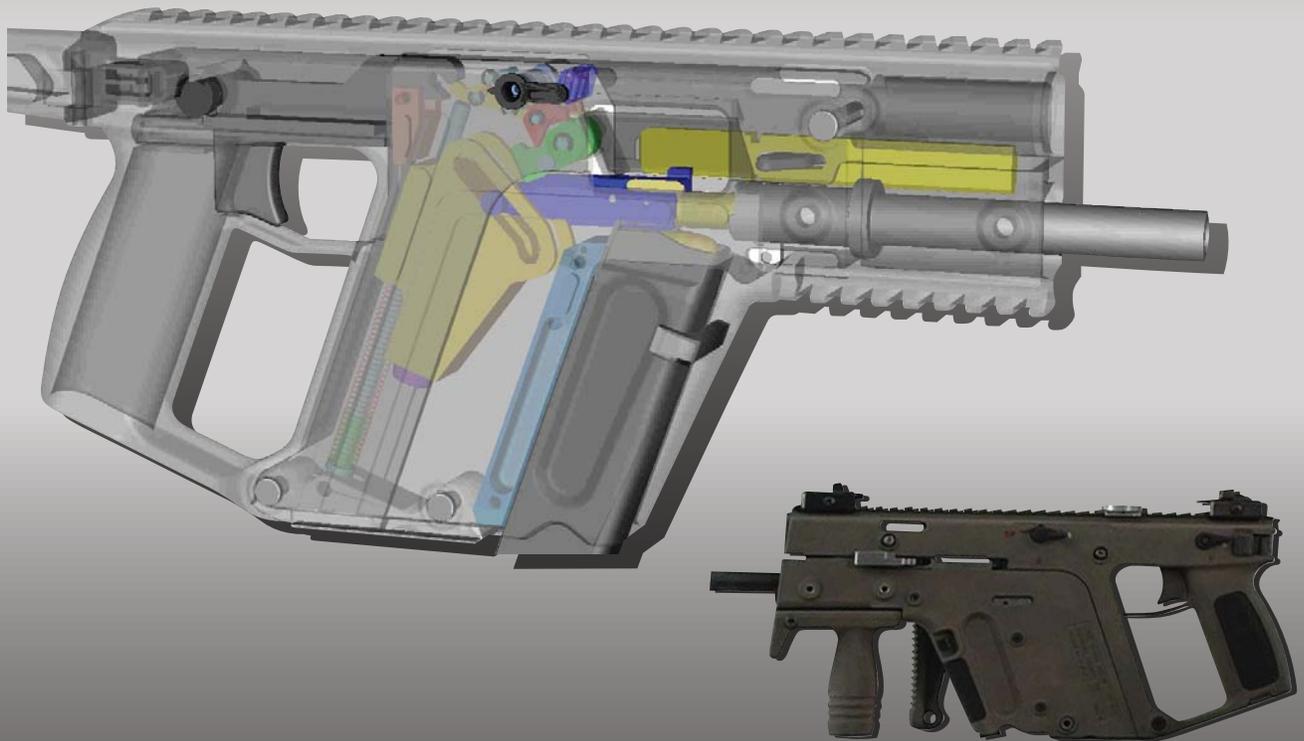


INTRODUCING THE

KRISS **V**TM — *super* SYSTEM

THE FIRST MAJOR ADVANCE IN AUTOMATIC WEAPONS DESIGN IN MORE THAN 120 YEARS



*Less Recoil • Less Weight • Less Muzzle Climb
Higher Accuracy • Increased Operator Efficiency*



