CAL. 223 Rem

QD-LOCK

## 2025

A-TECHE SCIENCE OF SILENCE

### From garage to State of the art facility A-TEC was established in 1999 by Anders

E. Johansen in Norway. With nothing more than a passionate interest. Anders embarked on a journey to develop and manufacture advanced silencers in his own garage.

It didn't take long for Anders to recognize that existing silencer technology and designs were outdated. He led significant advancements in performance, weight. construction, and design, becoming the first manufacturer of modular silencers and revolutionizing the industry.

What began as a small-scale operation crafting silencers for hunters in Norway has grown into a thriving enterprise. A-TEC now operates from a state-of-theart facility spanning 1,500 square meters, featuring professional management and

a dedicated workforce. The company produces over 80,000 silencers annually. serving both civilian and professional markets, with customers ranging from Northern Europe to South Africa.

At A-TEC, our mission is to design and build cutting-edge silencers that set new standards in firearm sound suppression. Innovation, precision, and an unwavering commitment to customer satisfaction. drive us to deliver superior performance globally.

With a professional and passionate team, A-TEC consistently exceeds expectations. ensuring that every silencer embodies undisputed quality and exceptional performance—a true testament to the science of silence.



#### THE FACTORY

- **Size:** 1,500 square meters
- Equipment:
  - 17 multiaxial CNC machines
  - 3 SIC laser marking systems
  - CNC laser welding machine
  - Lastertec SLM 3D printer
  - Gunsmith shop
- Capabilities: Research and development in a secure environment
- **Team:** 19 full- and part-time workers

#### **RESEARCH & DEVELOPMENT**

From the very beginning, A-TEC has recognized the critical importance of investing in research and development (R&D) to maintain its competitive edge.

This commitment has positioned A-TEC as a leading brand in Europe. Each year, A-TEC allocates significant resources to R&D, ensuring the company remains a market leader and pioneer in silencer technology.

Drawing on 25 years of experience, A-TEC continually pushes the boundaries of silencer design, delivering state-of-theart technology and exceptional quality to meet the needs of shooters worldwide.



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#### **OUR PREMIUM SILENCERS:**

**A-TEC Optima** 

TRUE SYSTEM SILENCER
FOR HUNTERS
FOR SPORT SHOOTERS
MODULAR SILENCER
STAINLESS STEEL CORE
HARD ANODIZED SURFACE
OPTIONAL A-LOCK

OPTIONAL END CAP BRAKE

The Optima family consists of six different premium products which are all in a modular design making it possible to change the two front modules to suit another calibre within the .224 - .375 range. Extremely durable due to the hybrid design: A hardened aluminium alloy designed to handle high temperatures, and a stainless steel core all the way that will secure the silencer's lifespan to meet the shooters' needs.

The Optima Flow has a patented flow design which gives the shooter a unique advantage with a semi-automatic hunting rifle that traditional suppressor designs can't compete with. The design directs expanding gas away from the bore line which is necessary to secure a safe cycling on a semi-automatic rifle, and reduces blowback pressure out of the ejection port.

	Product	Effect (dbC)	DbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
	Optima 40	26		150	230	39	310		Threads or optional A-LOCK
	Optima 45	29	COO Wingle sets			44,4	335	.224   .264 (6,5)   .30   .338	
	Optima 45 Front	28			165		260		
1	Optima 50	31	.308 Winchester		230	49,4	395		
3505300	Optima 60	35				60	490		
	Optima Flow	23		153	168	44,4	350		





















Evtro	made	J
FXIId	modu	I

Optima 60

Optima 50

Optima 45

Optima 40

Optima Front

Optima Flow

Material	Surface treatment	Available threads (inch)	Available threads (Metric)
Aluminium body/Stainless steel core in all models	Hard anodized	1/2"-20 UNF   1/2"-28 UNEF   1/2"-36   11/16" UNEF   5/8" UNEF   5/8" UNF   9/16" UNEF   9/16" UNEF SPIGOT   9/16" UNEF SHORT   SPIGOT   9/16" UNF   0.578-28TPI	M13X1   M14X1 M13X1LH   M13,5X1LH   M14XLH1  M14X1 SPIGOT   M14X1.5   M15X1   M15X1 SPIGOT   M16X1   M16X1.5   M17X1     M17X1 SPIGOT   M18X1   M18X1.5   M18X1.5 LH

