

TRUVELO MANUFACTURERS (PTY) LTD
ARMOURY DIVISION



Highly Accurate Sniper Rifles

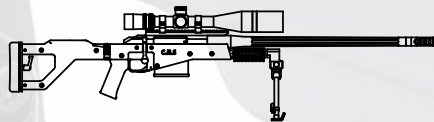


Truvelo entered into the field of barrel and rifle manufacturing in 1994. The success of the manufacturing of highly accurate barrels led to the development of a combination of our own barrel range and sophisticated sniper rifle technology. The proud result of this combination is Truvelo's range of highly accurate, long range rifles with calibres up to 20x110 Hispano for tactical target shooting.

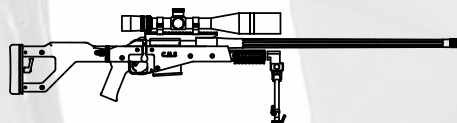
The Truvelo design team has added the Counter Measure Sniper Rifle (CMS) Series to its range of small arms. The CMS was developed for Urban Type Warfare at a shorter range. The rifles are compact and allow for easy manoeuvrability. The stock is foldable and the rifle lighter which makes it easier to carry in confined areas. Interchangeable fore-ends available (application dependent).

Truvelo currently fields AMR (anti-material rifles) in four calibres, namely the 12,7x99mm, the 14,5x114mm, the 20x82mm and the 20x110 Hispano. In addition to this, the Truvelo APR (anti-personnel rifle) series is available in 7,62x51 Nato and the .338 Lapua.

The key to the success of the Truvelo range of sniper rifles is traditional attention to detail and sticking to what works best. While Truvelo's Midrand plant is home to proven technology, its designs also match space-age material with classical lines. All rifles are bolt action. The combination of the right steel, the manufacturing process of the barrel, the bolt action and the fitment of the barrelled action into an ergonomically designed stock ensure unsurpassed accuracy. The most important features of these precision weapons are that they are lightweight, adjustable and accurate.



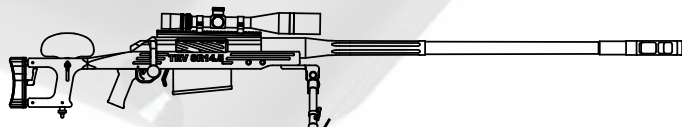
7,62x51 Nato



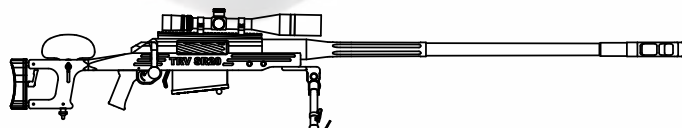
.338 Lapua



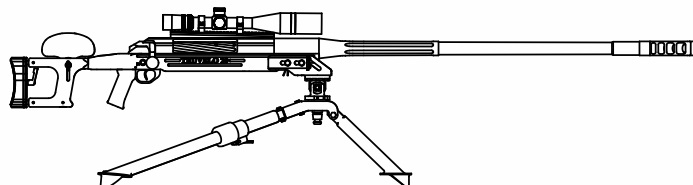
12,7x99mm



14,5x114mm



20x82mm



20x110mm

**Actions:**

All actions are bolt actions, either single loading or with a magazine capacity of 5 or 10 rounds, depending on the calibre. Only high quality steels are utilised and every action is precision machined out of solid steel.

Silencer:

The 7,62x51 Nato rifles can be fitted with a field detachable silencer.

**Muzzle Brake:**

Available on the .338 Lapua and Anti-material rifles. This multi-chamber device reduces recoil between 45% and 60%.

**Stock:**

All stocks are machined out of polymer and solid aircraft aluminium for high stability in extreme temperatures and all environmental conditions. The recoil pad and pistol grip are all fully adjustable to accommodate any size or build of user. The 14,5x114, 20x82 and 20x110 rifles are produced with a cheek piece.

**Resting Spike:**

Available in the 14,5x114mm and 20x82mm. Height Adjustable.

Bipod:

Can easily be folded away and is height adjustable.

Handgrip:

Adjustable to suit the user.

Resting Spike:

Available in the LR range. Height Adjustable.

Cheek Piece:

Available in the LR range.

Manufactured from carbon composite material and is fully adjustable.

Telescopes and Sight Mounting:

A variety of well-known telescopes are available for the user to choose from. Picatinni rails are fitted as standard.



