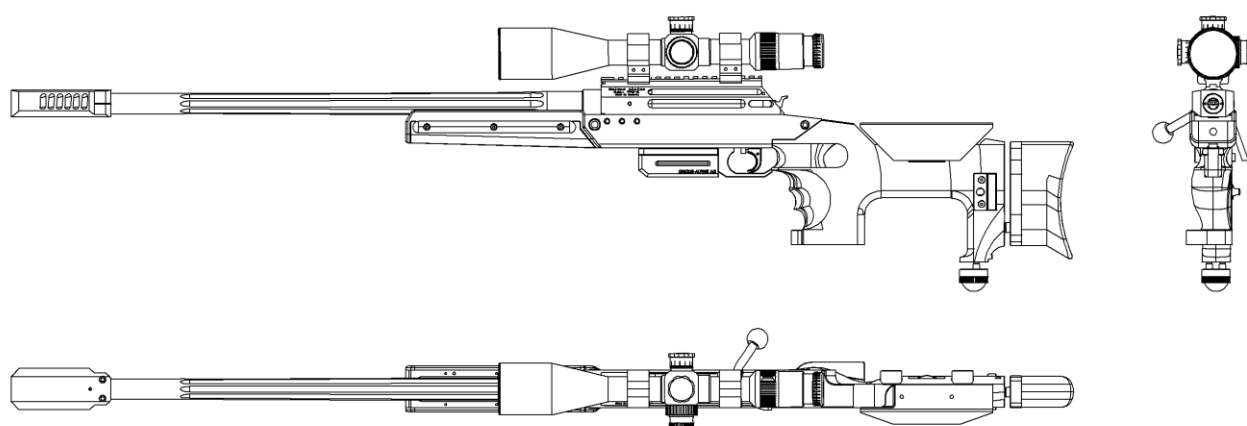




## Product Data Sheet Unique Alpine TPG1 A2 Professional

Vers. 2006-1-E



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<b>Model</b>	:	<b>Unique Alpine TPG1 A2</b>
<b>Classification</b>	:	<b>High Precision Tactical Rifle</b>
<b>Manufacturer</b>	:	<b>Unique Alpine AG</b>
<b>Country of Origin</b>	:	<b>Germany</b>

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## Product Definition

The modular system UA TPG1 A2 is based on the reliable and proved weapon system UA TPG1 and used by Special Forces around the world.

The Unique Alpine® TPG 1 A2 was developed to meet and exceed today's requirements for High Precision Long Range Tactical Rifles. During the development, attention was paid to create a highly modular, integrated Weapon System, which will allow total adjustment to fit the personal anatomic of the shooter using the system, this will insure the operators total concentration on the Mission, not being preoccupied with inference of bad fitting stock.

Like the other Unique Alpine Rifles in his model class, the UA TPG1 A2 is a total departure from the classic and traditional rifle construction and gunsmithing.

Starting with CAD/CAM construction, computer aided testing of structural strength up to high precision CNC machining on most modern machines and a rigorous quality control system, the UA TPG1 A2 will be an outstanding and reliable tool for the Operator to manage his duty under any condition.

High Precise firing and termination of Targets at great distances under exceptional operational and unknown condition require a weapon with outstanding characteristics like the UA TPG1 A2, due his modularity the operator even has the possibility to adopt the rifle to the mission specific needs in a minimum of time.

Other main advantages of the modular system are the provision to interchange parts quickly. This is reflected in reduced expenditure in service and maintenance due to the minimised work effort, which results in low operating costs. The materials used will guarantee a long life with no forfeiture in precision or quality.



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## Product Features

Heavy match grade free-floating barrel fluted.

- Stabilised Barrel Oscillation Level.
- Heat optimised.
- Quick interchangeable Barrels for greater flexibility.
- Locates into the action body with a 50mm bushing for maximum accuracy and safety.

Large Bolt made from high-grade heat-treated steel.

- Three locking Lugs, with a total locking Surface of 765mm<sup>2</sup>.
- 4 Integrated gas shrouds and vents for maximum protection in the event of a blow back.
- Tight fitting, direct in the Barrel for higher accuracy.

Extra secure safety mechanism

- Draws back lifts up and blocks the firing pin for maximum security.
- An additional trigger safety can be fitted (optional).

Breech case machined from F 53" Aluminium billet.

- Special high-grade aluminium alloy with a ultimate tensile strength of more then 550 Newton.
- Low sight line to the barrel bore, for minimal "offset" error.
- Precision Barrel clamping mechanism for best performance in accuracy.
- Mil. Spec. rail (Picatinny)

Match trigger

- Adjustable from 500grm. to 1000grm.
- Direct trigger for fast reaction.
- Optional Two Stage fully adjustable Trigger.
- Optional electronic Interface for Mission Control or Target acquisition System

Precision Chassis Mounting System

- Defined plane location Surface, disables any distorting forces.
- System oscillation damping element made out of synthetic polymer allows constant connection and vibration reduction.
- System fastening Bolts with integrated Belleville spring package, will guarantee a homogeneous interconnection of breech case and Aluminium Chassis due the equal level of initial tension.



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#### Full-length aluminium chassis construction

- Unaffected by climate changes
- High-grade aluminium alloy as per the breach case provides the same coefficient of expansion avoiding distortion allowing for superior consistent performance.
- Allows the user to apply a firm grip

#### Moulded stock front sides

- Secure and comfortable grip under all conditions
- Made from synthetic with a very high respiration capability for greater comfort during sustained periods of use due to high level of moisture absorption.
- Resistant to Oil and Cleaners.

#### Detachable multi adjustable thumbhole stock

- Anatomically perfected Pistol grip and thumbhole with the "Crosstech" anti slip surface provides a secure grip.
- Fully adjustable cheek piece, butt plate and hand rest for the best adoption by the shooter reducing fatigue in use.
- Cheek piece and butt plate adjustable mechanism with index and click stop, provides quick and repetitive accuracy.
- Made from synthetic with a very high respiration capability for greater comfort during sustained periods of use due the high level of moisture absorption.
- Integrated adjustable Ground Spike, one-handed operation provides precision adjustments.

#### Fast and Easy service and Maintenance

- The high modular design and interchangeability reduces the initial Cost to the Owner and the Total Operating Costs to a minimum.
  - Fully maintainable by armourers.
  - Simple cleaning due the use of non-corroding Materials.
  - Integrated locking adapters, the industrial standard BLOCKING POINTS™ for the Stabilisator 3000 A1™ allow fast, defined precision testing of the weapon system on the Stabilisator 3000 A1 shooting rest.
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## Technical Specification

Calibres	:	.308 Win / .300 Win. Mag.
Barrel Length	:	650mm
Barrel Twist	:	10 / 12
Muzzle Break	:	Yes (Optional)
Separator	:	Yes (Optional)
Bolt Locking	:	3 Lugs 60° turn
Receiver	:	High Tensile Aluminium, hard coated
Safety Mechanism	:	Catch and Locks the Firing Pin, integrated failsafe back up safety
Mounting Rail	:	Picatinny, Mil Spec M-1913
Stock	:	Aluminium Synthetic Hybrid Stock
Stock adjustment	:	Length and cheek piece, Stock is quick detachable
Magazine	:	Detachable box type, coaxial feeding 5 rounds
Sling Connection	:	Optional
Weight	:	6,9 kg approx.
Length	:	1270mm approx.
Interchange ability	:	Fully within the Model Class
Suppressor	:	Optional

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