#### QUIETLY PROTECTING YOUR HEARING

## The new A-TEC H3

FOR HUNTERS

FOR SPORT SHOOTERS

MODULAR SILENCER

ALUMINIUM AND STEEL

HARD ANODIZED SURFACE

OPTIONAL A-LOCK

OPTIONAL END CAP BRAKE

Introducing the A-TEC H3, the latest evolution in the Hertz series, succeeding the H2. This modular silencer offers users the flexibility to mount it as a 1, 2, or full 3-module version. The H3 boasts enhanced quietness, durability, and overall improvements, catering to the needs of hunters and sport shooters. It represents a new and updated iteration of our best-selling H2 silencer, featuring improved technology for increased effectiveness and a more modern design. The thread interface and diffusor is with stainless steel and all modules are in aluminium.

	Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting	
	H3-1	20		68,5	149		263			
	H3-2	27	.308 Winchester	109,25	189,25	49,4	337	.224   .264 (6,5)   .30   .338   .375   .458	Threads or optional A-LOCK	
100	H3-3	30		150	230		412			





Extra modules



A-TEC H3-1



A-TEC H3-2



Optional A-lock

A-TEC H3-3



Material	Surface treatment	Available threads (inch)	Available threads (Metric)
Aluminium/thread interface and diffusor in stainless steel	Hard anodized	1/2"-20 UNF   1/2"-28 UNEF   1/2"-36   11/16" UNEF   5/8" UNEF   5/8" UNF   9/16" UNEF   9/16" UNEF SPIGOT   9/16" UNEF SHORT   SPIGOT   9/16" UNF   0.578-28TPI	M13X1   M14X1 M13X1LH   M13,5X1LH   M14XLH1  M14X1 SPIGOT   M14X1.5   M15X1   M15X1 SPIGOT   M16X1   M16X1.5   M17X1     M17X1 SPIGOT   M18X1   M18X1.5   M18X1.5 LH

#### **WANT TO GO SUPERQUIET?**

## A-TEC Optima 60

TRUE SYSTEM SILENCER
FOR HUNTERS
FOR SPORT SHOOTERS
MODULAR SILENCER
STAINLESS STEEL CORE
HARD ANODIZED SURFACE
OPTIONAL A-LOCK
OPTIONAL END CAP BRAKE

The Optima 60 stands out as the premier choice in the Optima family, a lineup of six premium modular suppressors. Designed for shooters seeking the ultimate in sound suppression, its modular construction allows seamless interchange of the two front modules, accommodating calibers from .224 to .375. Crafted with a hybrid design, it combines a hardened aluminum alloy—engineered to withstand high temperatures—with a stainless steel core, ensuring unmatched durability and longevity. The Optima 60 is the ideal silencer for hunters and shooters who demand superior performance and reliability.

Product	Effect (dbC)	DbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
Optima 60	35	.308 Winchester	150	230	60	490	.224   .264 (6,5)   .30   .338   .375	Threads or optional A-LOCK



Optional A-ring





Extra modules

Optional End Cap Brake



Material	Surface treatment	Available threads (inch)	Available threads (Metric)		
Aluminium body/Stainless steel core in all models	Hard anodized	1/2"-20 UNF   1/2"-28 UNEF   1/2"-36   11/16" UNEF   5/8" UNF   5/8" UNF   9/16" UNEF   9/16" UNEF SPIGOT   9/16" UNEF SHORT   SPIGOT   9/16" UNF   0.578-28TPI	M13X1   M14X1 M13X1LH   M13,5X1LH   M14XLH1  M14X1 SPIGOT   M14X1.5   M15X1   M15X1 SPIGOT   M16X1   M16X1.5   M17X1     M17X1 SPIGOT   M18X1   M18X1.5   M18X1.5 LH		

#### PROFESSIONAL HUNTERS FIRST CHOICE

### A-TEC PH

ALL STAINLESS STEEL

FOR PROFESSIONAL HUNTERS

FOR SPORT SHOOTERS

EXTREMELY DURABLE

CERAKOTED SURFACE

OPTIONAL A-LOCK

The A-TEC PH silencer is a front mounted robust and durable firearm silencer specifically crafted for professional hunters. It serves as the hunting-oriented counterpart to the AR products, sharing most of the same technical specifications but tailored for typical hunting calibers such as .223, .264, and .30. Constructed entirely from stainless steel, it is engineered to withstand rough use in challenging environments, meeting the exacting durability standards of hunters with the highest expectations.