Truvelo CMS 7,62x51 Nato



The Truvelo Sniper 7,62x51 Nato rifle is a specialised target rifle of outstanding quality and accuracy. The rifle is capable of functioning in all operational environments and is resistant to harsh military use due to its robust yet simple design.

Specifications

Calibre:	7,62x51 Nato
Ammunition	FMJ, Ball, AP, Tracer, Sub-sonic
Length – Unfolded Stock	1025mm / 1305mm (depending on barrel length)
Length – Folded Stock	765mm / 1045mm (depending on barrel length)
Barrel Length	482mm / 762mm (various barrel lengths available)
Weight	5,6kg / 6,4kg (depending on barrel length)
Accuracy	Better than ½ M.O.A at 500m (ammunition dependent)
Range	1000m
Temperature Range	-40°C to 70°C
Magazine Capacity	10 rounds
Silencer	Optional



Truvelo CMS .338 Lapua



The Truvelo .338 Lapua is designed as a sniper rifle for long range anti-personnel targeting. Together with the Truvelo proven barrel and action design, the combination of calibre and the ammunition used results in accurate shooting at long distances, up to 1800m.

Specifications

Calibre:	.338 Lapua
Ammunition	FMJ, Ball, AP
Length – Unfolded Stock	1180mm / 1350mm (depending on barrel length)
Length – Folded Stock	920mm / 1102mm (depending on barrel length)
Barrel Length	580mm / 762mm (various barrel lengths available)
Weight	6,2kg / 7,0kg (depending on barrel length)
Accuracy	½ M.O.A at 500m (ammunition dependent)
Range	1800m (ammunition dependent)
Temperature Range	-40°C to 70°C
Magazine Capacity	5 rounds
Muzzle Brake	Standard, recoil reduction 45%




Truvelo CMS 12,7x99mm



The Truvelo 12,7x99mm is a specialised anti-material rifle of outstanding quality and accuracy. Targets identified for this calibre rifle are heavy armaments with sophisticated guiding and sighting equipment. This is a serious rifle for the professional, designed to the highest standards with unsurpassed engineering.

Specifications

Calibre:	12,7x99mm (.50)
Ammunition	FMJ, Ball, AP, Tracer, API
Length – Unfolded Stock	1405mm / 1720mm (depending on barrel length)
Length – Folded Stock	1105m / 1419mm (depending on barrel length)
Barrel Length	686mm / 1000mm (various barrel lengths available)
Weight	13kg / 14,5kg (depending on barrel length)
Accuracy	1 M.O.A at 500m (ammunition dependent)
Range	1800m (ammunition dependent)
Temperature Range	-40°C to 70°C
Magazine Capacity	5 rounds
Muzzle Brake	Standard, recoil reduction 50%

Precision TRVM 12,7x99mm hand-loaded ammunition is manufactured by Truvelo Armoury to ensure best performance for the Truvelo 12,7x99 



Truvelo 14,5x114mm



The 14,5mm sniper rifle is primarily designed as an anti-material sniper rifle. A variety of ammunition is available that can engage medium to heavy armoured vehicles and communication and guidance systems. The 14,5mm rifle boasts a very high muzzle velocity and enormous penetration power.

CMS version available soon.

Specifications

Calibre:	14,5x114mm
Ammunition	Ball, AP, API
Overall Length	1820mm
Barrel Length	1000mm (excluding muzzle brake)
Weight	20kg
Accuracy	1 M.O.A at 500m (ammunition dependent)
Range	1800m (ammunition dependent)
Temperature Range	-40°C to 70°C
Magazine Capacity	5 rounds
Muzzle Brake	Recoil reduction 60%



Truvelo 20x82mm



The science of modern weaponry has brought to light highly sophisticated electronic guidance and communications equipment, GPS, night vision and radar systems found on light to medium skinned vehicles. These targets will be neutralised by the modern sniper equipped with this heavy calibre weapon due to the enormous ammunition payload delivery.

CMS version available soon.

Specifications

Calibre:	20x82mm
Ammunition	Ball, Practice, Practice Tracer AP, API, HE, Saphei
Overall Length	1820mm
Barrel Length	1000mm (excluding muzzle brake)
Weight	23kg
Accuracy	1 M.O.A at 500m (ammunition dependent)
Range	1500m (recommended sniper distance)
Temperature Range	-45°C to 65°C
Magazine Capacity	5 rounds (only for AP and Practice ammunition)
Muzzle Brake	Recoil reduction 60%

Intensive research has made this multi chambered muzzle brake for large calibres so efficient that it reduces the recoil by up to 60%. This feature makes even this calibre easy to shoot in the prone position.