ANNOUNCING A NEW ERA OF AUTOMATIC WEAPONS DESIGN

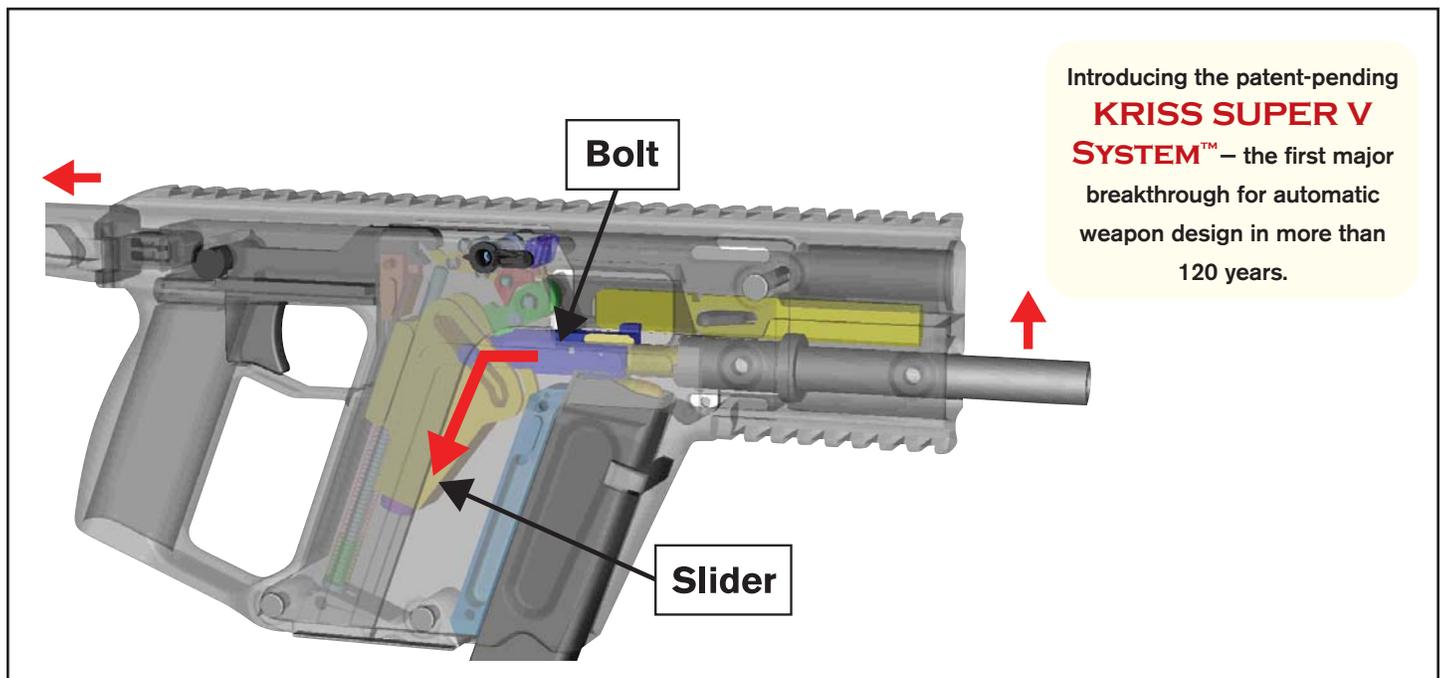


At last, an operating system that solves problems of weight, recoil and muzzle climb that have limited automatic weapons' effectiveness since the invention of the modern machine gun in 1885.

Traditional automatic weapons are too heavy, have too many moving parts, are too hard to maintain and generate unnecessary levels of recoil and muzzle climb, thus inhibiting the operator's ability to consistently put high-speed rounds on target.

No longer. The engineers of Gamma Research and Technologies SA and Transformational Defense Industries, Inc. (TDI) have developed a system that resolves these problems with elegant simplicity. What's more, the solution can be applied to any semi-automatic or fully automatic weapon.

HOW THE KRISS SUPER V SYSTEM™ WORKS



KRISS Super V System: Re-vectioning forces and masses for superior controllability

The breakthrough design of the KRIS System permits the use of light-weight components, reducing the number and weight of the mechanism's moving parts.

The design overcomes recoil and muzzle climb two ways:

- Re-directing the recoil energy down and away from the conventional "straightline" design
- Activating a counter-balancing mass to further absorb shock and redirect forces that create muzzle climb and felt recoil

The counter-balancing effect enhances accuracy. With less "kick" and muzzle climb, the KRIS system enhances the operator's ability to consistently put rounds on-target, whether through single-fire, multi-round burst, or full automatic firing.

The compact design provides speed and ease of use. Since it has fewer, lighter components, the KRIS can deliver rates of fire up to 1500; it can also be easily adjusted to more typical rates of 650–700. Moreover, the operating system lessens the weight of the weapon, easing operator fatigue and improving accuracy.

THE KRISS SUPER V XSMG DEMONSTRATION PROTOTYPE

The real test of a system is its performance. Therefore after completing advanced research and development using state-of-the-art CAD/CAM design, engineering, and analysis systems, TDI decided to go beyond simulations to build and test the system under real-world conditions.