PH 40-3

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
PH40-4	26	.308 Winchester	166	181	20	449	.223   .264   .308	Threads or optional A-LOCK
PH40-3	28	.223 Remington	135	150	39	374	.2231.2641.308	



## The A-TEC A12 Shotgun silencer

LIGHTWEIGHT, EFFICIENT

SILENT HUNTING IN SOUND SENSITIVE AREAS

URBAN-FRIENDLY, IDEAL FOR TRACKERS

FITS SEMI-AUTO OR PUMP-ACTION

COMPATIBLE WITH STEEL SHOTS

CHOKES FOR MOST SHOTGUN MODELS

Introduced in 2017, the A12 guickly gained popularity as a shotgun silencer. It's designed for use with cal. 12/70 gauge ammunition, accommodating a maximum 42-gram load and US #2 shot size. Ideal for hunters in urban or field settings, particularly for tasks like pigeon shooting, the A12 has also found favor among game wardens for search hunts. A12 mounts using the existing choke interface on your gun.



A-TEC A12 is ONLY approved for wadded 12/70 ga. ammunition, max 42g. US #2 or smaller shot size. Approved for steel shots. Do not use slugs, reloaded or high speed ammunition.

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting	Material	Surface treatment
A12	19	12-70 GA	300	300	N/a	560	12/70 GA	Choke	Aluminium	Hard anodized



#### LIGHT WEIGHT HIGH PERFORMANCE

# A-TEC rimfire silencers

ALUMINIUM & COMPOSITE
ALUMINIUM CARBON & COMPOSITE
MODULAR ALL ALUMINIUM

RIMFIRE/AIR WEAPONS

The Wave is made of composite and aluminium, whereas the carbon is composite, aluminium and carbon. Both the Wave and Wave carbon got a new composite inner material, hence not rated for magnum calibers. Both are rated for 22LR only. The wave silencers is not intended to be disassembled. Both waves are popular on pistoles and rifles silencers. Wave are one of the most efficient designs on the market. The CMM-6 is a modular alu based silencer, also rated for .22 Mag. and .17 HMR and can be disassembled. Our 22 silencers can be delivered as dedicated air-rifle silencers.



Wave Wav

Wave carbon

CMM-6

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting		
CMM-6	22	.17 HMR	170	182	30	130	.22 LR   .17 HMR   .22 WMR			
Wave	35	00 L D	138	150	31,5	88	.22 LR	Threads		
Wave carbon	36	.22 LR								



Material	Surface treatment	Available threads (inch)	Available threads (Metric)		
Aluminium			10x1		
Aluminium/Composite	Black anodized	1/2"-20 UNF   1/2"-28 UNEF	MOV0 75   10vd   14vd   15vd   10vd		
Carbon/composite/aluminium			M9X0,75   12x1   14x1   15x1   18x1		

#### HIGH PERFORMANCE PISTOL SILENCERS:

## The A-TEC PMM-series

MODULAR SILENCER
STAINLESS STEEL & ALUMINIUM

Our pistol silencers are highly effective silencers for your 45 or 9 mm pistol. A-TEC PMM (Pistol Modular Moderator) is a high performance silencer that is one of the lightest and most efficient pistol silencers on the market. The PMM is a silencer with a spring loaded piston made to work with modern semi-auto pistols and handle different types of ammo. The spring loaded piston (Nielsen device) will need to be cleaned every 300 shots and lubed (greased) again.

