



An Innovation in Scalable Lethality

When customers come to us with specific requirements that have gone unmet, Nobles Worldwide is ready to address their problems with innovative solutions using advanced technologies. That's exactly what happened when a special ops customer was having difficulty finding a supplier who could deliver stable, accurate mounts for 30mm cannons on their ground vehicles.

Building on our expertise in delivering ammunition to gun systems and based on the customer's requirements, Nobles developed the VIPER Gun System (VGS). The VGS bridges the gap between standard crew-served gun mounts and more expensive remote weapon stations. It uses a crew-served gun mount, but delivers enhancements typically found in remote weapon stations at one third the cost. (Proprietary technology with patent number 8,109,192)

Key Benefits

- Capable of handling the strong recoil of the high-powered 30mm cannon
- Allows for the choice of multiple weapons for scalable lethality
- Provides superior fire control stability and long-range shooting accuracy
- Works with a variety of platforms for land, air or sea environments
- Integrated power supply
- Adjustable size magazine that accepts all standard size ammunition rounds
- Magazine cover adapters to accommodate Nobles flex chutes
- Multiple integrated 20 MOA Picatinny rails for attachment of optics



The VIPER Gun System can be mounted on virtually any land-based armored vehicle. It is capable of supporting 30mm, 40mm, and .50 Cal guns. It is shown here equipped with a 30mm gun, a Nobles 30mm flex chute and an adjustable-size magazine.

A Powerful and Versatile Force Multiplier

Nobles designed the VGS for long-range high-powered firing. By enhancing the traditional trigger mount, we allow the operator to shoot from further distances with more fire power and achieve more damage. In the hands of our armed forces, this cutting-edge weapon station can take out a tank or stop an armored personnel carrier (APC) in its tracks while providing more stand-off distance to protect the gunner.

The VGS includes a revolutionary weapons interchange platform (WIP), which allows the warfighter to change multiple weapons utilizing the same weapon mount. The VGS allows the operator to scale up or down their weapons profile based on the mission and not the mount, providing the warfighter with "scalable lethality."

Rather than rely on traverse and elevation (T&E), a cumbersome and slow mechanism that is commonly used to aim weapon, the VGS incorporates a patented (Patent Number 8,109,192), electrically-actuated gun mount braking system (GMBS). The GMBS allows the gunner to quickly acquire the target, lock on, stabilize, pull the trigger and hit the target multiple times without having to readjust gun.

In addition to superior weapon stabilization during firing and enhanced weapon control at all times, the VGS has an open foot print architecture enabling installation on land, air and sea platforms.