KRIS Super V XSMG Prototype .45 ACP

The Platform

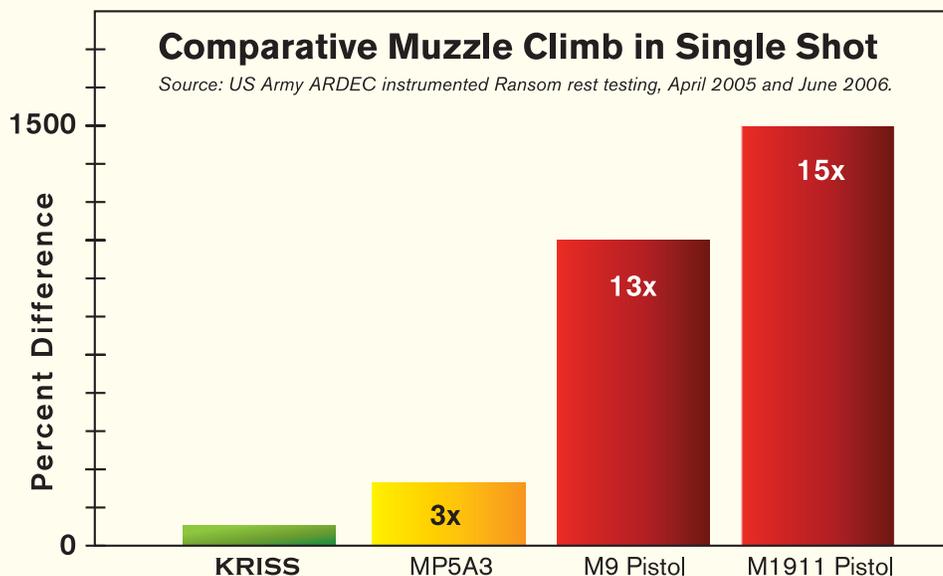
After extensive analysis, TDI determined that a .45ACP round employed in a submachine (SMG) platform would provide a superior test of the KRIS operating system, due to two factors:

- The .45ACP is a globally-adopted round, best known for knock-down power in close quarters and astounding levels of recoil.
- The SMG platform has excellent potential to application in today's increasingly close-in urban and mechanized combat – with high-power, adjustable ROF and a highly maneuverable weapon frame.

To ensure a deployment-ready weapon, the KRIS XSMG prototype was developed with extensive input from experienced Law Enforcement (L/E) and Military special operators and is a fully-featured weapon.

Developed in cooperation with the US Army ARDEC Picatinny Arsenal, the KRIS System was subjected to an industry-first rigorous scientific testing program designed to quantitatively measure the reduction in muzzle climb against benchmark competition.

Note the significant reduction of the KRIS System, even against 9mm competitors.



The near elimination of muzzle climb translates to exceptional controllability in Super V weapons.

.45 cal KRIS Super V technology offers:

3x improvement compared with a 9mm MP5A3 sub-machine gun

13x compared to 9mm M9 pistol

15x compared to a .45cal M1911 pistol

The results: the KRISS XSMG was found to be a sound proof-of-concept that demonstrates significant benefits. Here's a summary of the data:



- **Serial Number 1 in test since 9 May 06**
 - Over 6000 rounds fired to date, no major failures
 - Currently 1200 MRBS, Class 1
- **Serial Number 2 in test and demonstration with nearly 2500 rounds to date, high MRBS, no failures**
- **Serial Numbers 3 and 4 in final assembly and test**

As the numbers show, even at a TRL 6.5+ level of design (pre-production), the KRISS System has already proven to be a high-performance, robust and reliable operating system capable of sustained delivery of heavy-caliber rounds at rates of fire and consistency that exceed the levels of many competitive production weapons.

MULTIPLE BENEFITS FOR MILITARY, L/E AND CIVILIAN MARKETS

The KRISS System offers benefits for a wide variety of platforms, caliber sizes, services and operator types. Here are a few highlights:

- **Higher Accuracy:** Greater lethal speed and less burst dispersion mean more rounds on-target, more of the time.
- **Greater Efficiency:** The simple mechanism is easy to learn, and markedly easier than conventional systems to field-strip and clean—enabling shorter training cycles, longer usage periods, and higher availability of both operator and weapon.
- **Superior Portability:** As the KRISS system can be easily adapted to any caliber and platform, one organization can employ it for multiple weapons and uses. Thus, KRISS can significantly reduce training and maintenance cycles.
- **High Cost-Effectiveness:** Due to the simplicity of the KRISS design and the extensive production analysis completed, TDI believes the technology will prove to be highly cost-efficient in production quantities.

AVAILABILITY OF THE KRISS SUPER V SYSTEM™

Complete technology and testing documentation is available today for the KRISS System as well as the XSMG prototype.

For Manufacturers—The KRISS Super V System technology package is available for licensing. Whether your interest lies in adapting the KRISS technology to your existing product lines or developing new weapons based upon the KRISS System, TDI is ready to support your efforts.

For Purchasers—The KRISS XSMG prototype is fully documented and ready for pre-production testing and final build requirements. TDI would be pleased to discuss pricing, production and delivery schedules once we understand your specific requirements.

TO FIND OUT MORE, PLEASE CONTACT:

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