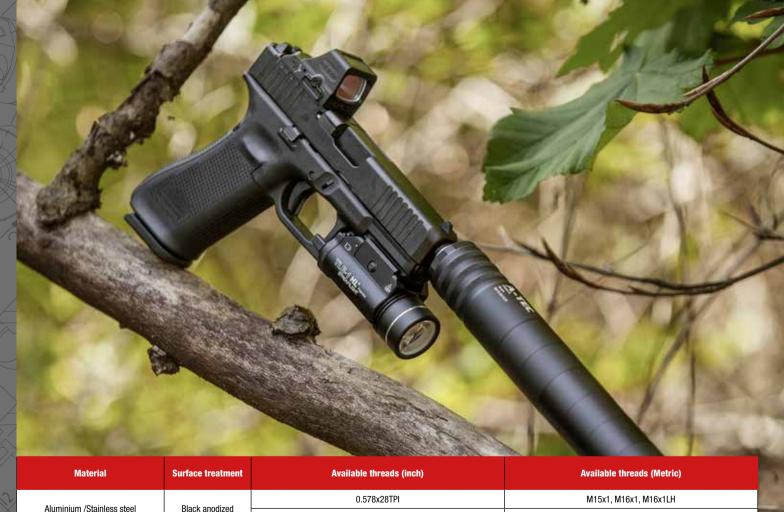
A-TEC decided to introduce the revolutionary modular system on the PMM allowing the operator to reconfigure the silencer to longer or shorter design. The PMM has 6 modules that are made from light aluminium alloys. The silencer is constructed from aluminium and stainless steel.



PMM-6

PMM-45

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting	
PMM-45	28	.45 ACP	193	209	38	267	.45 ACP	Throada	
PMM-6	36	9x19 158 grs	185	195	34,4	215	9x19	- Threads	



Material	Surface treatment	Available threads (inch)	Available threads (Metric)
Aluminium /Ctainlaga ataal	Black anodized	0.578x28TPI	M15x1, M16x1, M16x1LH
Aluminium /Stainless steel		1/2"-28 UNEF	M12x0,75, M13x1, M13,5x1, M13,5x1 LH

**A-TEC A-SUB** 

# Silencers optimised for subsonic cartridges

The A-SUB is a front mounted silencer designed to accommodate cartridge suchs as the .45-70, 450 Marlin and 458 Socom.

For the .45-70 cartridge, we suggest using the A-SUB 5 or A-SUB 6, with the

number indicating the modules in use.

For larger calibers, such as the .510 Whisper cartridge, the A-SUB 9 is recommended, signifying the utilization of 9 modules.



Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
A-SUB 5	24 (supersonic)	45-70 Gov	220	235	49	380	.40   .416   .458   510	Threads or optional A-LOCK



A-TEC SMG / .300 BLK

### 9mm/45ACP Sub Machine Gun silencer

The A-TEC SMG (Sub Machine gun) is intended for small machine guns in 9x19 mm, 40SW and 45 ACP. And for lever actions and bolt actions as a slimmer alternative than A-SUB in caliber 300BLK, 9x19mm, 40sw/416sub and 45acp/458 sub. Can be ordered with more modules. A high performance silencer made of stainless steel and aluminium. It is module based, so you can add or remove modules of your choice.

- For civilian and LE use
- 9 mm/45 ACP sub machine gun silencer
- A high performance and very effective
- silencer
- A modular design from aluminium and
- stainless steel
- Different mounting configurations:
- Threads
- 3-lug for H&K MP5
- A-LOCK
- CZ Scorpion EV03



Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
SMG	34	9x19 158 grs	162	177	42	250	9x19   .30   .40   .45 ACP	HK MP5 Tri-lug, A-LOCK, CZ Scorpion, Threaded
.300 BLK	32	.300 BLK 208 grs	187	202	42	280	.30	Threads or optional A-LOCK



#### **A-TEC AR GEN2**

### For semiautomatic firearms

The A-TEC AR gen2 product is a robust silencer capable of handling extended strings of shots, which is typical for semi-automatic firearms. Constructed entirely from stainless steel, it is designed for rough use in challenging environments, and its affordable price point makes it feasible for replacement.

AR 40 Gen 2 is in current service by police force in caliber .300 blk and will be available for civilians from summer 2024







AR40-3 gen2 with QD lock

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
AR40-3 Gen2				155,7	40	368	5.56 Nato	A-Flow Birdcage
AR40-4 Gen2				187,7	40	444	7.62 Nato	QD-Lock, threads



#### **A-TEC MARKSMAN**

# Designed for sniper rifles and long range rifles\_

The A-TEC Marksman offers an excellent and efficient muzzle brake and a suppressor to fit it. With the suppressor attached, you secure accuracy, hide the muzzle flash, and reduce the sound pressure significantly. Marksman is made for professional users and tough usage. The silencer is surface-treated with Cerakote.Marksman PRS is equipped with a muzzle brake on the front and is suppressing muzzle rise even more





