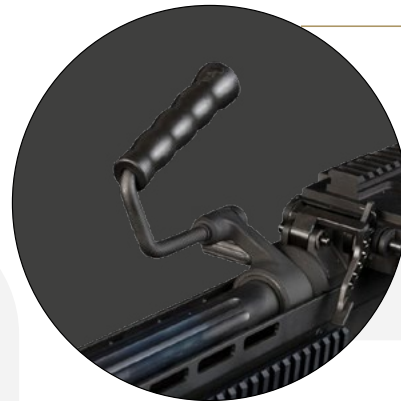
On request trigger with semi-automatic capabilities.



# Features

## Barrel:

PZD 762 uses a quick change fluted barrels that improve the heat dissipation allowing the operator to sustain the operation of the machine gun for longer period of time without changing the barrel. Barrel comes with adjustable front sight and are zeroed identically to ensure there is no change in point of impact when swapped.



## Stock:

Mil spec collapsible stock with 6 position.



## Flash hider:

Flash hider is designed as self tightening to ensure that it stays locked in position even during the high temperatures.



## Gas Regulator:

PZD 762 has gas regulator with 11 positions that allows the operator to adjust the rate of fire, use of suppressor and ensures that the machine gun operates smoothly even when its dirty or under extreme conditions.





# PZD 762 MK1

## Technical data



18"/16" barrel

Caliber	7.62×51 mm
Type of ammunition	Linked 7.62×51 Standard NATO, Link M13
Weight of complete gun	7.83 kg or 7.69 kg
Weight of barrel assembly	2.05 kg or 1.95 kg
Weapon width	133 mm
Length of gun	985 mm – 1065 mm / 945 mm – 1025 mm
Length of barrel	510 mm or 460 mm
Method of operation	Long stroke piston
Firing mode	Full automatic / semi-automatic
Rate of fire	800 – 1100 rpm
Maximum effective range	800 m
Maximum range	1600 m







# PZD 556 MK2

The PZD 556 light machine gun is a fully automatic weapon that provides crucial fire support for a team or operator. It is equipped with quick-change, fluted barrels, designed to optimize heat dissipation.

The weapon fires from an open bolt, the breech is locked by the rotating bolt, and unlocked by a screw slide, which is carried to the rear by the action of the piston carrier, which is pushed by the propellant gases. This solution ensures reliable operation, even during demanding firing scenarios.

The PZD 556 machine gun is fully customizable, thanks to the integrated MIL-STD-1913 Picatinny rail, which allows for the mounting of optical devices and other accessories.

The PZD 556 machine gun has been thoroughly tested by methodic NATO AC/225 D/14, and is operationally ready for deployment in diverse conditions and environments.

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machine gun



## Versatile accessories and options:

As an producer of PZD 556, we guarantee that our manufacturing and quality program fulfills and satisfies every requirement for every mission.

### Accessories and options:

- 2 lengths of barrel – 14 and 16 inch with a addition options on request
- Telescopic or fixed bipod
- Hard plastic magazine for 200 rds
- Soft fabric magazine for 100 rds

On request trigger with semi-automatic capabilities.



# Features

## Barrel:

PZD 556 uses quick-change fluted barrels that improve heat dissipation, allowing the operator to sustain machine gun operation for a longer period without changing the barrel. Each barrel comes with an adjustable front sight and is zeroed identically to ensure there is no change in point of impact when swapped.



## Stock:

Mil spec collapsible stock with 6 position.



## Flash hider:

Flash hider is designed as self tightening to ensure that it stays locked in position even during the high temperatures.



## Gas Regulator:

PZD 556 has gas regulator with 11 positions that allows the operator to adjust the rate of fire, use of suppressor and ensures that the machine gun operates smoothly even if its dirty or under extreme conditions.





# PZD 556 MK2

## Technical data



16" /14" barrel

Caliber	5.56×45mm
Type of ammunition	Linked 5.56×45 Standard NATO, Link M27
Weight of complete gun	7.35 kg or 7.2 kg
Weight of barrel assembly	1.83 kg or 1.72 kg
Weapon width	117 mm
Length of gun	925 mm – 1060 mm / 867 mm – 948 mm
Length of barrel	459 mm or 402 mm
Method of operation	Open bolt, long stroke piston
Firing mode	Full automatic / semi-automatic
Rate of fire	800 – 1000 rpm
Maximum effective range	600 m
Maximum range	1200 m







# DSS Mk15

Mk15 is an automatic rifle fully developed and manufactured in the Czech Republic. Its design is based on the proven AR-15 platform, renowned for its excellent ergonomics, intuitive control layout, and high reliability under all conditions. Thanks to these features, the Mk15 is an ideal choice.

The upper and lower receivers, along with the handguard, are precisely machined from high-quality aerospace-grade aluminum using CNC technology, providing a perfect, play-free fit and maximum structural durability. The surface is treated with a hard black anodized finish, increasing resistance to wear and corrosion.

The handguard features four MIL-STD 1913 Picatinny rails, with the top rail seamlessly aligned with the upper receiver, allowing for stable mounting of optics and accessories without interruption. The rifle comes standard with folding iron sights of in-house design, made from durable aluminum and fitted with fiber optic inserts, allowing for emergency aiming even when folded. A single-point sling attachment is also included to enhance carry options and mobility.

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automatic rifle



## Features:

OPERATING PRINCIPLE	Direct impingement / Short-stroke gas piston
STOCK	Telescopic
FIRE MODES	Full automatic, semi-automatic

The rifle is also available in a version equipped with a refined gas piston system with automatic pressure regulation, ensuring smooth and reliable operation even during extended and intensive firing.



# DSS Mk15



11.5 inches / 16.5 inches barrel



## Technical data



Barrel Length	11.5 inches	16.5 inches
Weight	3.1 kg	3.25 kg
Overall Length	725–810 mm	790–875 mm
Effective Range	400 m	500 m
Maximum Range	1200 m	1300 m







# About Us:

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DSS is a renowned Czech manufacturer specializing in small arms and boasts a long tradition and expertise in the defence industry. Our offer includes light machine guns in two calibers, 5.56x45mm NATO and 7.62x51mm NATO, which meet the highest standards of quality and reliability. In addition to machine guns, we also offer assault rifle in 5,56x45mm NATO caliber, thus covering a wide range of needs of armies and security forces. DSS is ISO 9001 certified, which guarantees a high level of quality management. and we are currently working hard to obtain AQAP certification to provide our customers with even greater confidence and satisfaction with our products.

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