Truvelo 20x110mm



Truvelo has recently added the 20x110 Anti Material Sniper Rifle to its range of small arms. Due to the large calibre, this rifle is absolutely unique and Truvelo is one of the few weapon manufacturers in the world to design and produce a sniper rifle in this calibre.

Electronic guidance and communications equipment and GPS and radar systems, which are found on modern tanks and medium to heavy skinned vehicles, can be eliminated with this specialised rifle.

Specifications

Calibre:	20x110 Hispano
Ammunition	Practice, PracT, API, HE, HEI, Saphei
Overall Length	1990mm
Barrel Length	1100mm (excluding muzzle brake)
Weight	25kg
Accuracy	15" Radius at 600 yards
Range	2000m
Temperature Range	-40°C to 60°C
Magazine Capacity	Single Shot
Muzzle Brake	Recoil reduction 60%
Tripod	Standard .50HMG / .30HMG Mount
Cradle Mount	± 10kg

The tripod mount has built in recoil dampers to help reduce the rifle's recoil. Due to this the sniper will be able to shoot even this large calibre rifle with ease



Truvelo Accessories



The following accessories / optional extras are available with the Truvelo range of Rifles:

Operators Manual and IPC
Aluminium Case
Carry Bag
Cleaning Kit
Shooting Mat

Gauges
Canvas Bag
Sling
Silencer Bag
Optics (variety of telescopes and night vision systems available)



Canvas Bag



Aluminium Case



Carry Bag



Cleaning Kit



Optics



Optics



Silencer Bag



Shooting Mat

Truvelo Barrel Manufacturing



Since Truvelo has entered into the firearms market, the company has established an unmatched name in the manufacturing of highly accurate barrels.

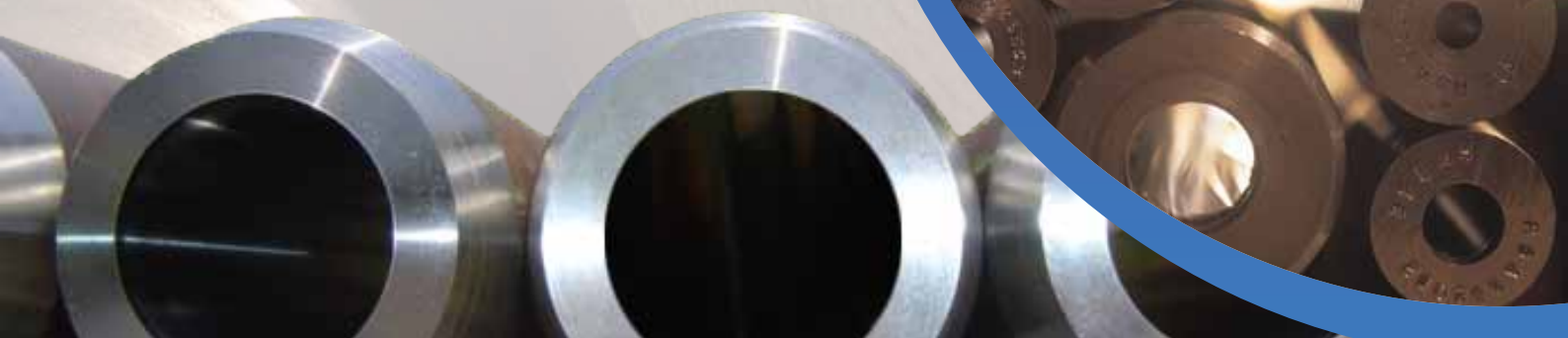
Devoted engineers, outstanding engineering facilities and research have resulted in barrel products for small arms and heavy calibre weapons which are of the finest and highest quality.

With the in-house designed button process, or the hammer-forge process, and the high quality steels used by Truvelo Armoury, the company manufactures from the smallest .22 to the large 40mm barrel sizes. Both processes have numerous advantages, for example the accuracy, longevity and the fine finish of the bore.

All barrels are manufactured according to the internationally recognised Nato and CIP specifications.

Various twist rates and barrel lengths available.

A team of gunsmiths offers the best services.





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