Marksman

Marksman PRS

Marksman Al

Al brake

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting	Material	Surface treatment
Marksman	30	.338 LM	155	218	44	550	6.5   .30   .338	Marksman Brake	Stainless steel	Cerakote
Marksman PRS	26					585				



**A-TEC PRS** 

# The preferred silencer for PRS shooters

FOR SPORT SHOOTERS

INTEGRATED MUZZLE BRAKE

ALL STAINLESS STEEEL

CERAKOTED SURFACE

A-TEC PRS is a hybrid silencer/muzzle brake that combines the advantages from a full-body silencer with a muzzle brake in one compact solution. All stainless steel construction and cerakote surface treatment ensures that it can handle tough usage under all conditions.





PRS-2

PRS-1



PRS-3

Product	Effect (dbC)	dbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting
PRS-1	n	/a	134	134		415		
PRS-2	24	C EVEE	172	172	44	515	.264 (6,5)   .30   .338	Threads
PRS-3	28	6,5x55	210	210		615		



#### A-TEC MP7:

# Designed for H&K MP7 4.6x30

A-TEC MP7 is a lightweight, all-steel silencer designed to handle full-auto and single fire. It's specifically crafted to be effective and compact, ensuring it doesn't interfere with the concealed carry capabilities of the H&K MP7. It can be delivered in 4 different lengts, depending og the need for the operator. The additional length is related to the flash hider. This silencer is designed for semi-permanent attachment to the weapon and only needs to be removed for cleaning.



A-TEC

A-TEC

A-TEC



#### A-TEC A-FLOW

# As tough as it gets!

A-FLOW is a full-auto rated suppressor with patented flow technology. This technology generates less back pressure, resulting in reduced wear and tear on the weapon system. The coaxial design directs expanding gas away from the bore-line and prevents blowback pressure from reaching the ejection port. This technology reduces issues with blowback interfering with the operator's environment to a minimum and significantly reduces recoil and sound pressure, making A-Flow the preferred silencer over competing brands. A-Flow enhances the operator's ability to carry out tasks effectively.











A-Flow Flash hider (civilian)



 $\Delta$ -Flow Birdcage



A-Flow 1+2



A-Flow 1+3

Product	Effect (dbC)	DbC measure cartridge	Added length (mm)	Total length (mm)	Dia	Weight (gram)	Available calibres	Mounting	Material	Surface treatment			
A-FLOW 1+2	21	5.56	5.50	0.0*	140**		530						
A-FLOW QD-lock 1+2	21		96*	144**		550	5.56 NATO   7.62	A-FLOW flash hider					
A-FLOW 1+3							170**	44	630	NATO NATO		Stainless steel/	Carakata
A-FLOW QD-LOCK 1+3	19	7.62	126*	174**	44	650		A-FLOW Bird Cage QD-lock	Inconel	Cerakote			
A-FLOW 1+1 QD-lock 3-prong			96*	130,5**		422	5.56 NATO	A-FLOW flash hider QD-lock					

A-Flow Brake

<sup>\*)</sup> The added length depends on the weapon's configuration. \*\*) +/- 0,5 mm





MORE RELIABLE CYCLING



QD lock 3-prong





**The End Cap Brake** is available for all Optima and H3 models, and contribute to significantly reduced recoil or barrel jump. It also looks very cool on your silencer!

**The A-TEC Brake STD** is a very effective muzzle brake made of stainless steel. It is constructed as a universal muzzle brake that fit all calibers, and comes with all available threads.

**The A-TEC molycote grease** is a high quality grease we recommend using on the threads of our module based silencers for maintenance and avoid getting the modules stuck.

**The A-ring** is used together with our **Mirage band**, and comes very handy when shooting a few strings in a row at the shooting range. Mirage will occur after just a few rounds, so this accessories will prevent you from mirage in an effective way. On the bottom of the A-ring there is a picatinny rail to attach extra accessories like flashlight.

**The Mirage cover,** is developed to fight both mirage and to muffle sounds of branches that hit the silencer when moving trough dense brush.

**The A-box** is a brand new rugged box to keep the silencer safe during travel and for storage.







Precision engineering and superior solutions form the foundation of our success in silencer technology.

All research, product development, and production are carried out in Norway.

